Illustrated articles are marked with •

**A**

*Chrysanthemums, Two New, 790D, 781*

*Chrysanthemum White Gloria... 597*

*Cincinnati Florists’ Society... 790, 791*

*Cincinnati Florists’ Notes... 27, 343, 344, 567*

*Cincinnati personal... 214*

*Clematis... 699, 739*

*Clematis, Autumn-flowering... 331*

*Clematis Montana var. rubens... 721, 722*

*Club and Society... 322, 466, 864*

**B**

*Bonus, Washington Monument... 159*

*The Metropolis of the South... 290, 294*

*Kenney, Jr., 51, 236, 993, 999*

*Begonia Gloriosa de Lorraine... 923*

*Bermuda letter, A... 653*

*Bernardsville show, The... 359*

*Berry, A new... 461*

*Birthday, A fitted... 530B*

*Book by William Miller... 897*

*Border, New Perennial, Frank... 83, 465*

*Boston Flower Exchange... 633*

*Boston Market Notes... 511*

*Boston Notes... 689, 764, 929*

*British Horticultural... 46, 99, 165, 299, 297, 350A, 628, 663, 801, 985*

*Buffalo Florists’ Club... 528*

*Buffalo, Don’t see, The... 787*

*Buffal, Two Long Island... 397*

*Bulbs to the acre, How many... 436*

*Boston landscape, Classes... 655*

**C**

*Calvat, Monument to Ernest... 564*

*Canagro, A strange... 925, 929*

*Canadina, Y. N. Estate, A notable... 99*

*Card of thanks, A... 336*

*Carnation growers’ friend... 430A*

*Carnations of today... 368*

*Carnations... 438, 517, 536, 563, 626, 870, 940*

*Cattleya X Edwardi... 585, 593*

*Cattleya Labiata specimen... 689, 855*

*Cedar Acres, A visit to... 338*

*Chicago Florists’ Club... 70, 270, 358*

*Chicago Notes... 15, 47, 79, 104, 153, 217, 278, 310, 343, 375, 447, 475, 501, 532, 571, 593, 634, 658, 701, 733, 764, 827, 874, 906, 937*

*Chimney, Construction and cost of... 502*

*Plants from China, New... 622, 625, 626, 627*

*Chinese plants in England, New... 725*

*Chrysanthemum, Charles Lenker and house of Robinson... 566*

*Chrysanthemum Congress at Boston... 730*

*Chrysanthemum Grower, A noted English... 739*

*Chrysanthemum, Mr. B... 753*

*Chrysanthemums of 1911, The new... 137*

*Chrysanthemum Society of America... 632, 466, 995, 635, 766, 796*

*Address of Pres. Elmer D. Smith... 665*

**D**

*Dr. Wiley, an opinion of... 329*

*Dahlia, Developing and Improving the... 807*

*Dahlia Golden West, Decorative... 489, 493*

*Dahlia grower, A... 567*

*Dahlia Rheinloung... 163*

*Dahlia show, Michell’s... 500*

*Dahlia showing Wisecarver... 191*

*Dahlia, Wolffang von Goethe... 7*

*Decorative Stock at Dyer’s... 430A*

*Detroit... 502, 511, 610, 666, 700, 706*

*Detroit College of Agriculture... 466, 516, 537, 636, 672, 870, 940*

*Dietrich, Construction and cost of... 502*

*Plants from China, New... 622, 625, 626, 627*

*Chinese plants in England, New... 725*

*Chrysanthemum, Charles Lenker and house of Robinson... 566*

*Chrysanthemum Congress at Boston... 730*

*Chrysanthemum Grower, A noted English... 739*

*Chrysanthemum, Mr. B... 753*

*Chrysanthemums of 1911, The new... 137*

*Chrysanthemum Society of America... 632, 466, 995, 635, 766, 796*

*Address of Pres. Elmer D. Smith... 665*

**E**

*Carl Howard M. **Edward**, A new... 187*

*Editorials... 622*

*—Will you do it? Watch out... 6*

*—The torrid wave... 162*

*—Disarming the bully... 279*

*—A transition period... 34*

*—A notable horticultural bioshow... 68*

*—Window boxes... 98*

*—Reciprocity... 130*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*

*—Floral Art... 427*
-Clover seeding lost. Notes... 106
-Early talks on crop prospects... 106
-Corn and bean cabbage. Notes... 172
-The bean crop. Corn, peas and root crops. About contract deliveries and report from Holland. Notes... 340
-The non-warranty clause. Foreign grain import... 372
-Pea canning and deliveries. The sweet corn outlook... 457
-Potato prices. Beans. New seed house quotable. Final outcome of natural grass seed crops... 438
-Notes... 472
-A new record... 502
-Crop report from Copenhagan. Against free seeds... 514
-Crop conditions. Peas and beans. Cucumber and other vine seeds... 536
-Root crops. Spinach. Parsley and parsnips. Latest market news and prices... 536
-Too much rain. A new high record for prices... 590
-An unusual request. Seedsmen's and shippers. The onion crop. Wholesale Grass Seed Dealers' Asso... 600
-Mr. Garden's and Mr. Smith's, advance in pea prices. The bean situation. Seed trade in New Zealand. Seed-grain from Sweden... 635
-Cucumber losses at Rocky Ford. Notes... 636
-Prize vegetables at Boston. Nosions seed dealers for the restraint of seed trade... 672
-The seed dispatcher upheld. Foreign trade opportunities. Notes... 706
-Pea and bean percentages. Carrots, mangels and garden beets. Strangrous outlook for 1912. Deciduous fruit nurseries in Colorado, Kansas and Oklahoma... 736
-American vs. English grown sweet potatoes... 767
-Maine Seed Improvement Association... 768
-An antique... 856
-Corn damage. Pea and bean contract prices. Brokers' pea offers... 888
-An assurance for government supplies... 841
-A seedsmen inventor. Another "Pure Seed Bill" introduced... 876
-Show, Paris autumn... 762
-Shrewsbury and Carlisle. 581
-Shrubs, autumn-flowering... 434, 591
-New, New winter-flowering... 789
-Sim, William... 40
-Society of Ornamental Horticulturists... 8
-163, 161, 265, 406, 456, 500, 528, 562, 591, 637, 711, 730, 738, 764, 763, 761
-08,
-Ramuzzinnominatus... 497
-St. Louis Florists Club... 39, 102
-161, 270, 430A, 562, 700B, 903
-St. Louis florist show... 699
-St. Louis notes... 74, 111, 305, 279, 270, 441, 571, 530A, 571, 589, 674, 743, 761.
-Scale... 940
-Seed Trade... 276, 306, 401, 968, 980, 12
-The Seedsmen's convention.
H. T. Rose Kronprinzessin Cecilie.
U KNOW US

WE WANT EVERY FLORIST

To send their FLORISTS' SUPPLIES AND RIBBON TROUBLES to us. We are SPECIALISTS in that line and Guarantee To QUICKLY put you on the Road to Success without the USUAL WORRY—"Will my Orders be PROMPTLY Filled and ARRIVE on TIME"—That's our STRONG HOLD. Why not Consult US TODAY?

KATALOG for the asking.

The Leading Florists' Supply House and Ribbon Specialists

M. RICE & CO., 1220 Race Street, Philadelphia, Pa.

Manufacturers — Importers — Originators

Roehrs Quality

In Palms, Pandanuses, Azaleas, Ferns, Orchids, Camellias, Lorraines and the endless variety of Flowering or Foliage Plants for Commercial Use or Conservatory Decoration. Quality is our First Consideration. And you can get it every day in the year.

Send for Catalogue

Julius Roehrs Company
RUTHERFORD, N. J.

BOSTON FERNS, 2 1/2 inch $30.00 per 1000.

WHITMAN, 2 1/4 inch $5.00 per 100; $4.00 per 1000; $3.00 at 1000 rate. Cash with order

H. H. BARROWS & SON
Whitman, Mass.

FERNS FOR DISHES
Assorted varieties, 2-in. pots, $3.50 100;  $50.00 1000; 500 at 1000 rate. Cash with order

FERNックス Oechslin
4911 Quebec St. - CHICAGO, ILL.

PALMS, FERNS, DECORATIVE AND FOLIAGE PLANTS
Also Azaleas, Begonias, Bay and Box Trees
A. LEUTHY & CO.
Perkins Street Nurseries, Roslindale, Boston, Mass.
Price list on application.

BEST PALMS
All Varieties. All Sizes.
Send for Price List
Joseph Heacock
Wyncote, Pa.

ORCHIDS

PlANTS and FLOWER& always on hand
ORDONEZ BROS.
Madison, New Jersey

ORCHIDS

Greatest quantity and variety in the country. Established and freshly imported. Also material in which to grow them.

Write for special list and catalogue.

LAGER & HURRELL, Summit, N. J.

ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World

SANDER, St. Alban's, England
and 258 Broadway, Room 721
NEW YORK CITY

LORRAINE BEGONIAS

Strong 2 1/4 in. stock, ready for 3 1/4 in.
Per 100, $15.00; 250 at $14.00 per 100.

THOMAS ROLAND, Nahant, Mass.

CYCLAMEN PLANTS

600 mixed, well grown, stocky plants, ready for 3 and 4 inch pots. Price very reasonable for such good stock.

J. W. PHILBRICK, Beverly Mass.
You may call them our Hobby, our Specialty, our Leader, or whatever you like. We have on hand an immense stock ready for immediate shipment from 3-in. pots at $3.00 per 100 in the heat assortment of standard sorts in the country, or we will book your order for your next season's supply at $8.50 per 1000 from 2-in. pots; rather better than bothering about carrying your stock and propagating them yourself, don't you think?

We are booking orders for CANNAS and DAHLIA ROOTS for next season

R. VINCENT, JR., & SONS CO., White Marsh, Md.

CHrysanthemums

GENERAL COLLECTION.
Golden Dome, Mrs. Clay Frick, The Har-riett, White Shaw, Yellow Eaton.
From 21/4-inch pots, $3.00 per 100.

ROSES . . . Own Root—Fine Stock
White Killarney, from 3 in pots . . $8.00
Richmond
Pink Killarney, Chatenay, Kais erin.
Perles, Sunrise, Sunset, from 3
inch pots . . . $3.00
Bride, Bridesmaid, Golden Gate.
 $5.00 per 1,000. $7.00

STEVIA COMPACTA
21/4 inch pots. $3.00 per 100. $25.00 per 1000.

WOOD BROS. . . Fishkill, N. Y.

BEgonias
Gloire de Lorraine. Strong healthy plants. 21/4-inch, $12
per 100, $110 per 1000. 3-inch, $20 per 100, $180 per 1000.

POINSETTIAS
First-class stock. 21/4-inch, $6 per 100, $50 per 1000.

Asparagus Hatcheri
The new Asparagus. Beats the old plumosus nanus in every respect. More graceful, more rapid grower, and will produce more green to the square foot than any other green you can grow. From 21/2-inch pots, $15 per 100.

A. N. PIERSON, Inc., CROMWELL, CONN.

BOUVARDIAS
J. W. FOOTE, Pleasant Street, Reading, Mass.

NOVELTIES: For $5.00 we will send one each of 50 sorts our selection of 1910 novelties including the best from Brunts, Lemoines and Boucharlots, the acknowledged European leader among geranium originators.

We always have on hand a stock of Coleus, Al ternantheras, Achryanthes, Heliotrope, etc., at $2.00 per 100 for 2-in. and $3.00 for 3-in.

Araucaria Excelsa
5-in., 3 to 4 tiers. 40c. and 50c.; 51/2 to 6 in., 4, 5 and 6 tiers. 50c., 75c. and $1.00; 7 in., 23, 30, 40 and 50 in. high, for lawns and porches, $1.50 to $2.00.
Cash with order, please.

Godfrey Aschmann
Wholesale Grower, Shipper and Importer of Pot Plants.
1012 West Ontario St.,
PHILADELPHIA, PA.

CHrysanthemums

and

ASTER SEED

Elmer D. Smith & Co.
ADRIAN, MICH.

Carnations

F. DORNER & SONS CO.
LA FAYETTE, IND.

Chicago Carnation Co.
30 E. Randolph St.
CHICAGO, ILLINOIS

Begonias
Gloire de Lorraine and Lansdale, $15.00
per 100, $140.00 per 1000. Glory of Cincinnati,
$25.00 per 100, $200.00 per 1000. 250 at 1000 rate.
A 24-in. twice transplant d. Absolute satisfaction guaranteed. Katalog for the asking.

Skidelsky & Irwin Co.
1215 Betz Building, Philadelphia, PA.

In ordering goods please add "I saw it in HORTICULTURE!"
BOBBINK & ATKINS
WORLD'S CHOICEST FLORIST AND NURSERY PRODUCTS.

We are growing in our greenhouses and in our 250 acre nursery a large variety of material constantly in demand by florists. Our Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

B. & A. SPECIALTIES.
PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill station is the second stop on Main Line of Erie Railroad.

NURSERYMEN AND FLORISTS
Rutherford, N. J.

One Great Aim of Horticulture

Is to help buyers to buy, and sellers to sell. This it does through its advertising pages, but in addition, during the last few months we have passed along to firms who advertise in our columns: 25 inquiries for greenhouse building material, 23 for boilers and heating apparatus, 22 for pipe and steam fittings, 31 for bulbs, 16 for rose plants, 7 for bedding plants, 31 for vegetable plants and seeds, 5 for paint and putty, 9 for pumps, 6 for wood preservatives, 26 for fertilizer, 19 for insecticides, 23 for paper boxes, 8 for engines, etc., etc.

These inquiries were referred to our advertisers where possible—firms who have shown their confidence in HORTICULTURE by giving us their patronage.

The advertising department of HORTICULTURE gives personal attention to such inquiries, aiding buyers and sellers in getting together, not considering its full duty done, as soon as the ad is printed—as will be seen by the above partial list.

Are you getting this service? If not a regular ad, in HORTICULTURE will entitle you to it.

Better try this out at once. You lose business by delay. Ask our Advertising Department about it.

JOHN T. WITHERS, Inc.
Landscape Architect and Forester
1 Montgomery St., JERSEY CITY, N. J.

Box Trees and other Evergreens for Tubs and Boxes

Our Prices are Always Right—Catalog Free

THE NEW ENGLAND NURSERIES, Inc.
BEDFORD, MASS.

DIRECT IMPORTATIONS

McK Hutchison & Co.
17 Murray St., New York, N. Y.

For Fall Planting
Lilium Tenuifolium, Henry, Hansell, Walnut Hybrids; Japan Tree Lilies; Delphinium Tormosum; Japan and German Iris; Daphne Choelearum. Fall for ready in August.

E. S. MILLER
Wading River, N. Y.

HERBERT, ATCO, N. J.
DAHLIAS Every Day in the Year
Seasonable Notes of Culture on Florists' Stock

CYCLAMEN
If you have not your cyclamen in frames you should lose no time in placing them there, as there can be no better place for these plants until the end of September. You can fix your sashes on a temporary framework about six inches above their right elevation. Avoid placing any heavy shade over the plants for it only causes them to make a soft and spindly growth. It is better to provide lath shading which can be placed over the sashes and allows an indirect solar influence which will keep them in good stocky state. Spray about once a week with some form of nicotine extract to keep down thrips which I think is better than fumigating. Give a light overhead spraying two or three times a day during these hot days. If possible have the soil sterilized for the last shifts for it will help to keep down attacks of the mite. Be careful that they do not become pot-bound. Also give very careful watering and occasional spreading out as the plants begin to crowd one another.

CARE OF ORCHIDS
Such species of cattleyas as labiata, Triane, Schroederæ and many others will now be in active growth and should have a generous supply of water at the roots. Give them a light syringing overhead once or twice a day. While the warm nights continue leave a few inches of air on the top ventilators to prevent too much moisture in the atmosphere for the majority of cattleyas do not like too much humidity. As new growth begins to mature the quantity of water should be decreased gradually until only enough is given to keep the plants from shriveling. Syringing will in most cases almost accomplish this. Give Cogoryne cristata a cool moist and lightly-shaded position. This is an air-loving subject so admit plenty of fresh air at all times now. They will need plenty of water at the roots during their growth. It will be found very beneficial to apply mature water in a weak form at first once a week so as to have good well-matured bulbs, which will mean a good lot of flowers next winter. In sunny weather syringe at least once a day for insect pests. Look over the plants often for scale. Never forget that cleanliness is one of the great points in the growing of orchids.

FERNS FOR DISHES
Where you have a lot of young ferns of good size in flats you should pot them up into 2-inch pots, using any good ordinary potting soil to which leaf mold and sand has been added to make it porous. Place them where a couple of inches of sand or coal ashes can be spread on a bench, so that they will not be continually drying out. Plunge the pots up to the rims and shade the house, but not too heavily as ferns require as much light as can be given to them, exclusive of the scorching sun's rays. Maintaining a free circulation of air, keeping the atmosphere as cool and moist as possible as they like the air heavily charged with moisture. Examine the plants morning and afternoon, for if allowed to suffer from drought at the roots great injury will be inflicted on your young stock. By giving them little care during the summer months you will have stock far enough advanced by October and up to the last of December to meet the demand after the first real good killing frost which makes flowers scarce outside. A great variety of ferns can be used for small ferneries. A few good ones are Aspidium taussinense, Davallia stricta, Nephrolepis hirtipes, Microlepa hispida, Oxychium japonicum, Pteris cretica Mayii, P. cretica albo-lineata, P. Ouvardi, P. serrulata cristata, Cyrtomum falcatum.

GERANIUMS FOR WINTER FLOWERING
Give these plants shifts until you have them in their flowering sizes, either 5 or 6-inch pots. Pinch the tops out so they will grow into compact shape. A good compost is three parts of good loam and one part of well-decayed manure. Grow them along in a light house, picking off all the flower trusses during the summer. Ventilation is one of the most important points in growing geraniums successfully and all the air possible should be allowed until the cool weather arrives when they should have a night temperature of about 55 degrees to make them flower freely.

MIGNONETTE
If this crop is wanted for early winter the seed should be sown now where it is expected to bloom. The beds should be from 8 to 10 inches deep. Mignonette likes a rich compost—say one load of cow manure to three of sod that was taken from a pasture lot last fall and heaped up. After the benches have been filled and the top surface made fine, draw crosswise and also lengthwise of the beds straight lines twelve inches apart each way, then sow the seeds where the lines cross, placing four or six seeds at each junction. After the seed is sown and covered water with a fine rose to settle the soil around the seeds. When the plants are up and showing their second pair of leaves, thin to the strongest plant. It is very important to keep them tied up and there are several ways of doing this. All the air should be left on the house until you think there is danger of frost. When the cool weather comes run your temperature anywhere from 45 to 48 degrees at night. Keep a watch out for the cabbage worm and when first seen dust with Slug Shot, for if not kept in check they will soon eat up your plants.

NEPHROLEPS
These ferns should not be too heavily shaded; give only just enough to break the direct rays of the sun when it is powerful for it is of great importance that they have light in the fullest measure if you want stock of good substance. Plants will now advance very rapidly, and in all weathers these ferns must have every encouragement to promote a good stocky growth, by giving liberal supplies of water at the roots, and by keeping moisture in the air by damping down the paths and under the benches frequently. Give proper ventilation to secure a nice gentle circulation of fresh air through your house. Where these ferns were planted in the spring for stock they should now be making an abundance of nice runners that can be potted up and grown on.

John J. M. Farrell

Mr. Farrell's next notes will be on the following: Asparagus Ferns; Annuals for Late Cutting; Compost for Bulbs; Care of Young Roses; Freesias; Lilies for Fall.
Horticulture

VOL. XIV

JULY 1, 1911

NO. 1

PUBLISHED WEEKLY BY
HORTICULTURE PUBLISHING CO.
11 Hamilton Place, Boston, Mass.

Telephone, Oxford 197S.
WM. J. STEWART, Editor and Manager.

SUBSCRIPTION PRICE
One Year, in Advance, $1.00; To Foreign Countries, $1.25; To Canada, $1.50.

ADVERTISING RATES.
For each, 50 inches to page ........................................... $1.00
Discounts on Contracts for consecutive insertions, as follows:
One month (6 times), 5 per cent.; three months (18 times), 10 per cent.; six months (26 times), 20 per cent.; one year (88 times), 30 per cent.

Page and half-page space, special rates on application.

Entered as second-class matter December 8, 1904, at the Post Office at Boston, Mass., under the Act of Congress of March 3, 1879.

CONTENTS

COVER ILLUSTRATION—H. T. Rose Kronprinzessin Cecille.

SEASONABLE NOTES ON CULTURE OF FLORISTS' STOCK—Cyclamen—Care of Orchids—Peas for Dishes—Geraniums for Winter Flowering—Mignonette—Nephrolepis—John J. M. Farrell ............ 5

A HIVE OF INDUSTRY—Illustrated .... 7

DAHLIA WOLFGANG VON GOETHE—Illustrated .... 7

CLUBS AND SOCIETIES:

Massachusetts Horticultural Society—Horticultural Society of Chicago—Louisville Wants the S. A. F. In 1912—Club and Society Notes .... 9

OBITUARY:
Mrs. Frank McMahon—Peter Ott—Edward B. Voorhees—Richard Metcalf—Louis Magin .... 9

DURING RECESS:
Opening at Waretown—St. Louis Picnic—Chicago Bowlers—New York Bowlers .... 11

SEED TRADE—Charles H. Breck, portrait .... 12

OF INTEREST TO RETAIL FLORISTS:
Steamer Departures—New Flower Stores .... 14

Flowers by Telegraph .... 15

FLOWER MARKET REPORTS:
Boston, Buffalo, Chicago, Cincinnati .... 17

Detroit, New York, Philadelphia, Washington, St. Louis .... 19

MISCELLANEOUS:
H. T. Rose Kronprinzessin Cecille .... 7
A Generous Request .... 7
A High Honor Awarded .... 9
News Notes .... 9-19-26

Greenhouses Building or Contemplated .... 11

Philadelphia Notes .... 11

Personal .... 12

Chicago Notes .... 15

Will you do it?
Horticulture, with this issue, enters upon a new volume. "Once a subscriber always a subscriber" is the almost invariable rule with the readers of this paper. Of course there are occasional exceptions but these are so comparatively few that they need not be considered. This most gratifying condition we attribute to the excellence and permanent value of the reading matter we have been enabled to supply. So it is not the regular patrons of the paper that we here address but those who may chance to read these lines but are not yet subscribers. We would respectfully ask all such to glance over the index to the last volume of Horticulture which appears herewith as a supplement and note what a vast amount of good and instructive material is there listed. And further consider that this covers only a period of six months for which subscribers pay just fifty cents! Can you get a better equivalent for the money? Consider further the contents of the advertising department—that great and unimpeachable barometer of the horticultural industries of the country and we believe that after a little reflection you will conclude to send your dollar for a year's subscription to Horticulture. You will find yourself in the best sort of company and the man who has "no time to read the papers" will soon appear to you, as he does to us, as a hopeless "black number." Just one word to those who are subscribers—if each one should send in one new subscriber the circulation of Horticulture would exceed that of any publication in its line in this country.

Watch out Some of the large dealers in forcing bulbs and similar material notice a lack of enthusiasm of late among the trade buyers and this they interpret as an indication that the high pressure methods of recent years, intensified by the increase of competition, have forced the smaller growers into an uncomfortable position, occasioning much disquietude as to the outlook. Unquestionably the small grower is bound to suffer in a dis-proportionate degree from the reduced wholesale values and more exacting market for his product which is the inevitable result of the advent of extensive operators and large capital into the business which he has hitherto been able to control to his own advantage. Overproduction, with unexpected fluctuations and congestion at certain times, is sure to derange and unbalance whatever semblance of system and stability has existed before and conditions more or less chaotic are bound to ensue. No one will question the assertion that the time has come for closer figuring in all lines of commercial horticulture and that the admonition to all to "watch out" is timely

An ethical question A correspondent has sent in for our perusal a clipping from a Baltimore paper wherein it is stated that certain Holland firms have sent in bids in competition with American dealers, for supplying about a quarter million of bulbs for the parks. Our friend submits that such competition hurts the florists and seed-men of America and is "an imposition on American trade that should not be tolerated." The principle involved is an old subject of debate as long as anyone can remember. It might be suggested as a remedy against foreign bidding on public orders that the laws should specify that the buying be done at home, but this restriction would be easily overcome and its purpose defeated by transacting the business through Custom House brokers or direct agents for the foreign houses. If any of our readers have views on this subject which they would like to publicly express we shall be glad to give space in our reading columns to such. Just where to draw the line as to who is properly entitled to wholesale rates and what protection should be given by the producer to the intermediary dealer is a question of vital importance to all departments of the trade.
A HIVE OF INDUSTRY.

There are a few horticultural establishments where there seems to be no dull season and "slack times" is something unknown. The A. N. Pierson place at Cromwell, Conn., is one of them, as anybody who has taken a look over that vast hive of industry will agree.

Stopping off at Cromwell for a little while one afternoon recently we found the indefatigable Wallace H. and his army of employees hustling "like all possessed" as usual. It takes a big output of stock and big income of money to keep such an establishment going and neither of these requisites is lacking. New equipment and construction are constantly going on. The latest notable addition is two 100 H. P. boilers and a 70 x 382 ft. King house. This house has been planted with 12,300 Dark Pink Killarney roses, which shows what Mr. Pierson thinks of that promising newcomer. Among the other recently introduced roses held in high favor, Prince de Bulgarie stands well, and it requires but a look at its splendid style and vigor in the benches or at a jar of the cut blooms with their crisp, dainty pink buds and rich dark foliage to convince one that in this rose we have a stayer with a big future.

In yellows, Mrs. Aaron Ward is a veritable queen, and young stock has been taken over, but Lady Hillingdon stands out as an even greater acquisition. Another debuteante is Budlong’s Double White Killarney, which forms a big full pad, and is pronounced by Mr. Pierson to be "the greatest rose ever introduced into this country" and bound to take the place so long monopolized by Kaiserin as a white rose for summer cutting. Red Killarney, fully described in former note, will be given dissemination during the coming year. The demand for young stock this season has been unprecedented, the call for grafted stock being about two to one as compared with own-root stock. The output thus far has been close to a million and a quarter here.

Chrysanthemum rooted cuttings are also experiencing a very active season. Three hundred thousand are in the cutting beds now, with orders on file for the greater part of them as soon as they are sufficiently rooted.
SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

To Members:
Secretary Dorner is sending to each member of the Society a message calling attention to the fact that our membership is at the mercy of each individual member, and it is earnestly hoped that every member will respond promptly. It is requested that each member send in one name for membership in the Society. There is not one member that cannot easily do so, and this action, by increasing the membership, will aid in a more efficient welfare of the Society and the trade in general. As the secretary points out in his message, the florists are greatly indebted to the Society for its excellent work in the past, and a large membership roll will most certainly give it strength when there are wrongs, local or national, to be righted for the trade. The Society needs the support of all the growers, and each member should see that every commercial establishment in his locality is represented in this national organization.

The coming week is one of welcoming one new member. Take advantage of the local club meetings and summer outings to talk it up with those in attendance, pointing out that each name added to the list increases the usefulness of the Society and makes it stronger when it has a case to present before the courts, the legislature, the express companies, the interstate commerce commission, the railroads, or any other body which has power to extend or withhold privileges.

In other lines of business grievances are quickly removed by close organization of the interests affected, and our difficulties in making new laws and amending every existing one would be greatly lessened if we could present a more united front and batter down the opposition. Farmers and others get what they want in this way, and there is reason why we should not get prompt consideration, if each member of the organization does his duty now. The work is light; secure new members; a strengthened membership will just double the power of the organization in acquiring rights and privileges too long denied us.

I say again, we need added force, the strength of numbers. Business conditions grow more strenuous every year, and we need the assistance of everyone in every way we can get it. The Society exists for the good of all, and every man in the trade should help.

GEORGE ASMIC, President.
Department of Plant Registration.

Public notice is hereby given that Hoerger Bros., of Chicago, are offering a prize of $1,000 to the first person who will raise a rose described below. Any person objecting to the registration or to the use of the proposed name, is requested to communicate with Secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Description.—Parentage unknown. Appears to be a cross of Killarney and Golden Gate. Has the habits of Killarney, and flowers the shape of Golden Gate, but much larger. Growth very strong and free; height 4½ to 5 feet; color bright pink, a shade darker than Killarney; abundant bloom; foliage strong and clean; a fine forcing rose, at its best from October to May. Name: Wilhelmina.

H. B. DORNER, Secretary.
June 22, 1911.

FLORISTS CLUB OF WASHINGTON.

Arrangements for the annual outing and business meeting of the Florists' Club of Washington are now practically completed. The outing will be held at Huntsville, Md., where exclusive use of the grounds has been arranged for on July 12. The Baltimore & Annapolis Electric Railroad has provided three special trains for the accommodation of the Dorsen Prof. Duties.

Most of the florists will close their places of business at noon on July 12, so that everyone may enjoy the outing. Members of the national society present, including Philip Breitmeyer, former mayor of Detroit. Plans have been made for the holding of all sorts of sports and games between the greenhouse men and the retailers. A tug of war is also scheduled. W. R. Smith, of the Botanic Garden, will give a talk on trees, illustrating his subject with specimens growing on the picnic grounds. The sale of tickets is in the hands of a committee composed of John Roberts, Jr., W. W. Kimmill, W. G. Bunyard, Edward Schuld, and W. A. Bolinger. The regular monthly meeting of the Florists' Club will be held July 6 at 1214 11 street. At this meeting final action will be taken on all matters pertaining to the outing. The subject of attending the annual meeting of the S. A. F. & O. B. at Baltimore will also be discussed. On this occasion the place of meeting, Gude's floral store, will be converted into a groto and rathskellar and the club will be treated to a crab feast by Edward Schuld.

DETROIT FLORIST CLUB.

This club had the rare opportunity at its last meeting to listen to H. B. Dorner of Urbana, Ill., who, in his scholarly way, explained the minutest detail of the work being done by the experiment station in Urbana for the benefit of the florist. The work done by the experiment station and the experiment stations in Chicago and other cities was described and the importance of each was emphasized. The experiment stations and the experimenters are doing much work of great importance to the florists, and their work should not be neglected.

NATIONAL SWEET PEA SOCIETY OF AMERICA.

Today, June 29, as we go to press, the Sweet Pea Society is busy with its annual meeting, which is being held in Philadelphia. Full details will be given in our next week's issue. President W. Allee Burpee, governed by the original proposition to hold the meeting on the 29th of June, engaged passage on the Olympic, sailing for Europe on Wednesday, 25th, and consequently is unable to be present on this occasion. In the absence of the national officers, he left in charge of Secretary Bunyard a letter, of which the following is a copy.

Harry A. Bunyard, Esq., Secretary.
Hon. Mr. Bunyard,—Will you kindly express to our fellow members of the National Sweet Pea Society of America my sincere regrets that instead of being present members, whatever their capacities, for which I am scheduled on June 29th, I am compelled to offer an apology and explain the position.

The "apology" will surely be accepted when you are aware that President Burpee was only after our March meeting in Boston, when the date of the Philadelphia Exhibition was fixed as June 29th. He engaged passage for myself, Mrs. Burpee such a step being necessary on account of mines that we could attend the exhibition of the National Sweet Pea Society, meeting on May 15th, which we were compelled to miss last year.

Kindly explain also how deeply I regret that I was unable to attend the opening meeting and other fellow members, after conference (two or more being necessary), to establish the dyna- vitan Horticultural Society, that, owing to the lateness of the season, it would be necessary to postpone it at least a week.

But "on the briny deep" I shall be with you all in spirit and shall look forward to arriving on Tuesday, July 4th, upon arrival at Southampton to learn telling of the success of this third annual exhibition. I feel quite certain of your careful management and you are well entitled to be called "The Father of the National Sweet Pea Society"—assisted by our vice-president and other officers, together with such willing helpers as Messrs. Trappe, Pen- nock, Rust, Watson, Michell, Earl and Kerr, the exhibition will be a decided success.

Such work as you and your co-laborers have done to date at the two previous exhibitions of our organization shows a rising value in bringing to the notice of the trade and of the public the importance of the sweet pea as deservedly the most popular of all flowers grown from seed.

But should I continue in this strain I may tire you with my promotion for the sweet pea, even more than if I could have been able to deliver in person "President Burpee's Address," for which your schedule has been booked. But two words more are closing. At our meetings we have never discussed politics. Your present president, therefore, does not know the political opinions of his members. As a political question may be, however, I think that most of our members will agree that the ex-President of the United States who has gone down in history as his successor President Taft, who certainly was a great man, may have been regarded as an honest, intelligent executive.

I would like to have you know that I am unable to suggest that upon reading this letter (if you think it worth reading) that some member of the House of Representatives, William Sim of Cliftondale, Massachusetts, in whom I have high personal regard, but whom I feel more that the nominations for president be closed. Mr. Sim needs no introduction; he represents a section of heavy industry and is very effective in his work for the advancement of his State and the interest of his country. I feel sure that this suggestion of your approval it will meet with the hearty approval of all.

Any members who may remain ever Fri- day, May 24th, and who have made reservations on the trains leaving Reading Terminal, by 11:30 A.M. on that day, are kindly requested to announce that railway tickets and full infor- mation will be gladly furnished by Mr. Earle or Mr. Kerr.

With renewed assurances of my deep re-
gret in not being with you all at Philadel-
phia and Fort Worth, today. Yours for Con-
tinued Progress in 

SWEET PEAS.

Just as our forms are closed a tele-
gram from Secretary Bynum states that
the exhibition and opening session 
Thursday afternoon are a great ex-
hibit. Encouragement for the re-
nomination of President Bur-
ppee, Vice-President Wm. Sim occupied 
the chair. An address of welcome was 
made by Robert Craig and J. K. M. L.
Fay. The meeting was recessed. Mrs. 
Morse Chitt was won by Burpee with a 
magnificent exhibit.

MASSACHUSETTS HORTI-
CULTURAL SOCIETY.

The annual rose and strawberry ex-
hibition came off last Saturday and 
Sunday at Horticultural Hall, Bristol. 
There were excellent displays in both 
series. The relative speeding effect of 
recent rains and the strawberries and other seasonal fruits were never better in quality. The strawberry and attraction to an attendance of about 2,000 visitors. Among the special attractions was an extensive general display of shrub bloom, peonies, etc., from R. J. Far-
quay & Co. The awards for flowers 
are as follows:

Hardy roses: 1st, Miss S. R. Fay, John 
C. Chaffin Fund (the same authors only); 
2nd, The late Mr. and Mrs. Geo. Fay; 3rd, 
Robert Seaver, Frau Karl Lurisch. 
Three bloomers, all named were: 
1st: Robert Seaver, Mrs. John Luing; 2d, 
the same for Mrs. G. B. Shor-
man; 3d, Col. Charles D. Burt. A 
hybrid perpetual rose: 1st, Robert 
Seaver, Uriah Brouwer; 2d, Mrs. 
Josephine Metcalf. Three blooms of 
three new hybrid perpetual rose not 
in any American Florists' Guide to 
Mrs. Robert Seaver, Frau Karl Lurisch. 
Hybrid perpetuals, two of these vari-
teties, three of each: 1st, Miss S. B. 
Fay, National Florists' Fund; 2d, Miss 
S. R. Fay; 2d, J. W. C. Chenison. Six 
named varieties, one of each: 1st, Miss 
S. B. Fay. Best collection of hybrid tea 
roses, not less than twelve varieties: 
Miss S. B. Fay. Best three blooms of a 
variety introduced since 1925: Robert Seaver, 
J. B. Clark. Six blooms of Frau Karl 
Lurisch; 2d, Mrs. John Luing; 3d, Mrs. 
J. W. C. Chenison. Six blooms of 
Mrs. R. G. Shor-
man; 2d, Miss S. R. Fay; 2d, W. J. Chenison. Six 
Mildred Hickson: Miss S. B. Fay; 2d, Miss 
S. R. Fay; 2d, W. J. Chenison. Six 
A. EA. C. Gammon. 

Louisville wants the S. A. F. 
HOPE.

Fifty florists from Louisville and 
New Albany met last night at a dinner 
at the Louisville Hotel as guests of 
the Louisville Convention and Pub-
licity League for the purpose of ar-
anging plans to secure for Louisville 
the 1912 convention of the National 
Society of Florists.—Louisville (Ky.) 
Courier Journal.

CLUB AND NOTES.

The regular meeting of the Chicago 
Florists' Club will take place at the 
United Restaurant July 6. Walter S. 
Mitchel of Veldy & Co. and Fertilizer 
Co. will read a paper on fertilizers.

A committee, consisting of J. 
Quinette, P. A. Chopin and Paul 
Abele has been appointed to look out 
for the interests of the florists when the 
so-called "by ordinance" comes up for 

passage.

The Syracuse Rose Society held their 
first show on the 15th and 16th. It 
was not a success in any way. The 
exhibits were not of the size as is 
expected, and the public did not patronize it 
as some anticipated.

Arrangements for an outing, which 
is an annual affair with the members of 
the New Orleans Horticultural So-
ciety, have been started. A commit-
tee of three, consisting of Messrs. 
Baker, Panter and Elbe, was appointed 
Thursday. No data as to the exact 
s date has been set for the outing, 
but it is proposed to have it about 
the middle of July.

A HIGH HONOR AWARDED.

The H. Hunnewell triennial pre-
mium for the most tastily laid out and 
planted estate, in a competition ex-
sisting over three years, has been 
awarded to Col. Harry E. Converse, 
"The Moorings," at Marion, Mass. 
The garden committee of the Massachusetts 
Horticultural Society was 
duty of the bestowal of this honor, 
visited "The Moorings" on 
Monday, June 26, and were escorted for its 
various attractions by Col. Converse 
under the escort of Capt. Roy, to 
whose skill as a gardener, industry 
and judgment, the credit is due for the 
splendid development of this 500 acre 
estate. Upon the principles for which a 
habitation has been made during the past two months, of which we shall have more to say 

later on.

June 29, 1911.

Horticulture. Enclosed please 
find $1.00, my subscription to HORTI-
CULTURE, which has been a valuable 
asset in the past, hoping it will be 
even more so in the future.

O. A. H., Conn.

Obituary.

Peter Ott. 

Peter Ott, head florist for the 
Baltimore & Ohio railroad at Mansfield, 
Ohio, and said to be the oldest florist 
in the city, died at his home on June 11. 
He had been employed by the road 
twenty-seven years.

Edward H. Voorhees.

Dr. Edward B. Voorhees, a well 
known authority on fertilizers, director 
of the New Jersey Agricultural Ex-
perimental Station and professor of 
agriculture at Rutgers College, died June 6, at New Brunswick, N. J.

Richard Metcalf.

Richard Metcalf, florist, died at his 
home, 1011 Jefferson avenue, Brooklyn, 
N. Y., June 18. He was born in Ripon, 
England, in 1841, coming to this 
country while a young man. In recent 
years he has conducted three establish-
ments in Brooklyn.

Louis Magin.

Louis Magin, a retired florist, was 
rushed over and killed at 4:30 
Saturday, when a train struck and 
his home in Maplewood, St. 
Louis, Mo. He was 50 years old and 
president of the social club in Maple-
wood, and the West Greenhouse Club. 
He leaves a widow and three children 
to mourn his loss.

Mrs. Frank McMahan.

A telegram has been received an-
nouncing the death on Tuesday night, 
June 27, of the wife of Frank 
Mcmahon, rose grower, of Seabright, N. 
J. Details are lacking, but we take 
opportunity to express our deep sym-
pathy with Mr. McMahon in his great 
sorrow. Mrs. McMahon was a lady of 
true and lovely personality.

NEWS NOTES.

Rockton, III.—Joseph H. Farnsworth 
has purchased the greenhouses of 
Roscoe Gammon.

Lima, O.—Adolph Frick will now 
discontinue under the name of Adolph 
Frick & Son, as he has taken his son 
into partnership.

Gouverneur, N. Y.—The Brainard 
greenhouses have been leased by 
John T. Humphrey of Rome, N. Y., 
and he will take possession about 
Oct. 1.

Omaha, Neb.—C. C. Cole has been 
appointed manager for the Stark 
Brothers Nurseries and Orches Co. He 
was formerly their representative at 
Carthage, Mo.

West Grove, Pa.—American Pillar 
roses are now in full bloom at The 
Connard & Jones Company nursery, 
June last was planted last June, an-
other on July 12th, from 2½-inch pots, 
both a mass of bloom. Anyone seeing 
these plants can easily understand why 
is variety created such a sen-
sation at the Temple Show, London, last 
year. It would be interesting for rose 
lovers to note and see the difference 
between this and other varieties. 
Philadelphia is also showing up grand. 
The recent rains have brought out the 
color wonderfully.
Coldwell Lawn Mowers
Hand, Horse and Motor

Coldwell’s Motor Lawn Mowers
Will do the work of three horse lawn mowers—and do it better

Coldwell’s
Style "D"
Motor Lawn Mower

They will mow up 20 per cent grades. They leave no hoof prints as horses do.
They will roll the lawn smoothly. They do away with the expense of two men and three horses.
They are of no expense when not in use. They are simple to operate and economical.
They are a necessity on every large lawn

Catalogue sent on request

Manufactured by
Coldwell Lawn Mower Company
Newburgh, N. Y.
During Recess

Opening at Waretown.

Once more the date for the time-honored ceremony of opening for the season the hospitable clubhouse at Waretown on Barnegat Bay came around; once more generous Commodore John Westcott got into the harness as host—the occupation he likes best of all; and once more, on Friday, June 23, did the fortunate recipients of an invitation make their way to the spot where good cheer abounds and dull care is forgotten. From Philadelphia came Wm. R. Smith, John Clark and W. F. Gade; from Summit, N. J., N. N. May; from Boston, J. K. M. Farquhar and Wm. J. Stewart; from Philadelphia, John Burton, Geo. C. Watson, S. S. Pennock, Robert Craig, Reht, Kift, David Rust, George Craig, W. B. Westcott, Geo. Anderson, D. Donoghue, Dr. F. Lane and R. McKee.

The visitors brought with them a set of Balaza—16 volumes—for the library, and presentation of same to Mr. Westcott was eloquently done by Mr. Craig.

Blue fish were beginning to “run” in the bay and some nice catches for some of the season were made.

All Waretown events are good, but this was “the best ever.” May the genial proprietor live many years to enjoy the pleasures of disseminating sunshine among his brother men.

St. Louis Picnic.

The St. Louis florists’ picnic will be held July 20th at Ramona Park. This will do the committee that met last week. The wholesalers have agreed as usual to close up at noon on that day. A great many retailers will also close for half a day. A fine band has been engaged for the occasion. Everything will be free, the florist club paying all the expenses.


Baseball contests between the Wholesalers and Retailers will again be enjoyed.

The Wholesale Quartette, composed of employes of the W. C. Smith’s wholesale house invited trade paper correspondents to one of their rehearsals last week. Mr. Patton’s song, “Watch Us Grow,” was like a barrel of raim— it was well rendered; so were all the other songs they sang. They will surprise some of the knowing ones at the florists’ picnic.

Chicago Bowlers.

Members of the Chicago Summer Bowling League are keeping up their interest and Mrs. McKellar and Mrs. Asmuss bowled with them last week. Some good playing is expected from the Chicago bowlers at the convention.

Scores for June 20th were as follows:

Kraus 191 161 129 Olsen 391 204 166
Pratt 142 135 92 Wolf 239 112 90
St’Asua 141 159 187 A. Zek 206 132 176
J. H. Baer 147 123 136 Graff 199 103 209
J. Zek 167 199 182 Asmuss 131 151 147
Ayers 174 191 161 Stevens 242 222 206
A. G. Zier 112 212 — McKeel 171 143 —

Mrs. M. a’s — — 122 Mrs. McK — — 102

New York Bowlers.

Scores recorded on Friday evening, June 23, 1911, were as follows:

Munda 179 298 162 Childwick 202 233 205
Scott 166 158 197 Nuxent 111 158 153
Kahuda 194 215 154 Pauline 190 196 199

The Chicago Carnation Co.’s baseball team lost out, 10 to 12, last week when playing the Washington Street team. Lockport team being disabled.

The Greek-American florists’ outing will take place on July 6th on the steamer John Sylvester in New York harbor.

GREENHOUSES BUILDING OR CONTEMPLATED.

Plymouth, Ind.—Jacob Jordan, one house.

Chicago, Ill.—Frances B. Stammeyer, one house.

Hempstead, N. Y.—Henry Weston, sweet pea house.

West Newbury, Mass.—Chas. F. Newell, additions.

Brooklyn, N. Y.—Henry Hession, two houses, each 59 x 192 feet.

Hobart, Ind.—A. Londinberg & Sons, two houses, each 27 x 160 feet.

Murray Hill, N. Y.—Lyman B. Coddington, large sweet pea house.

Percy, Pa.—West Laurel Hill cemetery, four houses, 150 x 150 feet.

Yonkers, N. Y.—S. Untermeyer, Greystone, Lord & Burham house 30 x 110.

Elmhurst, Ill.—Wendland & Keilmann, ten houses, 20 x 120; one house 27 x 200.

Saginaw, Mich.—John W. Roethke Flower Co., rebuilding range of houses.

Detroit, Mich.—Gust. Taepke is remodeling four houses on his Elmwood avenue plant.

Dedham, Mass.—R. J. & Farquhar & Co., one house 50 x 200, one house 54 x 200. King construction.

Jackson, Mich.—Clark, Brown & Co., chrysanthemum house, 20 x 100. Other houses are projected for the future.

Grand Rapids, Mich.—R. Yonkers, two large houses; Peter Blanksma, rebuilding two houses; Henry Smith, two violet houses.

The Boston office of the Lord & Burnham Co. has recently hooked the following contracts:

Lawton, Me.—Ernest Saunders, house 33 x 85 ft.; Newport, R. I., H. J. Hass, one house 36 x 100; one 12 x 160; Butler Hospital, Providence, R. I., large palm house.

Among the orders just billed by the Foley Mfg. Co. is one for a range of eight houses for Wendland & Keilmann. Elmhurst, Ill., to be equipped with flat rafters and steel channel gutters. Another just completed is for the new range for Wm. Brentmeyer at Charlotte, Mich. and still another for Hol- ber Bros. at Newcastle, Ind. A contract is just being executed for Dingee & Conard, West Grove, Pa. All are using the new style gutters and malac- tic iron sash bars.

PHILADELPHIA NOTES.

Leo Niessen has been on a short vacation to the city by the sea. In Philadelphia pertain this means Atlantic City, of course.


When Uncle Sam wants horses for war—real use, he don’t select them from beauty shows nor according to looks. He buys up such as street-car horses, all he can get, and such animals that have made good by steady honest work—the animal that averages well—day after day—for they have the power of endurance that will surpass anything in the world.

Cold Storage Horses.

Brand Giganteum have the same superior power of endurance. They have proved good—have stood the storage strain, and will average higher than any brand known in flowering results. We still have a limited quantity of fully matured Giganteum of last December delivery, which are excellent Cold Storage goods. They cost a little more perhaps than some brands but they are worth a lot more we think. Try them—order now.

Ralph M. Ward & Co.

12 West Broadway NEW YORK CITY

Not How Cheap But How Good

Bamboo Canes and Cold Storage Giganteum, Formosum, Auratum and Magnificum ready for delivery now or later.
PANSY SEED TIME

PANSY—Boddington's "CHALLENGE" ALL COLORS

This mixture contains all the finest Giant strains—of the leading Pansy Specialists in the world—the Giant self-colors, the Giant striped and margined, and the Giant blotched, etc., all carefully mixed in proportion—the finest that money can buy—at the fixed money can buy. A florist who has grown it said, "Why don't you call it Defiance?"

Trade pkt., 56¢; 1/2 oz., 75¢; 1 oz., $1.50; 1/2 lb., $2.75; oz., $5.00

Choice Varieties of Giant Pansies

Giant Fire King. Brilliant reddish yellow, with large brown eyes........ 15 $0.25 $1.00 $3.00
Giant Lord Beaconsfield. Deep purple violet, top petals light blue...... 15 $0.50 1.50
Giant Canary Bird. A five-spotted yellow variety. Ground color, a deep golden yellow and each petal is marked with a dark blotch.................. 15 $0.50 3.00
Giant Orchideoflora, or Orchid-colored Pansy. Splendid variety. Beautiful shades of pink, blue, orange, rose, terra cotta, etc.......................... 25 1.25 4.00
Giant Emperor William. Ultramarine blue, purple eye .................. 10 $0.50 1.50
Giant Golden Queen. Bright yellow, no eye. 15 $0.60 2.00
Giant Golden Yellow, Yellow, brown eye. 25 $0.75 2.50
Giant King of the Blacks (Fauns). Black. 15 $0.60 2.00
Giant President McKinley. Golden yellow, large dark blotch............ 15 $0.50 3.00
Giant Prince Bismarck. Yellowish bronze, dark eye .................. 25 $0.75 2.50
Giant Rosy Lilac. 15 $0.60 2.00
Giant Pretiosa. Crimson-rose, white margin. Violet blotch.................. 15 $0.60 2.00
Giant White. Violet spot, the largest white. 10 $0.50 1.50

VEGETABLE PLANTS

CABBAGE, Wakefield, All Head, Succulent, and other varieties, $1.00 per 1000; 10,000 and over, @5¢ per 1000.
LETTUCE, Grand Rapids, Big Boston, Boston Market and Tennis Ball, $1.00 per 1000; 10,000 and over, @5¢ per 1000.
BEET, Crosby, Egyptian and Eclipse, $1.25 per 1000.

CASH WITH ORDER
R. VINCNET, JR. & SONS CO., WHITE MARSH, MD.

Golden Self-Blanching Celery

White Prince, Giant Pascal transplanted plants, $2.75 per thousand. Untransplanted plants, $1.00 per thousand.

ARTHUR T. BODDINGTON, Seedsman, 342 West 14th St., NEW YORK
PERENNIAL FLOWERS

Every florist should have a fairly representable collection of “Perennial Flowers” in his establishment. Be it either for the purpose of growing them for cut-flowers or plant trade. Many of the best varieties are readily grown from seed but in order to have them fairly large in the spring they should be sown in June.

We offer a very complete collection in our “Wholesale Seed Catalogue.” Write for it to-day

HENRY F. MICHELL CO., 578 Market St., Phila.

TURNIP SEED BEANS] for immediate delivery
LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO
Wholesale
SEED GROWERS AND DEALERS

Florists and Seedsmen Sell Your Own Scratch or Poultry Food

We will make it for you under your own brand for $28.00 PER TON

Send to-day for sample 100 lb bag, $1.00. Mr. C. E. Jensen of Ashton, Co., N. J., on Oct. 27, 1910, writes as follows: — I was so tired that your three grades of Poultry Food; Chick Starter, Developing Food and “Square Deal” Scratch or Poultry Food stands without an equal to-day. They are perfect mixtures and sound on grain and a pleasure to handle.

J. BOLGIANO & SON,
Importers and Wholesale. Established for 32 Years.
Baltimore, - MD.

FINEST FLORISTS’ SEEDS

Price list free on request.
Joseph Breck & Sons Corp.
47-54 N. Market St., BOSTON, MASS.

Import Bulb List

Well Worth Reading
SEND FOR A COPY

The W. W. Barnard Co.
108-110 W. Kinzie St., CHICAGO

Bridgeman’s Seed Warehouse

RICKARDS BROS.
Props.
37 East 19th St., - NEW YORK CITY

Headquarters for

SPRING BULBS
Send for Trade List

John Lewis Childs
Flowerfield - LONG ISLAND, N.Y.

SEEDS, PLANTS, BULBS

All seasonal kinds of best quality
Special prices on large lots

JAMES VICK’S SONS,
Seedsmen
ROCHESTER, N. Y.

Burpee’s Seeds

Philadelphia

Blue List of Wholesale Prices mailed only to those who plant for profit.

In ordering goods please add “I saw it in HORTICULTURE.”

Farquhar’s Flower Seeds for The Florist

Write for our Wholesale Catalogue

R. & J. FARQUHAR & CO.
Boston, Mass.

SEEDS SOWN NOW OF
ANTIRRHINUM
WILL PRODUCE
CUT FLOWERS NEXT WINTER
GIANT STRAIN
The House, 601 Trade Pl., No.
BOSTON

Established 1820

Asparagus Plamosus Manus
New Crop Just Received
We offer while unsold as follows:
1,000 seeds $1.00
5,000 seeds and up @ 62.50 per 1000
10,000 seeds and up @ 2.00 per 1000
20,000 seeds and up @ 1.75 per 1000

Cold Storage Lily of the Valley Pips
HIGHEST GRADE
Cases of 1000 pips @ $1.30 per case
Cases of 2000 pips @ $2.00 per case

J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

CHOICE SEEDS
FOR PRESENT PLANTING
Stocks, Asters, Chinese Primulæ, etc.
THOMAS J. GREY CO.
32 South Market Street, Boston, Mass.

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas, Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.
Of Interest to Retail Florists

Phila., Pa.—C. Trepel has purchased the Lancaster Blossom Shop.

Camden, N. J.—The florist business of Arthur Crouch has been discontinued.

St. Paul, Minn.—The Merriam Park Floral Co. has purchased the business of August Swanson.

Creeley, Col.—P. O. Hansen, of Port Dodge, Ia., has purchased the greenhouses of W. H. Seabing.

St. Louis, Mo.—The store of Grimm & Gorley, 1518 Pine avenue, has been purchased by E. O. Simmons.

Eugene, Ore.—R. Rae has purchased the florist business of Ruggles Bros. and will consolidate the two.

Beloit, Wis.—J. H. Farnsworth has bought an interest in Mr. McMaster’s Floral Shop, which will now be known as the Beloit Floral Shop.

STEAMER DEPARTURES

Alcan.
Paris, France........July 7
American.
New York, N.Y.,.........July 1
Philadelphia, Pa.,.......July 8
Anchor.
Copenhagen, Denmark....July 1
California, Cal.,........July 8
Atlantic Transport,
Minneapolis, Minn.,....July 1
Minnesota, Minn.,.......July 8
Cunard.
Caronia, N.Y.,...........July 1
Saxonia, Y. M. Mediterranean,..July 3
Mauretania, Y. M.,........July 5
Hamburg-American.
Cleveland, Y. M.,........July 1
Molice, N. Y. Mediterranean,..July 11
Holland.
Ryndam, N. Y.,...........July 4
Potsdam, N. Y.,...........July 11
Leyland.
Winfridhian, Boston, Mass., July 1
Bohemian, N. Y.,...........July 8
North German Lloyd.
Prinzippe Irene, Y. M.,Med.,..July 1
Kroo Krystallo, Y. M.,........July 8
Bremen, N. Y.,............July 6
Kr. Wilhelm, Y. M.,........July 11
Red Star.
Kroonland, N. Y.,...........July 1
Pindian, N. Y.,...........July 1
White Star.
Arable, N. Y.,.............July 1
Canopie, Boston, Mass.,.....July 1
Currie, Boston, Mass.,.....July 3
Adriatic, N. Y.,...........July 5
Celtic, N. Y.,.............July 8

BOSTON, Mass.—William Penn, florist, Boston, was married on June 27 to Miss Sophia Rosenbush. Mr. and Mrs. Penn left Boston on the 28th and will go to Europe, where they will visit the home of the bride’s parents in Hamburg.

NEW FLOWER STORES.

Dixon, Ill.—The Fallstrom Flower Shop, Warner building.

Los Angeles, Cal.—Jack’s Flower Shop, 201 West Fifth street; Jack D’Ortigue, proprietor.

Penn, the Florist, has completed and opened for business the new addition to his store on Broadway street, Boston, which doubles his floor space, giving him 40 feet of plate glass frontage and one of the most commodious and beautiful saloons in New England.

ALBANY, N. Y.

EYRES

Flowers or Design Work
DElivered IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
11 North Pearl St., Albany, N. Y.
ChicAgO nOt’es.
Wreck.
Among the Chicago people severely shaken up by a collision on the Chicago & Milwauk ee Electric, Sunday night, are the parents of Miss Martha Gupteau, both of whom are quite badly hurt.

Trade Items.
The Schiller Co. have plans laid for again enlarging their store on West Madison street. Additional work room is needed to handle their trade.

The E. H. Hunt Co. is offering special inducements to buyers during the summer months. A full list of supplies will be mailed upon application. See advertisement in another part of this paper.

Chas. McKellar finds the demand for cattleyas very good this month. The Mossis and gigas are both looked upon with favor by the June brides, and make very acceptable shower bouquets when used with lily of the valley.

The horse show of the South Side Country Club last week, which is a society event, called for the use of catleyas for corsages and table decorations. There were a hundred dinner parties given during the week.

Charlotte Ave. and 47th street, Chicago, has a fine new ice box and is refurnishing and redecorating her store. The color scheme of dull green and white will prevail.

John Kruchten finds his work at his greenhouse plant to be fully one month ahead of the average year. He makes a specialty of Killarney roses and, despite the unusual weather, has some of the best stock of that favorite rose to be seen.

The Chicago Flower Growers’ Association at a recent meeting decided upon the location at 176 Michigan avenue, mentioned in last issue. This moves the wholesale market area another half block east. The store is being put in shape and will be ready for occupancy about the 15th of July. No choice of manager has been made yet.

The J. C. Moninger Co. have just completed their extensive catalogue, upon which they have worked for two years. It covers every want in greenhouse construction, and its half tones and coloring make it very attractive as well as useful. Their boilers are now made in Geneva, N. Y. The Moninger Co. report an unusually busy season.

Kroeschell Bros. have been given an order for a duplicate to the No. 11 boiler they exhibited at the National Flower Show at Boston. The purchaser, John Barr, of South Natick, Mass., has found it so satisfactory that he will install a second one in his new addition. The Kroeschell boilers are taking long journeys this month, one going to Vancouver, B. C., another to Great Neck, L. I., for a private place, and the third to Chas. Disler at Irvington, N. J.

Personal.
J. A. McAdams of Fort Worth, Tex., is a Chicago visitor.
Mr. and Mrs. O. P. Bassett are spending a few days in Detroit this week.

Harry Balsby of Detroit is calling on friends here, on his way back from there.

Alex Newitt of St. Joseph, Mo., is here to attend the wedding of his niece at Joliet, Ill.

Henry Kruchten will spend a month in Colorado, making Denver his headquarters, but spending much time in the mountains.

Alex, Newitt of the Stuppe Floral Co., of Louis., is looking on old friends here. He was for several years with the J. B. Deamod Co.

Harry Philpott and A. T. Pyer are planning to take their annual outing together, immediately after the next meeting of the Florists’ Club, of which they are officers.

Jack Byers of the Chicago Carnation Co., left Monday for a cruise with his motor boat, on the eastern shore of Lake Michigan. He will visit the lake shore towns and return in two weeks ready for another six weeks of hard work for the business firm he is running.

Mr. and Mrs. Frank Pasternick have returned from their brief wedding trip, and are receiving the congratulations of their friends. Among the wedding gifts were many tokens of the regard in which the trade, both wholesale and retail, hold the groom.

Adolph Pohlmann had a narrow escape from a serious injury June 22nd. As he was stepping into his survey at Plant "B," the horse started to run, and with the lines dragging ran to Plant "A," successfully making all the turns, but striking a post in the yard. Mr. Pohlmann was thrown violently to the ground, and suffered internal injury. His physician thinks he will soon be about again.

"FLOWERS BY TELEGRAPH."
Leading Retail Florists Listed by Towns for Ready Reference.
Amsterdam, N. Y.—Hatcher.
Boston—T. F. Galvin, 13 Tremont St.
Brooklyn, N. Y.—J. T. Brown.
Buffalo, N. Y.—Palmer’s 301 Main St.
Dayton, Ohio—Matthews, The Florist.
Detroit, Co.—Park Floral Co., 1411 Broadway.
Dutchess, N. Y.—J. A. Zinn.
Fitchburg, Mass.—Samuel Murray, 921 Grand Ave.
Hartford, Conn.—William L. Rock Flower Co. 1316 Walnut St.
Lincoln, Nebr.—C. E. Kline.
Louisville, Ky.—Jacob Schulz, 550 South Fourth Ave.
New York—David Clarke’s Sons, 2193 Broadway.
New York—Dade, II. E. co., 44th St.
Philadelphia, Pa.—Temple, C. F., 2050 South 21st.
Portsmouth, Ohio—H. J. Dunlop, 90 Young St.
Washington, D. C.—Ode Brea, 1214 F St.
Westley, Mass.—Talley.
WHOLESALE FLOWER MARKETS—Trade Prices Per 100

<table>
<thead>
<tr>
<th>ROSES</th>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHILA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aw. Beauty, Fancy and Special...</td>
<td>15.00 to 25.00</td>
<td>15.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>20.00 to 30.00</td>
</tr>
<tr>
<td>&quot; Extra</td>
<td>12.00 to 15.00</td>
<td>20.00 to 15.00</td>
<td>24.00 to 20.00</td>
<td>24.00 to 20.00</td>
</tr>
<tr>
<td>Riccardi Chateau, Fancy &amp; Spl.</td>
<td>8.00 to 10.00</td>
<td>10.00 to 8.00</td>
<td>10.00 to 8.00</td>
<td>10.00 to 8.00</td>
</tr>
<tr>
<td>&quot; Lower grades</td>
<td>6.00 to 8.00</td>
<td>5.00 to 8.00</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Pau &amp; Spl.</td>
<td>4.00 to 8.00</td>
<td>5.00 to 8.00</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>&quot; Lower grades</td>
<td>3.00 to 4.00</td>
<td>5.00 to 8.00</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>Bride, &quot;Maid, P. &amp; S...</td>
<td>5.00 to 8.00</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>&quot; Lower grades</td>
<td>3.00 to 4.00</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>Carnations, Fine Quality...</td>
<td>5.00 to 7.50</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>&quot; Ordinary</td>
<td>3.00 to 5.00</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
</tr>
</tbody>
</table>

MISCELLANEOUS

- Cattleyas... 3.00 to 5.00
- Lilies, Longstemmed... 3.00 to 5.00
- Lily of the Valley... 3.00 to 5.00
- Gladioli... 3.00 to 5.00
- Stocks... 2.00 to 3.00
- Snapdragons... 2.00 to 3.00
- Sweet Peas... 1.00 to 1.50
- Gardenias... 2.00 to 3.00
- Adenium... 1.00 to 1.50
- Sunlax... 1.25 to 1.75
- Asparagus Plumosus, strings (too) 5.00 to 10.00
- " & Spreads, (100 lbs.) 5.00 to 10.00
-ék.. 4.00 to 15.00
- " & Sprays, (100 lbs.) 5.00 to 15.00

J.A. BUDLING
82-84-86 E. Randolph St., Chicago

Our Stock is A-1 and It is Quality Not Prices That Talks

The Largest Florists' Supply House in New England

Everything in Flowers, from Best Growers. Complete stock of Florists' Greens, Favors, Box, Southern Smilax, Laurel, Loxochoa, Calais, bronze and green, Moss. Three Floors of Baskets, Sheaves, Dozens, Cape Flowers and all other supplies.

HENRY M. ROBINSON & CO.,
15 Province Street, Boston, Mass.

To Cut Flower Growers and Retail Florists

IF YOU want to find a market for your product
want a regular or special supply of the product of the best growers
Consult the Advertisements on these Wholesale Flower Pages

The Advertisers Represented Here are the Leading Concerns in the Wholesale Flower Trade

WELCH BROS.
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED
226 Devonshire Street, Boston, Mass.

CHAS. W. McKELLAR
51 Wabash Ave., Chicago

Western Headquarters for Choice Orchids Valley, Roses and all Cut Flowers

PETER REINBERG
WHOLESALE CUT FLOWERS
37 Randolph St., Chicago, Ill.

POEHLMANN BROS. CO.
23-35-37 Randolph St., Chicago

CUT FLOWERS
Greenhouses, Morton Grove, Ill.

John Kruchten
Wholesale Cut Flowers
162 N. Wabash Ave., Chicago

ROSES AND CARNATIONS
Our Specialties

George B. Hart
WHOLESALE FLORIST
24 Stone St., Rochester, N.Y.

The J. M. McCullough's Sons Co.
WHOLESALE COMMISSION FLOREST\S

CONSIGNMENTS SOLICITED

Special attention to shipping orders. JObbers of Florists' Supplies, Seeds and Bulbs. Price list on application.

Phone Main 548, 310 Walnut St., Cincinnati, O.

In writing to Advertisers kindly mention Horticulture
Flower Market Reports.

BOSTON

Last week's business was excellent all through.

The first three days of the present week were the same, but at the close there is every evidence that the tide is fast ebbing and the June business having up the season of 1910-1911 has now passed into history.

There will be very little going on for the next two or three weeks in the flower trade. As to quality carnations are fast petering out. Roses are in better shape, particularly the Carnots, which are selling at a higher figure than any others excepting Beauty. Lilies are a veritable drug. Sweet peas are seen in all grades and sold accordingly—from 25 cents up to $1.00 a hundred, according to quality. An abundance of everything is in sight. No shortages.

The market took a decided change for the better last week, and there was business for the trade in general, and it was well divided up. There was sufficient stock, but a good portion could not be used, especially in the carnation line, which were on the sleepy side. Roses went well, particularly white, and at times not enough could be had. Killarney and Richmond were in good demand, also other roses, of which there was ample supply.

A general shortage of Carnations, Lilies, Stocks, Sweet peas, and sweet peas, Lily of the valley and other material. Candum lilies came in, and there was a good clean up on these as well as on Longiflorums and Japans.

CHICAGO

A first-class stock is the feature of the market as June closes. No too short but just short enough, is the opinion of many for, after several weeks of extreme heat, trade has about reached the summer level and an abundance of stock would mean unsold stock. The June weddings have been as numerous as formerly but an absence of large decorations has been noticed. The prohibition of the use of flowers in the commencement exercises of the Chicago public schools was accepted with little grace again this year but no public protest was made. The summer roses, Kaiserlin, Rhea Reid and My Maryland, are supplanting the winder ones through some excellent Killarneys are still cut. American Beauty is as much in demand locally as anything and when cut just right is shipping very satisfactorily. In fact this is the point with stock now, to have all roses cut at just the right stage. Sweet peas of all lengths except the very long ones are still coming in plentifully and growers expect the supply to last about another month. Carnations are holding on well but quality is poor compared with cold weather stock. Excellent Lily of the valley from the local growers is selling well. Fewer prairie flowers than usual are sold this year. Plenty of ferns are in but smilex and asparagus are scarce.

CINCINNATI

Very little change, if any, was noticed in the market the past week. Business continues fair, with stock plentiful. Beauties are equal to the demand, some fairly good stock being offered considering the season. Pink roses which have ruled short all during the month of June, are again coming in more plentifully. White roses are in heavy crop, the better grades cleaning up nicely, while the shorter grades move more slowly. The supply of carnations is rapidly diminishing, and those now coming in are as good as could be expected at this date. Sweet peas are showing the beneficial results of the recent showers, and are improving in quality and quantity. Shasta daisies were good property up to the middle of the week, when the demand fell off. Lilies are to be had in quantity, and find a fair market. Lily of the valley is plentiful. The demand for smilex is gradually slowing up, with the supply equal to market requirements. Of Asparagus plumosus and Snapdragon there is more than a sufficiency.

(Continued on page 10.)
Horticulture

July 1, 1911

P. J. Smith
Successor to John L. Raynor
Wholesale Commission Florist
A full line of Choice Cut Flower Stock for all purposes. By the 100, 500 or 1,000. 
T. E. 1908 Madison Square 49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
Choice Cut Flowers
133 West 28th Street, New York
Telephone: 3532-3533 Madison Square

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th></th>
<th>Last Half of Week ending June 24, 1911</th>
<th>First Half of Week beginning June 25, 1911</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Beauty, Fancy and Special</td>
<td>20.00 to 30.00</td>
<td>15.00 to 25.00</td>
</tr>
<tr>
<td>&quot;&quot; Extra</td>
<td>15.00 to 20.00</td>
<td>10.00 to 15.00</td>
</tr>
<tr>
<td>&quot;&quot; No. 1 Lower Grades</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
</tr>
<tr>
<td>Richmond, Chateray, Extra and Special</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>&quot;&quot; Lower Grades</td>
<td>0.50 to 1.00</td>
<td>0.50 to 1.00</td>
</tr>
<tr>
<td>Killarney, My Tarryland, Extra and Special</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>&quot;&quot; Lower Grades</td>
<td>0.50 to 1.00</td>
<td>0.50 to 1.00</td>
</tr>
<tr>
<td>Bride, 'Tahl, Extra and Special</td>
<td>3.00 to 5.00</td>
<td>2.00 to 3.00</td>
</tr>
<tr>
<td>&quot;&quot; Lower Grades</td>
<td>1.50 to 2.50</td>
<td>1.50 to 2.50</td>
</tr>
<tr>
<td>Kaiserin, Carnot</td>
<td>1.00 to 5.00</td>
<td>1.00 to 5.00</td>
</tr>
<tr>
<td>Carnations, First Quality</td>
<td>0.50 to 1.00</td>
<td>0.50 to 1.00</td>
</tr>
<tr>
<td>&quot;&quot; Ordinary</td>
<td>0.25 to 0.50</td>
<td>0.25 to 0.50</td>
</tr>
</tbody>
</table>

HEADQUARTERS FOR NOVELTIES

The Highest Grade of Vallet Always On Hand
Gardenias, Daisies, Roses and Carnations
James McManus, Tel. 799 Madison Square, 55 W. 28th St., New York

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephones: 1654-1655 Madison Square

SIEBRECHT & SIEBRECHT
Wholeale Florists
136 W. 28th St., New York City

A. L. Young & Co.
WHOLESALE FLORISTS
Choice Cut Flowers
55-57 West 26th St., New York
Prompt Payments. Telephone 3559 Madison Square

FRANK MILLANG
Wholeale Florist
55-57 West 26th St., New York
Shipments, any quantity, Wholesale Market Rates.

KRICK'S FLORIST NOVELTIES
Manufacturers and Patents of the Perfection Assembled Pot, Handle or Hanger, Perfect Assembled Plant Stands and the Original Transverse Immovable Letter, etc. Every Letter Marked
17446 Grams Br., New York, N.Y. For Sale by all Supply Houses.
Flower Market Reports

Local market conditions are normal for summer, as experienced every year, but perhaps a little advanced because of the extreme heat. Stock coming in is less than two weeks previously, which condition is more pronounced through the absence of peonies. Roses from newly planted stock are being sent in large quantities, but being of poor keeping quality, and the way does not prevent a shortage of tomorrow. Sweet peas average very good, most of them being butterfly varieties which the retail trade appreciates fully. The demand for commencement bouquets and wedding flowers has been sporadic, but insistent. On such days it was with great difficulty only that good quality flowers could be obtained.

The retail florists are experiencing the normal June demand but the wholesale markets have difficulty in supplying the material in satisfactory quality. Roses run very poor as a rule, the choice grades being practically extinct for the time being. Carnations are also very small and close up by the time they reach the market. A few very fine cattleyas are seen and such things as longiflorum lilies and lily of the valley are all right as to quality. The number of longiflorum giganteum sent to Smith by A. S. Burns, Jr., for one month was 91,000 which is believed to be a new high figure for one establishment. Large quantities of Crimson Rambler bloom are being sent in and these together with double denta are found very useful in decorative work of any extent. Sdiraea Anthony Waterer, lovely as a garden subject, lacks in color when brought indoors among bright colored flowers and while quantities of it are shipped to the wholesale markets, very little sale is found. Crimson Rambler sprays bring from 1 cent to 1½ cents per spray.

Philadelphia

There is very little change to report in this market since our last week's resume. It is gradually getting down to the summer level. Another week probably will inaugurate the regular summer business. The trend was rather spasmodic—fair in spots and then dull again. American Beauty roses are still fairly plentiful and selling right well—all things considered. Melody is still good and sells well—holding its color and quality remarkably. The carryover market is fair, quality generally not very good although there are a few exceptionally fine lots to be seen. Orchids shorter in supply and moving a little better. Lily of the valley has hardened up and the stock now offered is up to regular standard. A nice improvement is also noted in the water lily market. These are now in good regular demand and command fair prices with no surplus. They may now be regarded as a staple article for a while. Sweet peas coming in very good and moving off nicely in large volumes. Gardenias are not plentiful but enough for the demand. Shakespeare is also a little glucido in evidence and seem to move well. All greens plentiful.

Washington

Trade has settled down to something approaching summer dullness. Stocks are plentiful and is coming along in fair condition. Prices are about normal. Sweet peas, scarce and poor two weeks ago, are now more plentiful and quite satisfactory. There is little to relieve the general dullness of the situation.

The flowers that are

ST. LOUIS

now coming into this market are not very choice and show considerable suffering from the dry spell—especially the outdoor stock. Roses of all kinds are poor, still the choice bring a liberal figure. Carnations are small and poor also. Sweet peas are scarce and inferior. The best stock coming in now are the gladioli and lilies. These have a large demand and sell clean daily. Gladioli bring as high as $8.00 per 100 and best lilies, $12.50. Some extra good asters are coming in which bring from $3.00 to $5.00 per 100 and clean up.

Philadelphia, Pa.—The store furnishings, etc., of Robert A. Stewart, florist, 212 South 13th street, were sold on June 19th.
COCOA)
500 Coconuts Scundens, 4 in., $1.00 per 100, 4 in. or 5 in. single dozen for Botrona. Fisher Bros., 614 Dempster St., Evanston, Ill.

COCONUT FIBRE SOIL
20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

COLES
R. Vincent, Jr. & Sons Co., White Marsh, Md.
For page see List of Advertisers.

CONEAEL

CONFETIERS
Eastern Nurseries, Jamaica Plain, Mass.

CROTONS
For page see List of Advertisers.

COLEUS
R. Vincent, Jr. & Sons Co., White Marsh, Md.
For page see List of Advertisers.

CUT FLOWER BOXES

CYCLAMENS
Cyclamen—Best varieties in different colors, 3 inch pots, strong plants, $1.00 per 100, $1.25 per 250, J. J. F. Company, Rutherford, N. J.

Cyclamen, 3 in. pots, selected clavus strain and others, 10.00 per hundred, cash. William Hoffman, 673 East Ave., Port Washington, N. Y.

DAHLIAS
Herbert, Acto, N. J.
For page see List of Advertisers.

D. Vincent, Jr. & Sons Co., White Marsh, Md.
For page see List of Advertisers.

Dahlias—2500 field clumps, latest varieties, cheap for cash. Do you have room to get them? Geo. H. Walker, Dahlia Expert, North Dighton, Mass.

Dahlias, divided roots, from 1 to 3 eyes to the piece. Send for list and get the latest varieties. W. P. LOTHROP, Brook-lyn, N. Y.

DAHILAS NEW FOR 1911

DECORATIVE PLANTS
For page see List of Advertisers.

For page see List of Advertisers.

John Scott, Brooklyn, N. Y.
For page see List of Advertisers.

DRACEANAS
Dracaena indivisa, 3 feet high and over, 5 in. and 6 to 9 in. in pots, in perfect con- dition, cheap to close out, $2.50 per 100. A. Schuffel, College Point, Queens- borough, N. Y.

EVERGREENS
For page see List of Advertisers.

Bobbink & Atkins, Rutherford, N. J.
For page see List of Advertisers.

T. C. Thrulow’s Sons, West Newbury, Mass.

FLAKES
For page see List of Advertisers.

H. H. Barrows & Son, Whitman, Mass.
For page see List of Advertisers.

GARDINERS
R. Vincent, Jr. & Sons Co., White Marsh, Maryland.
For page see List of Advertisers.

GERANIUMS
R. Vincent, Jr. & Sons Co., White Marsh, Maryland.
For page see List of Advertisers.

GERANIUMS, our selection, $1.00 per 100; 10 in. $8.00 per 100; 12 in. $10.00 per 100. More than 100 varieties. Send for catalogue. A. D. Root, Wooster, O.

GLASS
Boston Plate & Window Glass Co., Boston.
For page see List of Advertisers.

For page see List of Advertisers.

Sharp, Partridge & Co., 22d and Lambar St., Chicago.
For page see List of Advertisers.

Parshley Bros., Inc., 59 Mowrout Ave., Brooklyn, N. Y.
For page see List of Advertisers.

Metropolitan Material Co., 1392-1442 Metropoli-tan Ave, Brooklyn, N. Y.
For page see List of Advertisers.


GLAZING POINTS
For page see List of Advertisers.

GOLD FISH
Gold fish, aquarium plants, 

GRASS SEEDS
F. B. Pierson Co., Tarrytown-on-Hudson, N. Y.
For page see List of Advertisers.

Pulverized Manure Co., 31 Union Stock Yards, Chicago, Ill.
Witzen, L. W., 20th Ave., Auburn, Wash.

FERTILIZERS
20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

FLORISTS' ENCYCLOPEDIA FREE
For page see List of Advertisers.

FLORISTS' LETTERS
Boston Florist Letter Co., 65 Pearl St., Boston.
For page see List of Advertisers.

W. C. Kriss, 1164-66 Greene Ave., Brook-lyn, N. Y.
For page see List of Advertisers.

FLORISTS' SUPPLIES
N. F. McCarthy & Co., 81 Hawley St., Boston.
For page see List of Advertisers.

H. M. Robinson & Co., 15 Province St. and 3 Chapman Place, Boston, Mass.
For page see List of Advertisers.

For page see List of Advertisers.

Reed & Koller, 123 W. 25th St., New York.
For page see List of Advertisers.

For page see List of Advertisers.

For page see List of Advertisers.

FLOWER POTS
W. H. Emmons Co., 291 W. 24th St., Wash-ington, D. C.
For page see List of Advertisers.

For page see List of Advertisers.

Hillinger Bros., Fl. Edward, N. Y.
For page see List of Advertisers.

Syracuse Pottery Co., Syracuse, N. Y.
For page see List of Advertisers.

Peters & Reed Pottery Co., Zanesville, O.
For page see List of Advertisers.

FRUIT TREES
Dwarf Fruit Trees, by F. A. Waugh, mailed to your address for 55 cents by Horticulture Publishing Co., 11 Hamilton Place, Boston.

GALAX
For page see List of Advertisers.

Kervan Co., New York.
For page see List of Advertisers.

H. M. Robinson & Co., 15 Province St.
For page see List of Advertisers.

GERANIUMS
R. Vincent, Jr. & Sons Co., White Marsh, Maryland.
For page see List of Advertisers.

GARDINERS, our selection, 4 in., $7.00 per 100; 3 in., $4.00 per 100; 2 in., $2.00 per 100; 1½ in., $1.00 per 100. More than 100 varieties. Send for catalogue. A. D. Root, Wooster, O.
SEED GROWERS
Branisl Seed Growers Co., San Jose, Cal. For page see List of Advertisers.

SEEDS
T. J. Grey Co., 52 So. Market St., Boston For page see List of Advertisers.
B. A. & Sons, 51 and 52 N. Market St., Boston, Mass. For page see List of Advertisers.
Hedger Bros., 35 E. 14th St., New York For page see List of Advertisers.
Arthur T. Beddington, New York For page see List of Advertisers.
Potter, Fiske, Barlow Co., Boston, Mass. For page see List of Advertisers.
Leonard Seed Co., Chelten, III. Beans, Pea, Onion, Turnip. For page see List of Advertisers.
James Vick's Sons, Rochester, N. Y. All Leading Varieties of Seeds. For page see List of Advertisers.
The W. W. Barnard Co., Chicago, Ill. For page see List of Advertisers.
J. Bolgiano & Son, Baltimore, Md. For page see List of Advertisers.

STEVIA
Stevia, good stock, 25c. in pots, $1.00 per 100. Cash from unknown parties, B. J. Totty, New York, N. Y. For page see List of Advertisers.

SPHAGNUM MOSS
Ten bales sphagnum moss, $7.00. Z. H. Jewett Co., Sparta, Wis.

SPRAYERS
Chas. J. Jager Co., Boston, Mass. For page see List of Advertisers.

SMILAX
Smilax root cuttings, Camara, 25c, a 100, prepaid. Chas. Lesly, Manhat, N. J.

SWAINSONA
Swainsona: Strong 2½ inch, bud and bloom, $3.00; 3 inch, $5.00 per 100. Union City Greenhouses, Union City, N. J.

TREE RENOVATION
John T. Witters, Inc., Jersey City, N. J. For page see List of Advertisers.

VALLEY PIPS
Leechner & Co., New York, N. Y. For page see List of Advertisers.

VEGETABLE PLANTS
R. Vincent, Jr. & Sons Co., Detroit, Mich. For page see List of Advertisers.
For Hall Farm, Norfolk, Va. For page see List of Advertisers.

Tomato plants: Ace, Jewel, Stone, Penn, Sweet Corn, Onion, Turnip. For page see List of Advertisers.

Celery, White Pinnic, Pascall, Self Blanched, bunch, Section Crown, Boston Market, Golden Heart, also Cabbage, Succession, Italian, Express Early Head, Napa Heart, Danish Ball Head, Stocky, well rooted plants, $1.25 per 100. Cauliflower, $2.50 per 100; Cabbage, please, W. C. Lester, Plainville, Conn.

VENTILATING APPARATUS
Foley Mfg. Co., Chicago. For page see List of Advertisers.
The Advance, 4 shades, improved Ventilator Arm. For page see List of Advertisers.

VINCA
Vinca variagata from 3 in. pots, $3.00 per 100. Cash with order. W. S. Nichol, Harrington, R. I.

WIREKORK
Reed & Keller, 122 W. 25th St., N. Y. For page see List of Advertisers.

WIRED TOOTHPICKS
W. J. Cowen, Berlin, N. Y. For page see List of Advertisers.

WOOD PRESERVATIVE
Conservo Wood Preservative doubles the life of all exposed lumber. Preserves benches, posts, sills or planking. Cost 50c, a stick, and saves ten times its cost. Samuel Cabot, Inc., Mfg. Chemists, Boston, Mass.

WHOLESALE FLORISTS—Continued
New York—Continued
Charles Millang, 55 and 57 West 26th St. For page see List of Advertisers.
F. J. Smith, 45 West 5th St., N. Y. For page see List of Advertisers.
Frank Millang, New York, N. Y. For page see List of Advertisers.
Freudley & Schenck, 312 West 25th St., N. Y. For page see List of Advertisers.
A. Moltz & Co., New York, N. Y. For page see List of Advertisers.
Siebricht & Siebricht, 136 West 25th St., New York, N. Y. For page see List of Advertisers.

Philadelphia
Leo, Nissen Co., 1200 Arch St., Phila., Pa. For page see List of Advertisers.

Rochester, N. Y.
George B. Hart, 24 Stone St. For page see List of Advertisers.

New Offers in This Issue

ASTER SEED
F. D. Smith, Adrian, Mich. For page see List of Advertisers.

BEGONIAS, ASPARAGUS, PIONEER SETTIA
A. N. Pfizer, Inc., Cromwell, Conn. For page see List of Advertisers.

BULBS AND ROOTS FOR FALL PLANTING
E. S. Miller, Westinghouse River, N. Y. For page see List of Advertisers.

CYCLAMEN PLANTS
J. W. Philbrick, Beverly, Mass. For page see List of Advertisers.

HAMMOND'S SLUG SHOT
Hammond's Point and Sting Shot Works, Fishkill, New York. For page see List of Advertisers.

HOSE OFFER
S. S. Pennock, Mt. Airy, Philadelphia, Pa. For page see List of Advertisers.

OWN ROOT AND GRAFTED ROSES
Chas. H. Totty, Madison, N. J. For page see List of Advertisers.

PANSY SEED
Arthur T. Falsbuhl, New York, N. Y. For page see List of Advertisers.

PRE-INVENTORY SALE
E. H. Hunt, Chicago, Ill. For page see List of Advertisers.

Little Ads Bring Big Returns
Little ads in our Classified Columns bring big returns to both advertiser and purchaser.
Anything that can be sold to florists, gardeners, park and cemetery superintendent's, etc., can be sold through this medium in this department, and at very small cost.
Don't fail to read them each issue, for you will find one or more that will prove profitable to you.

They Cost Only One Cent a Word Undisplayed
Here's a Mighty Fine Opportunity for a good man who knows the Nursery Business, or a firm who want a branch house.

I own one of the best greenhouses and nursery plants in the country—50,000 feet of glass is now in cultivation and many varieties are ready to be sold. I am a banker, a mighty busy man, and cannot give the time and attention the enterprise deserves. A reliable nursery firm, or a competent man who possesses good business capacity, will be sold a half interest at a fair price and on reasonable terms. It is desirable, but not absolutely necessary—that such a man should have a knowledge of greenhouse management and a horticulturist is preferable. This locality is unexcelled for growing many kinds of nursery stock, and I believe it is an opportunity for a trustworthy firm or an individual to establish a splendid business. If you feel that you are the type of a partner I am looking for, I will invest from $15,000 to $20,000 worth of my name at once.

V.Z., McFarland Publicity Service
Box 4, Harrisburg, Pa.

Peach bidders, who know how, wanted now.

PARTNER WANTED—An old established and implement house which is a live, bustling, young man to buy part interest and help in the active management of the rapidly growing business. The concern stands well in the trade and with proper management and marketing can be one of the largest in the country. All correspondence, confidence. Address ROBERT, C.S. HORTICULTURE.

HELP WANTED

Wanted
First Class Grower of Decorative Plants.

Must be experienced, a worker, single, sober and able to handle men. Responsible position. Apply with references to

A. A. MACDONALD
Duke's Farm, SOMERVILLE, N. J.

FOR SALE

FOR SALE—Fresh from factory, new 10 x 12, 16 x 18, 16 x 24, double thick. A and B qualities. Market dropped. Now is the time to buy and save money. Parshley Bros., Inc., 59 Montrose Ave., Brooklyn, N. Y.

MISCELLANEOUS

WANTED TO LEASE—From 15,000 to 30,000 feet of glass, within 5 miles of New York City; modern place required, with good dwellings and outbuildings, prefer actual acres. Chas. Harson, Ossining, N. Y.

Eldora, L.A.—R. C. Hindemann was appointed manager for the Poland Floral Co.
CABBAGE KEPT FREE FROM WORMS.

DRAKE'S GARDEN.

We have used Slug Shot and always found it very useful. Our potato crop yielded 200 bushels to the acre. Slug Shot for Cabbage Worms is the best defense in the world.

Very truly, F. A. DRAKE.

Cabbage Worms.
The Cabbage Worm has spread wherever cabbage is grown. Whether early cabbage or late cabbage, in garden or field, it perforates the plant, and is of all worms one of the most disgusting, to find hidden away in the folds of the leaf.

IF YOU WANT CABBAGE FREE FROM WORMS, USE HAMMOND’S SLUG SHOT.

How to Destroy Cabbage Worms.—Slug Shot can be used lightly or heavily and the cabbage suffers no harm. The cabbage forms its head by the interior growth; it throws off its earlier and outside leaves, and no dust can enfold within its head. Apply Slug Shot with a Duster (see illustration), sieve it over the plants or full grown cabbages. The powder is very fine and goes a long way in field or garden.
OUR NEW TWIST-LESS ARM

Note the simple construction. One bolt securely fastens it to the shafting pipe. Easy to set up.

Advantage of the unit is the absence of twist in the arm, there is no risk of the arm slipping on the shafting pipe. Also, the arm cannot become loose.

Our new catalogue J, thoroughly illustrates and describes our new arm, also the rest of our line. Get one, it will interest you.

ADVANCE CO.,
Richmond, Ind.

DREER'S "Riverton Special" Plant Tub

Manufactured for us exclusively. The best tub ever introduced. The neatest, lightest and cheapest. Painted green with electric welded hoops. The four largest sizes have drop handles.

HENRY A. DREER, Seeds, Plants, Bulbs and Supplies. 714 Chestnut Street, Philadelphia, Pa.

STANDARD FLOWER POTS

If your greenhouses are within 500 miles of the Capital, write us, we can save you money.

W.H. ERNEST
28th & M Sts., Washington, D.C.

Hon. D. W. Crockett

STANDARD FLOWER POTS

Packed in small crates, easy to handle.

Price per crate

No. 100 1500 six-pot in crate $1.45 $1.00
No. 110 1000 2.00 1.45
No. 120 1500 2.65 2.00
No. 130 1000 2.65 2.00
No. 140 500 5.95 4.60
No. 150 500 5.95 4.60
No. 160 400 5.95 4.60
No. 170 200 5.95 4.60
No. 180 200 5.95 4.60
No. 190 200 5.95 4.60

Hand Made

45-gal. pots in crate $3.00 $3.00
81-gal. pots in crate $5.00 $5.00
150-gal. pots in crate $8.00 $8.00
225-gal. pots in crate $11.50 $11.50

Send pass, same price as pots. For price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Valas, etc., ten per cent off cash with address.

HILFINGER BROS., Pottery, Fort Edward, N.Y.

Syracuse Red Pots

"A little pot is soon hot," likewise a thin pot. This will save you fuel. Our pots, with thinnest and toughest wall, are the superior quality of the clay.

New price list on application.

Syracuse Pottery Co., SYRACUSE, N. Y.

Florist' Red Pot

Florist' Red Pot is prepared by passing through a screen room mashable material to the square inch. It is a mixture of red pots, ordered from our

THE PETERS & BELL POTTERY CO., Zanesville, Ohio.
Trouble

Can be avoided if you have the right kind of Greenhouses

KING GREENHOUSES

IRON FRAME
SEMI IRON FRAME
PRIVATE CONSERVATORIES

ALL ARE DESIGNED TO AVOID DEFECTS IN CONSTRUCTION AND INSURE LASTING QUALITIES AND IN PRIVATE HOUSES ARTISTIC EFFECT IS GIVEN CAREFUL CONSIDERATION. LET US PROVE IT TO YOU. GET THE BEST, IT IS NOT TOO GOOD FOR YOU.

KING CONSTRUCTION CO.

HOME OFFICE AND WORKS
North Tonawanda
N. Y.

EASTERN SALES OFFICE
No. 1 Madison Avenue
NEW YORK

STANDARD PLATE GLASS-CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY

FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS. CHICAGO, ILL.

BOSTON PLATE & WINDOW GLASS CO.
GREENHOUSE GLASS
GERMAN AND AMERICAN

261 to 287 A Street BOSTON 20 to 22 Canal Street

LET US QUOTE YOU ON NEW AND SECOND-HAND
Boilers, Pipe, Fittings, Glass, Greenhouse Lumber, Tools, Sash, Etc.
METROPOLITAN MATERIAL CO.
1392-1414 Metropolitan Ave., Brooklyn, N. Y.

TO BUYERS
Patronize our advertisers, they will treat you right
How U-Bar Curved Eave Houses Differ

The U-Bar construction is like a regular race horse stripped for the running. It is stripped of every heavy roof support—and is just a light, cobweb like, galvanized steel frame of great strength that makes the very lightest house possible—not only lightest, but every way durable.

If it has a U-Bar frame, it's a U-Bar house—no other Curved Eave Houses are. Send for our New Catalog, and see for yourself.

U-BAR GREENHOUSES

PIERSON U-BAR CO.

DESIGNERS AND BUILDERS

1 MADISON AVE. NEW YORK

CANADIAN OFFICE: 10 PHILLIPS PLACE, MONTREAL.

HYDRANGEAS

FOR SUMMER FLOWERING

LARGE PLANTS IN TUBS FOR JULY AND AUGUST FLOWERING

We have an unusually fine lot of hydrangeas, which have been held dormant all winter. These plants will begin to bloom the end of June or early in July, and are in fine shape for flowering during July and August. We can furnish these plants in ordinary tubs at $2.00 and $3.00 each.

Ferns

We have an exceptionally fine lot of Boston Ferns of the Harriett type and a splendid lot of Pierson Ferns, good and bushy well-grown plants in 8-inch pots that will please the most critical buyer. Extra fine plants, $1.00 each.

MISCELLANEOUS BEDDING PLANTS

Plants in new cedar tubs painted green, with handles, as follows:

- Well budded plants in 14-inch tubs, $3.00 each
- Well budded plants in 16-inch tubs, $4.00 each
- Well budded plants in 18-inch tubs, $5.00 each

ABUTILON SAVITZI. 3½-in. pots, $8.00 per 100.
AGERATUM. Blue and white. 2½-in. pots, $2.50 per 100.
ALTERNANTHERA ROSEA AND AUREA NANA. 2½-in. pots, $2.00 per 100.
ASPARGUS SPRENGERI. 2½-in. pots, $3.00 per 100.
BEGONIA VERNON. 2½-in. pots, $3.00 per 100.
CALADIUM ESCULENTUM. Strong started plants, $3.00 per 100.
CANNAS. Beauté de Poitivine, Florence Vaughan, Buttercup, Mile, Berat, Robert Christie, Souv. d'Antoine Crozy, Rohallion, Frederick Benary, L. Patry, etc. Strong potgrown plants, $5.00 per 100.

F. R. PIERSON COMPANY, Tarrytown-on-Hudson, NEW YORK
CYPRIPELUM TIBETICUM

A new, red-flowered, hardy Orchid from Thibet, as seen growing in its native haunts, altitude 12,000 ft.

Photograph by E. H. Wilson, reproduced by permission of Professor C. S. Sargent.
WHY

the LEADING FLORISTS buy their SUPPLIES AND RIBBONS from US. Because we have the MOST COMPLETE LINES in the COUNTRY. Because all of our SUPPLIES AND RIBBONS are UP-TO-DATE and a SATISFIED CUSTOMER is our MOTTO.

Because we have always “MADE GOOD” with every promise we made. Because our Customers get what they want, when they want it. Try us with YOUR NEXT ORDER.

KATALOG for the asking.

The Leading Florists' Supply House and Ribbon Specialists

M. RICE & CO., 1220 Race Street,

Manufacturers—Importers—Originators

ORCHIDS

We Beg to Offer the following FRESHLY IMPORTED Orchids

Cattleya Trianae, C. cabiata, C. Mossiae, Oncidium varicosum Rogersii, Laelia crispa, L. superbiens, L. acuminta, Cattleya grandulosa, C. bicolor, and a few Cypripedium caudatum.

Lager & Hurrell.

Summit, New Jersey

ORCHIDS

PLANTS and FLOWERS always on hand
ORDONEZ BROS.
Madison, New Jersey

ROEHR'S
Orchids, Azaleas, Palms, Lorraines, Crotons
RUTHERFORD, N. J.

LORAINE BEGONIAS

Strong 2½ in. stock, ready for 3½ in.

Per 100, $15.00; 250 at $14.00 per 100.

THOMAS ROLAND, Nahant, Mass.

BOSTON FERNS, 1½ inch $2.00 per 100;
1½ inch $3.00 per 100; $3.50 per 500.

H. H. BARROWS & SON
Whitman, Mass.

ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World
SANDER, St. Alban's, England
and 258 Broadway, Room 721
NEW YORK CITY

MAGNIFICA, 15 cents each.

FRANK OECHSLIN
4911 Quincy St., CHICAGO, ILL.

FERNS FOR DISHES

Assorted varieties, 2-in. pots, $3.50 100;
$3.00 100; 500 at 1000 rate.

Cash with order
GERANIUMS

The steady increase in the demand for Geraniums is proving beyond a doubt that they are the universal favorites with the flower-buying public. That they are today more popular than ever before, in fact the demand during the past season nearly exhausted the available supply. We are increasing our stock for propagation to the extent that we shall produce them in enormous quantity next winter and feel confident that we shall be in a position to fill your orders to your entire satisfaction, but would suggest that your order be placed early. We have already booked heavy on some kinds. Good standard sorts at $15.50 per 1000, from 2 in. pots.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

CHrysanthemums

GENERAL COLLECTION.
Golden Dome, Mrs. Clay Frick, The Hawaiit, White Shaw, Yellow Enfin. From 2½-inch pots, $3.00 per 100.

Autumn Glory, Ada Span include, the New Fordii, Early Snow, Geo. Kalk, Harry May, H. W. Reiman, Jennie Nonu, J. E. Lager, J. H. Troy, J. R. Shaw, Maud Dean, Meta. Mrs. Jerome Jones, Miss Alice Byron, Mrs. Butler, Major Bonnaffon, Mad. Ford Berge

Van, Polly Rose, Riverside, Soleil D'Octo

ber, Timothy Eaton, W. H. Lincoln, White Bonnaffon, William Duckham. From 2½-inch pots, 50c. per dozen; $2.00 per 100; $25.00 per 1000.

ROSES [I . . Own Root—Fine Stock

White Killarney, \( \frac{3}{4} \) in pots . . . $3.00

Richmond

Pink Killarney, Chatenay, Kaiserin, Peries, Sunrise, Sunset, from 3 inch pots . . . $3.00

Bride, Bridesmaid, Goldene Galce . . . $5.00 per 1,000. $7.00

STEVA COMPACTA

2½ inch pots. $3.00 per 100, $25.00 per 1000.

WOOD BROS. . . Fishkill, N. Y.

BEGONIAS

Gloire de Lorraine. Strong healthy plants. 2½-inch, $12 per 100, $110 per 1000. 3-inch, $20 per 100, $180 per 1000.

POINSETTIA

First-class stock. 2½-inch, $6 per 100, $50 per 1000.

ASPARAGUS HATCHERI

The new Asparagus. Beats the old plumous nanus in every respect. More graceful, more rapid grower, and will produce more green to the square foot than any other green you can grow. From 2½-inch pots, $15 per 100.

A. N. PIERSO., Inc., CROMWELL, CONN.

BOUVARDIAS

BOUVARDIA HUMBOLDTI, from 2-inch pots, now ready, $10.00 per 100, $75.00 per 1000; 500 at thousand rate. CASH WITH ORDER, PLEASE.

J. W. FOOTE, Pleasant Street, Reading, Mass.
BOBBINK & ATKINS
WORLD'S CHOICEST FLORIST AND NURSERY PRODUCTS.

We are growing in our greenhouses and in our 250 acre nursery a large variety of material constantly in demand by florists. Our Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any Florist upon application.

B & A. SPECIALTIES.
PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill station is the second stop on Main Line of Erie Railroad.

NURSERYMEN AND FLORISTS
Rutherford, N. J.

ROSES

OWN ROOT

4000 Beauties, 4 in. 12c.
3000 each Brides, Maids, Richmond.
500 each Chatenay, Ivory, Queen Beatrice, Bon Silene.
Pink Killarney and Golden Gate, 4 in. at $1.00 per hundred.

2000 Pink Killarney, own root, 3 in., at $8.00 per hundred, $75.00 per thousand.

GRAFTED STOCK, 3 in.

400 each White and Pink Killarney.
200 each Richmond, Chatenay, Ivory, Golden Gate and Uncle John, $15.00 per hundred.

Chas. H. Totty, Madison, N. J.

American Grown Roses
Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens.

Write for Trade List.
W & T. SMITH CO. Genoa, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK
WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS
A GENERAL ASSORTMENT OF
Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our Illustrated and descriptive Catalogue for the making


LOECHNER & Co.

JAPANESE LILIES
LILY OF THE VALLEY PIPS
PALMS, AZALEAS, &c.
11 Warren Street, New York, N. Y.
Write for quotations

ROBERT CRAIG Co.

ROSES, PALMS,
and Novelties in Decorative Plants
MARKET AND 46TH STREET... PHILADELPHIA.
Two New Hardy Cypripediums from Western China

Hardy cypripediums have been increased by the addition of two noteworthy species from Western China, as a result of the writer's recent plant-collecting work in that country. One of these, C. tibeticum, reached England in April 1905 and flowered the June following in Messrs. Veitch's Coombe Wood Nurseries. In 1906 it flowered again and was exhibited at the Temple Show, May 29th, receiving a F. C. C. Very few roots were introduced and the plant has in consequence, never got into gardens generally. On the Arnold Arboretum's second expedition just concluded (the writer's fourth in all) a considerable number of roots of this C. tibeticum and an even larger quantity of a new and yellow flowered species (C. luteum) have been successfully introduced to cultivation. The roots were received at the Arnold Arboretum, Boston, on April 12th, last, and a few plants were potted and kept in a greenhouse. On May 6th, C. luteum opened its flowers for the first time under cultivation and the photograph here reproduced was taken. The flowers are represented one-third natural size in the photograph but the originals were only about half their usual dimensions on account of their being forced.

These roots were dug up in October, 1910, transported some eighteen hundred miles by porters, boat, and steamer, and finally shipped from Shanghai on March 14th, 1911. Although the roots were a full six months from the time of collecting to that of planting they came through in good shape and hundreds are growing freely in the Arboretum nurseries. This augurs well for their vitality and their aclimatization should not be a difficult matter. Their hardiness, as judged from the altitude at which they occur in a native state and from plants growing in association with them, is assured. Both too, are sturdy, vigorous growers.

Cypripedium luteum is an erect growing species 20-45 cm. high. The flowers are solitary with sepals and petals deep, clear yellow; the pouch though occasionally all yellow, has usually a few spots or blotches of orange brown on its face.

Its habitat is the margins of thin woods and thickets; it also occurs on scrub-clad boulders stranded in bogs. Around Sungpan, in the extreme north-west corner of Szechuan, it is abundant in thin woods of spruce and silver fir, growing near the margin of certain glacial torrents which are surcharged with petrifying limestone. Nevertheless, having seen it growing in a variety of soils, one would hesitate to say that a calcareous soil was necessary. A cool situation and plenty of leaf soil would seem the essentials. This plant in habit, vigor and general appearance closely resembles our C. spectabile and where the latter thrives C. luteum should succeed.

Cypripedium tibeticum, as known to the writer, is a dwarf-growing species, 8-30 cm. high, but those from the Chumbi Valley attain to the height of 35 cm. The flowers are solitary, very large, with sepals and lateral petals striped and reticulated with reddish-purple on paler ground color; pouch usually dark maroon-purple, rarely paler. This Thibetan Cypripedium was originally discovered in the Chumbi Valley in 1879, and received the manuscript name of "tibeticum" from Sir George King. Subsequently, it was regarded as a variety of the Siberian C. macranthon until recognized by Rolfe in 1892 as distinct. The late Monsieur Franchet named Pere Delavay's specimens of this plant C. macranthon, var. corrugatum, and later, in 1894, raised it to specific rank under the name of C. corrugatum. The Siberian C. macranthon is widely spread and admittedly variable but anyone who has seen the two (C. tibeticum and C. macranthon) growing wild or under cultivation would never regard them as one and the same species.

Cypripedium tibeticum is widely spread along the Chino-Thibetan borderland and on the Alpine moorlands, between three thousand and four thousand metres, is numerically one of the commonest plants. It occurs in countless thousands as the accompanying illustration, from a photograph taken the end of June, 1908, indicates. It is possibly the finest of all red-flowered hardy cypripediums. In addition to the foregoing species the Arnold Arboretum is in possession of a third introduced with them from the same regions. This may or may not be the widely spread C. macranthon. Later Mr. Rolfe hopes to investigate the matter further and decide its identity.
The torrid wave

Disarming the bully

Nothing of late has given us greater satisfaction than the evident determination of the people of the United States to get at the facts in connection with the express monopolies and their relations with their side partners, the railroads, in the transportation plundering that has been going on for so many years. The announcement of a proposed sweeping investigation by the Interstate Commerce Commission is glorious news. We have no doubt the facts when revealed will fully justify the undertaking. It stands to the credit of the S. A. F. that, as an organization, it was first with the courage to tackle the bullying giant and first to urge a line of legislation. The end of the oppression is now near and that in consequence, a new and better day is about to dawn in the industrial world.

The outcome of the sweet pea meeting and exhibition at Philadelphia has been a prolific cause for criticism and discussion whenever the devotees of the popular flower happen to congregate. Many local gardeners and also many of those north and east have been excusing their poor showing on account of the weather. If that holds good how did Barbee do it in the latitude of Philadelphia and how was it that the next positions of honor were obtained by growers from Connecticut and New York? For some it was too early—for others, too late. But really where expert gardeners are concerned this hullabaloo about a date seems rather far-fetched. Given a specified locality for a show the expert gardener has demonstrated time and again that he can so arrange his methods as to exhibit at that point and that a week or two later the flowers will be in perfection. We are learning from season to season just as did they in Great Britain on this point but over there they are further advanced. Of course we shall get there in time, but there is no use making weak excuses and hiding our heads in the sand. We cannot make any progress that way.

A "transition period"

Many close observers, watching the lines of development and studying cause and effect as it appears at the present stage of the flower business are of the opinion that we have entered upon a sort of transition period, which, although its progress from day to day may not be apparent, will in time work changes of so radical a character that the florist of a few years hence will have to deal with totally different conditions from those that have appertained heretofore. The new alignments as they gradually assert themselves in different influential centers seem so variant that judgment as to what the florist shall shape themselves differs according to the viewpoint of the observer. The future of the flower industry as read by a Chicago operator would, for instance, be quite different from that reasoned out by one whose point of observation is Boston, New York or Philadelphia, and the divergence of forecast would be equally wide as between growers and dealers, and between those who specialize in plants or in flowers. However, the readjustments are bound to come and, we doubt not, they will all be in the direction of better business methods and a more influential position for the florists' art among the leading commercial industries of our country.

Our note this week on strawberries, from the pen of G. H. Benson, are the last contribution from that gentleman until fall as he is now about to start on a well-earned vacation. In due time he will resume his regular writing on "Fruits and Vegetables Under Glass" for HORTICULTURE.
Seasonable Notes of Culture on
Florists' Stock

ANNUALS FOR LATE CUTTING

It is not too late to sow a number of annuals to meet a deficiency that always is felt in the latter part of the summer in the floral line. The most suitable varieties that can be sown now are candytuft, clarkias, calendulas, coreopsis, annual larkspurs and lupines, sweet alyssums, mignonnettes, scabiosas, nasturtiums, Gypsophila elegans, and Shirley poppies. Sow them in some place where it will be handy to use the hoe on them, as well as to give them water whenever they may need it. These will be found very serviceable stock at times for bouquets and floral pieces. They are bound to be gladly welcomed in the autumn unless we get an unusually early frost.

COMPOST FOR BULBS

A good many growers don't think of making any special preparation in the way of soil for their bulbs. The soil for bulbs should not be poor and worn out, but should be good live rich soil that has been thoroughly mixed some time before using. If you have plenty of sod and cow manure that were heaped up last fall, use it; you will have better flowers. In making a compost for all bulbs it is well to remember that it should be sufficiently porous to allow the free passage of water through it. If your soil is heavy you should consequently add some sand to render it lighter. All manure should be used when in a somewhat dry state; in a fresh state it has often proved very destructive in bulb growing. To have this compost in a fine mechanical condition make it up now and turn it over three or four times. Just before you use it see that it is not too dry nor sufficiently wet to cling together.

CARE OF YOUNG ROSES

Houses that were planted early should now be in fine growing condition. Keep the plants disbudded, but do not disbud all your plants at once, and do not remove all the buds from a plant at any one time, which has a tendency to check growth too much. It is better to look over your plants every other day. This object should be to make your plants break so as to prevent cropping, in a measure at least. Give a good syringing every bright day and on hot days give one or two extra syringings as it helps in keeping a cooler and moister air which induces good growth and makes it an easy matter to keep clear of red spider. See that the watering is carefully done; water around the plants first separately and then, if bed is dry, soak the whole, and continue to do this until the plants have filled the beds with roots. Ventilate freely now so as to keep the atmosphere as buoyant and bracing as possible, for this will be of material benefit in producing healthy plants. Staking or tying is now in order to keep the plants in an upright position. Keep the surface stirred at least once a week. When fumigating for green fly wait until the temperature drops below 72 degrees and see that your beds are not very dry otherwise the plants will scal.

FREESIAS

These bulbs are usually the first of the many flowering bulbs to arrive. Where a batch is wanted for around Christmas plant as soon as you can get them in flats or pans: They will do well in flats that contain 4 or 5 inches of soil or in pans 10 or 12 inches in diameter. See that each flat or pan has proper drain-

age. Use two-thirds well decayed fibrous loam and about one-third well-dried cow manure and add a good dash of sharp sand. It is right to plant the bulbs about two inches apart each way to insure fine spikes. When planting push the bulbs down so that they are just covered. After planting place on a cool shed floor, or in a cold frame. Give them a good watering and if in a frame keep them shaded until they start, when they should have full sun. Keep them under frame culture away into September.

John J. M. Farrell

Mr. Farrell's next notes will be on the following: Chrysanthemums; Housing Carnations; Hollyhocks; Lorraine Bercons; Oneidiums; Asparagus Sprenger; Lilies for Fall; Perennial Lupines and Larkspurs.

Varieties of Strawberries for Forcing

Strawberries will be nearly out of season by the time this is in print, but home grown strawberries on the table the first week in March is a thing to think of now, as layers for this purpose will soon need obtaining. With so many varieties grown in the field today it is quite a problem to select the most suitable for early forcing work. The two conditions are so extreme, that plants cannot be expected to thrive to perfection in both. On the one hand we have the hot sun of July and August when the plants are making up their crowns; and on the other, when we expect them "to come forth in all their glory" with flowers and later fully developed fruit we have the dullest months of the year, viz., from December on fire heat can be brought to bear on them, but we all know one day's sun-shine is worth four of fire heat.

Some varieties answer well to artificial heat but refuse to grow through the hot weather, consequently no satisfactory crown can be grown in time. One very noticeable variety in this respect is Royal Sovereign, an English variety which is a standard for forcing purposes over there. This was tried here and just refused to grow, although having the same treatment as other varieties. Marshall is found to force earlier and better than any other variety here. The plants "get away" good and make up a good crown and answer well to forcing. The batches started through December will not have very long stalks to the fruit; in fact no variety does. The flowers always carry an adequate supply of pollen. Parker Earl is somewhat similar, carrying a darker colored fruit but not such a reliable setter as Marshall.

We force more of Marshall than any other variety, but for later work we find President, Nick Ohmer and Dornan good. They take a little longer to develop than Marshall, but fine large berries can be grown on them. President is a solid fruit and ships well. Nick Ohmer and Dornan throw up a strong flower spike well over the pot and carry berries of excellent shape and flavor. Probably other readers could tell us of other varieties which have been forced successfully.

George H. Benson

Dukes Farm, N. J.
THE EXHIBITION.

As briefly announced in our issue of last week, the third annual meeting and exhibition of the National Sweet Pea Society was held in Philadelphia on June 25th and 26th, and proved quite successful—although not so large as expected. The season being unusually cool during the last two weeks, many of the exhibitors from northern and eastern points were consequently unable to show.

The one star feature was undoubtedly the magnificent Burpee display, which occupied the entire northern side of the main hall and took five men six hours to break down. However, the splendor shape, the finest that we have ever seen, and the finest Burpee has done yet. The stand was exceedingly clean—the large hand-carved vases were arranged in tiers one above the other, the background being Eulalia zebrina. At intervals pyramids three and four feet high were set to break the monotony. There were over twenty thousand blooms in this Burpee collection—and over two hundred varieties. The scions and seedlings of this variety was a new one named "Stirring Stent"—a glowing orange—which was imported from the Isle of Wight last fall. Another extra fine one, also was Vermilion Brilliant, for which they were awarded the cup offered by the North American, The exhibit as a whole was awarded the premier award of the show—the Morse Challenge Cup; for the best commercial collection. They also were awarded the N. S. P. S. Award, a Scotch Pea, following new seedings, also a silver medal for those new varieties in addition to the certificate:

Irish Belle: A rich rose morn, with a strong scent, and of the most distinct sweet peas in existence. It is liable to supersede a whole lot of varieties heretofore leaders in its class and color.
Empress Eugenie: White, shaded pale lavender.
Forest FAIRY: White, with a bluish bloom suffusion.
Margaret Atlee: A rich cream and bright pinkish, the most beautiful and distinct of all the new varieties.

The certificate and silver medal also covered two seedings as yet only under trial, both coming from theumber and creamy pink varieties—the class in line for perfect yellow—for which many strenuous flights have been made, but for which no specific results appear. W. Atlee Burpee has a standing offer for his ambitions scion, David Burpee, of three thousand dollars for ten seeds of the first real yellow sweet pea.

Henry A. deere put up a fine exhibit of the newer and choicer varieties of nymphaeas and other aquatics, all of which are the product of his flower gardens. Bertrand H. Farr, our distinctive peony specialist, was on deck with a nice lot of Iris Kaemferi, which formed the chief decoration in front of the stage and were a center of attraction. Joseph A. Manda and Julius Rehmers Co., containing colorful azaleas and seasonable orchids. John Lewis Childs had a nice lot of Calla Elliottiana, Aphiene and Fungine were very much in evidence. The latter has his hands full explaining their merits.

Mrs. Geo. H. McFadden and Clement B. Newbold were the stars in hardy perennials.

The official prize list follows:

Class 1, Collection of sweet peas—First prize, Miss M. T. Cockcroft, Adam Paterson, gard.; second, Mr. Henry Gutt, gard.; third, Miss Alice White, gard. (Thomas).
Class 2, Vase of one variety of Sweetpea type introduced in 1911—John W. Pepper, William Robertson, gard.
Class 3, Spencer variety, mixed—Miss M. T. Cockcroft.
Class 4, Magnificent mixed—Mrs. George H. McFadden.
Class 5, Collection of twenty-five varieties, not fewer than twenty-five stems—John W. Pepper.
Class 6, White Ruby Spencer—Herbert L. Pratt.
Class 12, Mrs. Routzahn Spencer—Miss M. T. Cockcroft.
Class 13, White Spencer—Mrs. R. B. Ellison, Axel Lindstrom, gard.
Class 14, Vase—First, Herbert L. Pratt; second, James Kennedy, gard.
Class 18, Fifty pink or rose—First, Thomas McKean Robert Abernethy, gard.; second, Miss M. T. Cockcroft.
Class 21, Two-color variety—Silver cup won by W. Atlee Burpee & Co.
Class 26, Pink—First, Herbert L. Pratt; second, Miss R. B. Ellison; third, Henry Goldman.
Class 27, Deep rose—First, Herbert L. Pratt; second, C. B. Newbold; third, W. A. Young.
Class 28, Any other color—First, Miss R. B. Ellison; second, Henry Goldman; third, C. B. Newbold.
Class 29, Salmon or orange—First, Herbert L. Pratt; second, C. B. Newbold; third, G. W. Young.
Class 21, Crimson or scarlet—First, Henry Goldman, second, Mrs. J. B. Trotter; third, G. W. Young.
Class 25, Primrose—First, S. M. Goldsmith; second, Thomas McKean; third, G. W. Young.
Class 30, White—First, Thomas McKean; second, Mrs. George H. McFadden; third, C. B. Newbold.
Class 39, Any other color—First, Mrs. R. B. Ellison; second, Henry Goldman; third, C. B. Newbold.
Class 30, Salmon or orange—First, Herbert L. Pratt; second, C. B. Newbold; third, G. W. Young.
Class 32, Gray and white—First, Miss M. T. Cockcroft, third, Mrs. R. B. Ellison.
Class 39, Any other color—First, Mrs. R. B. Ellison; second, Henry Goldman; third, C. B. Newbold.
Class 30, White—First, Thomas McKean; second, Mrs. George H. McFadden; third, C. B. Newbold.
Class 31, Striped or bicolor—First, Mrs. R. B. Ellison; second, Herbert L. Pratt.
Class 32, Any other color—First, R. B. Ellison.
Class 33, Bride's bouquet of sweet peas—Robert C. Barley.
Class 39, Three vases of Aurora Spencer; Camila and King Edward Spencer—Herbert L. Pratt.
Class 40, Vase of mixed white—Miss Monica Unwin; Mrs. R. B. Ellison.
Class 42, Best of slide of sweet peas—John W. Pepper.
Class 43, Six vases of Spencer or Unwin—Mrs. E. S. Spencer.
Class 44, Finest collection of sweet peas, Spencer, Unwin and grandiflora types—S. M. Goldsmith.
In addition, all the following were awarded by the Pennsylvania Horticultural Society.
Class 60, Sweet peas, best case, mixed—First, Mrs. George H. McFadden; second, Henry Goldman, Anthony Baker, gard.
Class 61, Spencer varieties, best case—W. A. Young.
Class 64, Rupert Iris, collection—First, C. B. Newbold; second, Thomas P. Hunter, Joseph R. Green.
others exceeding the beauty and type of the Spencer's. Mr. Zvolanek deserves great credit for his work along these lines, and I hope in the near future we will be able to present some gold medals to hybridizers and raisers of new varieties. I understand that The W. Atlee Burpee Co., at Fordhook are also working along these lines, and have some very promising seedlings. Credit is also due the gentlemen who have helped to finance our society, not only from the financial standpoint, but also from the fact that guarantee funds were needed for prizes, etc. I wish at this time to thank the generous donors of prizes, and your president, Mr. W. A. Barry, for his moral support so generously given.

If we were to name the best Spencer, Grandiflora and winter-flowering sweet peas today, I would give the following list apart from the varieties introduced this year:

**SPENCER VARIETIES**

Asia Ohm Spencer, pure lavender with tipped rose, self colored; Aurora Spencer, orange rose or salmon striped on white; Apple blossom Spencer, standard crimson rose, striped on white; Captain of Blues Spencer, bluish purple with green, self colored; Posada Spencer, the original Spencer, clear pink; Flor Marse Spencer, delicate blush with green, self colored; Tricolor Spencer, red or crimson scarlet; Lovely Spencer, standard salmon, spotted on white; Othello Spencer, deep violet maroon; Mrs. Walter Wright Spencer, rose purple, self colored; Primrose Spencer, pure light primrose yellow; White Spencer, pure white; Prince of Wales Feathers; Primrose Yellow, primrose buff, margin of light salmon; Helen Lewis, standard white, orange, shades orange; Rose: John Ingman, rose carmine with rose veins; George Herchert, rose carmine.

**UNWIN VARIETIES**

Frank Depew, lavender and white; Gladys Unwin, bright pink a little deeper at the edges, almost self color; E. J. Castle, rose colored with veins of rose; Mrs. Fred Watkins, bright pink at base shading to light buff at edges; Nora Unwin, pure white.

**GRANDIFLORA VARIETIES**

Bolton's Pink, orange or salmon pink, veined white with rose, self colored; Aurora Perry, standard crimson rose, wings white tinted with pink; Burpee's Earliest white, pure white; Drummond's Pink, pure white; Helen Pierce, marbled blue on ivory white; Flora Hill, rose colored with green; Primrose, self colored; Primrose Yellow, self colored; Primrose Blue, self colored; Lavender, self colored; Rose: Mrs. Geo. Higginson, Jr., azure-blue, the darkest and clearest blue; Margaret Perry, Primrose Olaf, bright blue, striped on white; Queen Alexandra, very bright red almost a true scarlet; Edward VII, bright red or crimson scarlet.

**WINTER FLOWERING SWEET PEAS**

Snowbird, pure white; Christmas Pink, striped crimson and white; Christmas White, white, pure white; Camary, primrose yellow; Flamingo, crimson scarlet; Christmas Champagne, blush and pure; Florence, pure white; Greenland, white slightly flushed with rose; Mrs. Alex. W. Lavender; Mrs. Wm. Sim, salmon pink; Mrs. Wm. Sim, salmon pasty pink; Wallacea, lavender; Watchem, pure white; Wild rose, salmon rose; Mrs. Chas. H. Totty, red.

While experts may differ with me on my selection, people will not go far wrong in planting the above varieties.

Cornell University, where under the care of Prof. Craig and A. C. Real, the trials of our society had been held, has just released their bulletin No. 301 entitled "Sweet Pea Studies," have been mailed to all members, through the courtesy of the University, under a frank without cost to the society. Thanks are due to the energy and work of the above gentlemen. If any member has not received a copy, I would ask them to kindly notify me at once.

Referring to the above selection of sweet peas, I think we are somewhat blessed in this country by not having the interminable quantity of new varieties that is being raised elsewhere, and as they have in England every year. Unless it has real merit over existing varieties, it has not a place in the American market. In the garden, neither do we have the same confusion of synonyms of varieties under different names. Our growers in California, where 60 per cent. of the sweet pea seeds are ex-ported, are extremely careful not only as to the new varieties they disseminate, but also as to roughing their stocks; neither do they sell the various half-hardy annuals un-der any knowledge they are thoroughly set. Among the most distinct breaks of recent years are the varieties Sterling Sient and Earl Spencer, really these are Henry Eckford and J. H. Pepper's Spencers, which I believe would be a better name. Many colors we have today cannot be bettered. Those the hybridizers are aiming for are a real buttercup yellow, the scarlet of the geranium and the blue of the Delphinium Belladonna. In the meantime the hybridizers should concentrate their efforts upon improving the size and substance of the flower, number of flowers on a stem, length of the stem and strength and habit of the plant, and upon developing sweetly fragrant peas that will stand our hot summers, so that not only in name but in fact they will become the "poor man's orchid" and rivaling that flower.

**NOTES**

Thomas H. Logan was the general representative of our city on many occasions during the week, and earned the golden opinions of visitors.

According to Mr. Kerr, "A Mechanical Rogue" is a foreign variety that gets in through the fault of cleaning and sorting, and is strongly shown in the tests of the variety Helen Lewis.

Robert Craig made an excellent address of welcome, touched with feeling, fervor, wit, learning and all that was necessary to make a meeting a success. He has lost none of his old-time pre-eminence in this line.

Adam Paterson came down from Connecticut and showed a few of us a thing or two. We had the pleasure of hearing this old "oddestum" in the person of Walter Angus of Chapinville.

Edwin Lonsdale's paper and greetings (all the way from California) were very much appreciated, and showed that our good horticultural war horse has lost none of his fire or form. He is in a class by himself.

The irrigation system at Burpee's came in for much favorable comment. It can be turned on and off by the turn of a crank—as soon as the guests realized what, David Rust turned the crank on them unexpectedly.

The pink snapdragons at Fordhook have the right shade—delicate, yet distinct—desirable for the cut flower variety so much sought after, and it is not to be wondered at that they jealously guard each flower stalk, for seeding purposes.

Among the finest of the new varieties of sweet peas seen at the Burpee trial grounds, note those Marchioness of Tweedale, G. C. Waud, Martha Washington, Rose de Barry. The latter is one of the finest shades, giving us wonderfully under artificial light.

The May-flowering varieties like Burpee's Earliest White and Improved Blanche Ferry were passe, and could only be mentioned in a reminiscence very briefly, to bring up the fact of the coming winter Spencers, and to bring on an animated discussion on these.

H. A. Bunyard is the everlasting finest secretary! His wit, bonhomie and enthusiasm are inexhaustible and perennial—and lucky is the society that gets his wonderful personality back of it. J. H. Pepper is the recordsetting helper of the N. S. P. S., but Mr. Bunyard has that title. He calls him their "Recording Angel."

J. K. M. L. Farquhar was an interested visitor at Riverton and Fordhook this week, and was very well pleased with the fine work the Drayers and Barry's peas are doing in their respective fields. He was particularly impressed with the splendid executive abilities of J. D. Eiselle in the new developments at Drayers; and the sweet pea and cabbage trials at Burpee's.

M. and Mme. Davy of Arpajon, France, were the guests of Mr. and Mrs. Earl on the 25th and 30th ult., at Fordhook. Some of the Americans who helped "pick a bone" must have been a sad puzzle to these Gallic visitors. The writer hopes the picture he arranged on the Burpee lawn for them will prove a success. Madame deserves the finest ever.

A. W. Strange ably represented Joseph A. Manda of New Jersey, and put up a very attractive orchid exhibit. Unfortunately, one of the best flowers of the collection was stolen just before an interested exhibitor arrived in his automobile especially to see it, and a thousand dollar order went a whimpering! The individual who did this is known, and sad to relate is said to represent a well-known seed house in this city.

It is rumored that the next annual meeting and exhibition of the Sweet Pea Society will be held in Boston. William Sim is the new president. The axiom seems to be established—where goes the presidency, there goes the next meeting. It is a good idea in many ways, and is a first-rate. David Rust thinks a hard and fast date for the next exhibition ought to be set now, and let everybody live up to it. The hope being the date to suit local conditions at the last minute has not proved good in practice.

Some one was talking about the difficulty of spelling various words. One of my club said all spelling was especially "eal" and "i." Among others Mr. Pepper gave an amusing one about Robert Cameron. It appears the latter's notes were written out by an
amateur, and instead of saying that the display of Mr Maryland was very fine the text said the display of "Mary's Lambs" was great. David Rust's expert steno. "Lewis" was almost as good, when he said in his report that the Burpee exhibit was a magnificent failure. When the explosion exploded it was found that the right word was "feature"—magnificent feature, instead of magnificent failure!

**THE FORDHOOK VISIT.**

Among the visitors to the Burpee Fordhook Farms trial grounds on the 30th ulto. were noted among many others, the following eager students of the latest and best; the oldest and worst; the good and the bad in sweet peas and other flowers and vegetables:


---

**THE NORTH AMERICAN CUP.**

A. H. Sears, Connecticut; Dennis T. Con- nor, Philadelphia, Pa.; D. D. L. Farson, Overbrook, Pa.; Walter H. Farnsworth, National Farm School, Deweytown, N. Y.; Kirby and A. M. Kirby, N. Y. City; Wm. Robertson, Phila.; J. Davy and Madame Davy, Arpagon, France; Professor Real, Cornell University.

Howard H. Earl (Burpee's manager) in the absence of the chief in Europe did the honors in fine style, and made all the foregoing and many other visitors feel thoroughly at home, and was indefatigable in showing everything of interest. George W. Kerr, his right bower and sweet pea expert, was an able second in this good work, and with note-books in hand toiled patiently under the hot sun for four hours and discoursed eloquently on the fine points of their thousands of trials. We must not forget to say a good word for Earl, junior. Douglas is only a boy yet, but he jumped right in and took a bevy of the lady visitors under his charge.

After the inspection a stirring event took place on the lawn in front of the old homestead when Harry Turner presented the North American Cup won with the new variety Vermillion Brilliant. Mr. Turner's remarks were well chosen, eloquent, and to the point! Then followed three cheers and a tiger for Burpee—the High Priest of the Sweet Pea in America! Mr. Earl in accepting the trophy, gave everybody credit but himself; but it was easy to be seen that he was the proudest mortal in the world. All in all it was a splendid afternoon well spent, and everyone went away happy and glad they had enjoyed the opportunity.

**INCORPORATED.**

ROSE SHOW AT NEWPORT.

The postponed rose show of the Newport Horticultural Society was held June 27th in Sanborn Hall which is of much smaller dimensions than the hall usually used, but proved to be large enough, as unavoidable circumstances seemed to join in preventing as large a display as usual. However a few of the annual exhibitors exerted themselves with the result that for quality and arrangement the show was a decided success. The principal exhibitors were A. L. Dorward, gardener for Mrs. T. J. Emery, C. M. Bugholt, for Miss Fanny Foster, Hugh Williamson for W. W. Astor, Wm. Grey for Mrs. W. B. Leeds, John A. Forbes for August Belmont, J. Robertson for Mrs. T. O. Richardson, J. B. Urquhart for R. L. Beechman and Paul Valquardson for Mrs. W. G. Wool. Mr. Dorward was the most extensive exhibitor and carried off nearly all the first honors in the fruit and vegetable classes. The competition in roses was keen, there being three or more exhibits in nearly every class and most important of them was the collection of outdoor roses in which Mr. Williams took first place with about fifty varieties of well selected flowers, Mr. Robertson was second with fewer varieties. Next in importance was the large display with arrangement honors and Mr. Urquhart also had it all his own way in the vase class of Hybrid Teas and also for vase ofFra K. Drusckl. In the various classes for twelve specimen Hybrid Perpetuals the honors were divided between Bugholt, Robertson and Forbes, Mr. Bugholt having the best of it. The varieties mostly used for these classes were K. Drusckl for white, Clio and Margareit Dickinson for blush white, Mrs. John Laing, Mme. G. Luizet and Mrs. S. Crawford for pink, and Ulrich Brunn-er away in the lead as a red. In the Hybrid Tea class the best noted were Kaiserine A. Victoria, Caroline Testout, Etoile de France and the Lyon Rose.

Sweet peas were probably never seen here in better form. Three collections of six each were staged and Mr. Valquardson was awarded the first prize for his class, closely followed. Mr. Grey also showed the best cauliflower seen here in years. The usual fine display of table plants was represented by one collection only but they were considered worthy of the first prize. J. Robertson was the exhibitor. A new feature of the show was table decorations by gardeners and arrangements by the ladies of the society. Mrs. C. M. Brooks, estate, was first with a very neat arrangement of Mme. G. Luizet roses. The second went to A. Springer and Miss Forbes. J. Robertson was also the winner in the class for baskets of roses. The main feature of the show and the only one receiving a silver medal, the highest award, was the New Bregoria Alice Manning, a pale yellow of graceful drooping habit, was exhibited by Wm. Valquardson, who also showed other exceptionally well grown tuberous begonias and gloxinias for which he was awarded a Liberal gratuity. The judges were Richard Gardner, James McLeish, James J. Sullivan, C. D. Stark, Paul Valquardson and Stew- art Ritchie, and their decisions were received with general satisfaction. Sergeant-at-Arms Smith filled his usual place assisting exhibitors and maintained well his reputation as being the best worker of the society.

JOSEPH HECOCK.
President of the Florists' Club of Phila- delphia.

On July 11th, the next meeting of the club, Mr. Hecock will celebrate his 65th birthday. We wish him many happy re- turns.

ST. LOUIS FLORIST CLUB.
The event in the history of the Florist Club took place on Wednesday night when the members celebrated its 25th anniversary at Pechmann Hotel with a banquet; 100 invitations had been issued and 63 accepted. A large U-shaped table was spread in the beautiful dining room of the hotel. The room was beautifully decorated with plants and cut flowers. Ex-President Frederick Ammann was selected as toastmaster and he was at his best. After a splendid dinner he called upon Mr. Geo. Asmund, president of the S. A. F. and O. H., who responded to a toast. The S. A. F. H. B. Dorner, secretary of the S. A. F. responded to the toast. The S. A. F. Relationship with Florists' Clubs. John M. McEuen, president of the Floral Club of the Present Day. Luther Arm- strong spoke on the early days of the Florist Club and S. A. F. C. Sand- eron presided for the Beaux-Arts Florists' Association. E. W. Guy, C. I. Irish and S. Kehrmann also spoke. A band of music was stationed behind a group of palms, who played sweet strains while the members feasted.

HORTICULTURAL SOCIETY OF NEW YORK.

A meeting and exhibition of the So- ciety were held in the Museum Build- ing, New York Botanical Garden, on July 1st, the exhibition continuing also over Sunday. July is an uncertain month for an exhibition, but the interest manifested in the good showing of exhibits was very gratifying. The next exhibition will be held in the same place on August 26th and 27th, and is a decided success. Schedules will be ready early in August, and will be sent on application to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, New York City.

The following is a list of the awards made on July 1st and 2nd:

Collection of outdoor roses—Scott Bros., first; Japanese iris—Scott Bros., first; Mrs. F. A. Constable, James Stuart, gard., second; Mrs. F. A. Constable, Mrs. R. P. Good, Gardiner, third; Mrs. F. A. Constable, Mrs. C. W. T. Popp, gard., first; Mrs. A. M. Booth, E. Pardel, gard., second; Mrs. A. M. Booth, E. Pardel, gard., third.

Sweet peas, 100 sprays—H. Darlington, first; Mrs. A. M. Booth, second; Mrs. A. M. Booth, third; Mrs. E. S. Smith, Mrs. F. A. Constable, first; T. A. Havemeyer, Mrs. F. A. Constable, second; T. A. Havemeyer, second. Flowers of shrubs and trees—T. A. Havemeyer, first; Japanese iris, 6 varieties—T. A. Havemeyer, first.

Sweet peas, 3 varieties—H. Darlington, first; T. A. Havemeyer, second.

Special awards—T. A. Havemeyer, sweet peas, special prize; Mrs. F. A. Constable, Lilium candidum, special price; Wm. Testout, certificate of merit for Nymphaea Helen Fowler; Wm. Tricker, certificate of merit for Nymphaea Vincia minor; Wm. Testout, special mention for Romneys Con- ter; Mrs. A. M. Booth, sweet peas, special price.

The judges were David MacFarlane, James Donlan and Wm. Tricker.

GEORGE V. NASH.
Secretary.

YONKERS HORTICULTURAL SO- CIETY.

On Wednesday, June 14, a most suc- cessful show was held in Hollywood Inn. Roses were a great feature, first prize for a collection going to E. A. McAlpin; gardener J. Woodcock, who staked out ninety varieties. Second to Mrs. J. B. Trevor; gard. H. Nichols. E. A. McAlpin was awarded three firsts for roses. Mrs. Trevor one first and one second, and Mrs. M. E. Sand, gard. T. A. Lee, one second. Mrs. Trevor showed sweet peas in great shape, receiving firsts for every entry. She also won first on vegetables, and S. P. Lilienthol, sup't. H. Scott, second. Adolph Lewisohn, sup't. J. Canning, showed vegetables of a high standard. S. P. Lilienthol was placed first for a collection of hardy perennials. The New Yorker Nursery Co. exhibited hardy perennials, notably some fine forms of Delphinium formosum, also rhododenrons and standard lilies. Julius Rosenthal, put up nine very pretty orchid exhibits, fine forms of Cattleyas predominating. F. Millot exhibited roses, gloxinias and Spanish iris, a couple of floral baskets serving as a charming lesson in the use of garden art for decorative work. P. Macdonald exhibited ferns and floral baskets, a combination of peonies and gladioli being especially pleasing. Attendance was good, and the show has done
much to foster horticultural interest in Vokers.

H. M. B.

ROYAL INTERNATIONAL HORTI-CULTURAL EXHIBITION,
LONDON, 1912.

In connection with the above exhibition which will be held next May, in the grounds of the Royal Hospital, Chelsea, His Majesty King George V, has intimated his intention to offer a cup, valued at $525.00 to be awarded for the best exhibit in the show. Many other valuable medals and awards offered by the Duke of Portland and others will be included in the vast number of prizes contained in the schedule. Altogether the exhibition promises to give the interested and in speculative effect any show of the kind ever held in any part of the world. There is reason to believe that the exhibition will be opened by the King and Queen on May 22, 1912.

CLUB AND SOCIETY NOTES.

The St. Louis Florist Club will hold its monthly meeting on Thursday afternoon, July 13, at 2 o'clock. The meeting is of importance as the annual nomination of officers takes place then.

Missouri State Vice-President F. H. Weber, of the S. A. F., has sent in a number of names for membership to Secretary Dorner and says he expects quick action before convention time. The florists' picnic will give him a good field to work on this month.

The Pacific Coast Nurserymen concluded their annual convention June 23, at San Jose, by the election of the following officers: President, P. A. Dix, Utah; vice-presidents, C. F. Lansing, Oregon; C. H. Smith, Salt Lake City; J. Vallance, San Francisco; Ray Harley, Badda; A. W. McDonald, Washington; Charles Trotter, British Columbia, and D. J. Tighe, Montana; secretary-treasurer, C. F. Tonneson, Washington; executive committee, M. D. Sales, Salt Lake City; A. Morgan, Oregon, and Leonard Coates, Morgan Hill.

The annual rose show of the New Bedford (Mass.) Horticultural Society was held on June 22, and was the richest display of roses ever seen there. James Garthley of the H. H. Rogers estate, M. H. Walsh of Woods Hole, H. A. Jahn and others were among the principal rose exhibitors. Peonies, syringes, delphiniums and irises were shown in abundance. A. J. Fish was awarded a special silver medal for rose Silver Moon. Honorable mention was accorded the same exhibitor for new dahlias Giant Edelweiss.

The new schedule of the National Chrysanthemum Society of England for 1911 is just to hand, containing accounts for the past year, annual report, list of members, and members, also prizes offered at the Society's exhibitions. Among the newly appointed honorary members we notice the names of M. Albert Truffaut, vice-President of the National Horticultural Society of France; M. Albert Truffaut, premier Vice-President of the same society; and M. Maxime de la Rochefort, President of the French Chrysanthemum Society. We notice too, that M. Louis Gentil, editor of our Belgian confrere, La Tribune Horticol, has been appointed a corresponding member.

This Society's annual publication contains a neat little pamphlet of 70 pages, with the list of the papers read at the Society's recent conference. There is a foreword by Sir Albert Rollit, President of the Society, and portraits of Messrs. Norman Davis, W. Higgs, H. J. Jones, R. F. Felton, Thos. Stevenson.

Among the contents is the report on the Paris Show, November, 1910, by C. Harman Payne and accounts of the Florist's Show, Bangkok.

Altogether an interesting and useful addition to chrysanthemum literature, published by the National Chrysanthemum Society and supplied gratis to members.

A NOTABLE CAPE COD ESTATE.

The committee on Gardens of the Massachusetts Horticultural Society visited recently the interesting estate of Mr. Thos. Lunkenwood at Orleans, Mass., and were greatly surprised as well as pleased to see what could be done in the line of ornamental gardening on Cape Cod, a section of the state usually regarded as not responsive to horticultural endeavor.

In a hollow among the hills, not far back from the Atlantic shore, Mr. Lunkenwood has established a garden and produced results well worthy of record. At the bottom of the valley is a small artificial pond well stocked with hardy Nymphæas and other water plants and bordered by a grassy bank. Around this bank on level ground is a collection of some 300 varieties of peonies, of the choicest kinds and mostly in light colors. Notable among them is the recently introduced pure yellow peony, L'Esperance.

The whole garden up to the base of the surrounding hills is enclosed by a pergola covered on sides and top with numerous varieties of climbing and rambling roses. Particularly noteworthy among them was the Carmine Pillar, which covered a stretch of trellis twenty-five feet in width and presented a most beautiful effect. Beauty with large single creamy-white flowers was also conspicuous as well as the Moschata and Dawson. There was also a collection of Hybrid Tea and Perpetuals, which among the trees and shrubs a row of the pyramidal oak attracted attention.

All along the roadways and in grass land around the dwelling houses in the town were masses of the deliciously fragrant Phasian's Eye Pink (Di-anthus plumarius). It greatly interested the visitors to see how this escape from old gardens on the Cape; it is noticeably abundant in Orleans. There were also frequent surprises of Chrysanthemum scoparius with its masses of golden flowers and apparently perfectly hardy, though it is not so perfectly hardy in the vicinity of Boston.

BRITISH HORTICULTURE

A Visit to Holland.

The deputation who last week visited the bulb farms in Holland from the Gardeners' Circular (headquarters of the society, London), were favorably impressed with the places visited. In a report published on their return it was stated that there are 50 million bulbs in Holland, with an area of land devoted to bulb culture in this country apparently has not made a great difference to the Dutch industry. The growers have the advantage of many years of experiment in this line of work. It is fully understood that the industry is of great importance to the nation and to the trade. The trade with the United States and other countries is gradually increasing.

The Coronation "BooH."

The Coronation festivities, now an historic event, proved a profitable time for the nurserymen and florists. Many of the clubs and associations were beautified with charming arrangements of flowers in window boxes, red, white and blue being the predominant tints. A deputation from the Gardeners' Company waited on Queen Mary at Buckingham Palace on June 19th, and presented her majesty with a choice bouquet of Lady Hermione carnations in a silver gilt basket. The deputation also presented two unnamed carnations—one white and the other pink. Permission was granted for the blooms to be resplendent named King George and Queen Mary. Carnations, both Malmaison and Perpetual-flowering, are largely cultivated in royal gardens at Windsor. The Malmaisons include Princess of Wales, Duchess of Westminster, and Marmon. The comprehensive assortment of perpetual-flowering varieties comprise the leading American and British introductions. These blooms are extensively employed for decorative work in the royal palaces.

OBITUARY.

A. B. Lewis.

A. B. Lewis, a prominent florist of Pontiac, Mich., and a very faithful member of the Detroit Florist Club, died on Saturday, July 1, of peritonitis, brought about by disease kidney and an abscess in the area. Some time ago he was brought to the sanitary treatment for nervous troubles from which he had apparently recovered. By circumstances his sudden demise was a great shock to his many friends in Detroit and elsewhere, all of whom sympathize sincerely with his family.
THE ROMANCE OF ORCHID HUNTING.

Mr. P. Harvey Middleton has written a very interesting article about Orchid Hunting in the "American Homes and Gardens Magazine." The narrative is very charming, but he has been so generous as to inform that the whole thing appears to be a "Fairy Tale."

It is a very peculiar circumstance that very few people can write about orchid collecting without letting their wild imaginations work wonders, which they spring on the man who later takes those fibs as truths, and adorns them with his florid language. In this article in question there is a reference to a typical example of the kind of stuff that orchid hunters are made of.

"I had been near death’s door with the fever of the tropics and tropical swamps; he has been robed and deserted by his guides and left alone in a strange mountain forest, and has been attacked, tormented, and all hat eaten by hundreds of big, black ants. He has had to fight treacherous guides for his life, and has had to fight the story to describe."

"It was while engaged in hunting Orchids in Colombia for the Philadelphia Orchid Queen that a revolution broke out. Barrault was seized by Colombian soldiers and forced to fight them. As a Frenchman he had seen military service, and philosophically accepting his fate he led a regiment of the Colombians to battle, and was engaged in seven stiff fights. It was one of the outlooks of the slaughters of his men seemed imminent, that Barrault seized a flag and rallying a handful of soldiers about him charged straight at the line of popping guns ahead. The rest of his regiment (who worshipped his apparently invincible leader) followed exclaiming, "Hurray!"

Before his horse, Barrault, the orchid-hunting soldier, was thrown into prison by the rebels and there left to get well as best he could. Fortunately, his,international Constitution pulled him around, and one night about six months later he escaped his guard and got away. Two days and nights he traveled through the forest, where he knew rare orchids were to be found. Living on roots and herbs that former explorers had so good food, Barrault gradually worked his way through the dense forest, to the lonely village of the track of the opposing armies. Here he secured another set of guides, and with these he trekked into the wonderful snow-white orchid which had been given the nickname of him by the half-naked Indian in the streets of Bogota—"An orchid so big," said the native, "covered the mountain tops."

"What will you take him to?"

"Barrault headed an expedition that went to the mountains, and in the mountain hamlet of the marvellously big flower. Hardly had he started before the chieftain of the Indians, in battle died. The young chieftain’s birth broke as his neck was stepped on a pipe line, the chieftain body, at the edge of a two-foot deep pit, over which the orchid hunter descensioned. He was captured in a tree growing out of the side of a bundle. Barrault and his guides were being cautiously down the chasm, had recovered from their disarray, a rope was looming halfway back to the foot, the worst except for a few scratches, they were at their destination, two weeks later, and were beginning collecting the orchids, which grew in great profusion. Then came fever struck the camp, and one of the guides of Barrault was killed. Barrault had to give up his beloved orchid, for fear of being caught the fever, and was prostrated for days. Some of the guides recovered before he had returned. Barrault was in a helpless condition, stripped him of his possessions, including the orchids, and left him alone in the forest. In his weakened state he took Barrault, went to work out way out of the dense gloom of the forest, guided to some extent by the almost overgrown path, had to work through the undergrowth. But at last he reached a cluster of huts and rested for a week. Then, with the determination of a man who never knows when he is beaten, he set to work organizing another expedition. It was during this trip, wrote Barrault, that with two guides he stumbled into an army of big, black ants. Before we could escape they swarmed all over us from head to foot. It was half a mile to the nearest forest stream—a half mile covered with dense undergrowth. Frantically we crawled our way to the water, suffering agonies from the bites of the infuriated ants, and when, after what seemed years, we reached the stream's brink, we barely had strength left to fling ourselves into the water."

"Barrault’s heart was still set on the possession of that beautiful snow-white flower. He had the remnant of Mrs. Wilson’s gold in belts strapped to his body, and the party had not proceeded far when half a dozen of his redskin followers conspired to kill him in order to secure this flower, which he had been forced to show them in order to obtain their services. Just before sunrise on the following morning, he, who was always on the alert for trouble, heard a slight noise outside his tent. Peeping out he saw six of his guides, armed with the long knives they used in hunting their way through the undergrowth, stealthily advancing on the tent. Without waiting a moment Barrault seized the sword he had used to such good purpose in his fight with the rebels, and sprang out. The Indians, although surprised, relied on their superior numbers and returned the orchid hunter’s sword-thrusts with murderous lunges of their long knives. Barrault skillfully parried their blows until he had backed up against a huge tree, and then the real fight began. With the dexterity he had acquired in the French army he beat down the guards of the Indians, severely wounded three of them, and put the others to flight."

In the New York Herald of August 16, 1910, the adventures of another one of these collectors were recounted, although they were not as marvelous as those of Mr. Barrault. As a sample we copy the following:

"With a force of forty Indians to cut a path through the dense forest, Mr. Bensou, with guides and pack mules, made his way across Colombia from its capital, Bogota, and returned only after many narrow escapes, to say nothing of tribulations that came with the descent of many of his Indians and the loss of others through death."

Mr. Bensou said that if it had been possible to climb the trees to which the orchids attached themselves, it would have been easy to obtain them, but that climbing was perilous owing to the presence of small poisonous green snakes hidden in the foliage.

"While making his way in a boat up the Cane River, Mr. Bensou said his craft was overturned by an alligator, which with its mate made off with one of the Indian guides. Mr. Bensou said that he saved the life of one of his Indians who had been bitten by a snake by keeping him walking about for fourteen hours to dispel the lethargy that followed the bite. At another time, when his chief guide had left to obtain more Indians, Mr. Bensou cut loose in the forest and wandered about for two days without food."

The writer does not believe that either one of the collectors mentioned told the stories as published. Some reporter let his mind wander and manufactured tales that went into print. If they ever heard these stories, they would contradict them something that I do not know of. If the wonderful exploits would refer only to green or blue snakes, tremendous precipices,
inaccurate. But when the collectors wilfully and maliciously slander the natives as "thieves and assassins," it is time to put a stop to such talk.

In no country on the face of the earth is property more respected and life more secure, than in the countries where these collectors go. There is as much danger of snakes and other animals there as there is in any place in Jersey and New York, and the climate where the commercial orchids grow and are collected is far better than any climate in the north and simply delicious.

It is peculiar that all the "green collectors," or the new starters are the manufacturers of these wonderful stories. We have not seen men like Lager, Dangeroth, Forgit and other collectors of our culture tell stories of the kind we have read as told above.

It is well for all to know that orchid-collecting is not such a dangerous undertaking; that heroes are not forced to take arms and fight the rebels in any country, and that they only do it in dreams; that it is very seldom that a man can see a snake; that orchids do not grow in the jungle or in deleterious climates; that the natives do not rob the collectors in any way, and that they are as honest as the collectors themselves. That no collectors go into the forests to gather the plants except the natives; that the armies of dangerous black ants are the products of feverish imagination, and that the search for the "Snow-white Orchid," is nothing but one of the prettiest flus given to ignorant readers.

I will take later on the description of orchid-collecting as it is done, and meanwhile I hope that the collectors will endeavor to give true accounts of their experiences, and especially to be careful not to give the natives from whom they receive so many favors and who work so faithfully for them.

A COLLECTOR.

GLADIOLUS PINK BEAUTY.

This gladiolus may be said to be the first of an entirely new type. It is a large-flowered variety, blossoming at the same time as The Bride and others of that section, and it may be expected to find great favor where an early display is wanted. The introducer is Mr. P. Vos, of Haarlem, Holland, at whose request I grew a number of bulbs in the garden here, in order to see if I was designing of testing its early-flowering qualities in Scotland. It has also been successfully tried in various parts of England, and so far there is no doubt about its earliness. Planted with Childsii, Lemoine’s hybrids and named varieties of the Gandaviscus type during the last week of March, Pink Beauty bloomed seven weeks in advance of any of the others.—Thomas Hay in "The Garden," London.
Horticulture

During Recess

New York Florists' Club Outing.

A beautiful clear day, refreshing ocean breezes and a company of about 250 jovial members, all comprised to make the annual outing of the New York Florists' Club, June 28, a pronounced success. To this another factor may be added—the efficiency with which the management of Wiltz's Point Grove catered to the inner man. A pleasant trip down the harbor preceded the landing at Governor's Island, which was all secured, President J. B. Nugent made a brief and pertinent remarks of welcome and congratulation.

Mrs. R. B. Jones was as usual a center of interest for old and young, and there were many of the latter in the company full of ambition to compete and win some of the tempting prizes listed in the program.

The Games.

Cup prize, for the three numbers of tickets drawn—first, second, third, $5, 25, 15 for Mrs. W. Graff, 5, R. Kirlstrom.

Full of second prize: 1, Miss A. Birdie; 2, Miss Middleton; 3, Mrs. Missem; 4, Mrs. L. Schmutz, Jr.; 5, Mrs. Donogh; 6, Mrs. R. Chadbew; 7, Mrs. L. Schmutz; 8, Mrs. E. Wirtman; 9, Mrs. Traendly.

Boys' race, 2 to 9 years: first, R. B. Jones; second, B. B. Jones; third, William Miller; 4, Alfred Schmutz; 5, Chas. Allsberg; 6, William Robart; 7, R. Kirlstrom.

Girls' race, 7 to 9 years: first, Katharine; second, Margaret Schmidt; 3, Gertrude Schmiedel; 4, Dorothy Manda; 5, Manda; 6, Chas. Manda; 7, Jos. Wolter; 8, Ira Friedberg; 9, Dora Rigo.

Girls' race, 10 to 12 years, 90 yds.: 1, Barbara Missem; 2, Louise Landon; 3, Eloise Schmiedel.

Boys' race, 10 to 12 years, 90 yds.: 1, Edwin Einsm; 2, Laurence Einsm; 3, Geo. Wolter.

Young ladies' race, 13 to 15 years, 100 yds.: 1, Karen Manda; 2, Olive Her; 3, Alice Wolter; 4, Margaret Weber; 5, Maria Thomae.

Boys' race (shoe race) 13 to 16 years: 1, William Schmutz; 2, Philip Bolles; 3, Geo. Wolter; 4, Laurence Einsm.

Boys' race, 16 to 19 years, 150 yds.: 1, Fredy; 2, Samml.; 3, Geo. Wolter; 4, Chas. Schmutz.

Young men's race, 20 to 23 years, 1 mile: 1, Geo. Gardner; 2, A. Weston; 3, Edw. Manda; 4, Frank Manda.

Young ladies' race, 16 to 20 years, 50 yds.: 1, Doris Streif; 2, Annie Birne; 3, Julia Manda.

Special race, 100 yds., by request, C. W. Scott vs. John Manda—won by John Manda.

Men's pipe race, 25 years or over, changed by the committee to four men's race: 1, Jos. Manda; 2, B. Jacobs; 3, Jacob Dreer.

Married ladies' race: 1, Mrs. A. P. Cain; 2, Mrs. A. L. Mander; 3, Mrs. Frances Schmiedel; 4, Mrs. H. Horner.

Married ladies' needle race: 1, Mrs. A. F. Ebert; 2, Geo. Lero; 3, Frances Schmiedel.

Boys' race (cut flowers only) 100 yds.: 1, Walter Schmutz; 2, Alex. Donaldson; 3, Anthony Pump; 4, A. L. Miller.

The names of the following, Mr. Samuel Mills and Paul Rios: 2, Edw. Manda and A. 8. H Russia.

Sack race: 1, Edw. Manda; 2, Walter Schmutz; 3, Charles Chadbew.

Penny race: children under ten years: 1, Ira Friedberg; 2, Charles Missem; 3, Charles Allsberg.

Growers' race (cut flowers only) 100 yds.: 1, John Manda; 2, William Schmutz; 3, Geo. Wolter; 4, Alex. Donaldson; 5, Charles Schmutz; 6, Charles Chadbew; 7, Charles Allsberg.

Men's race, open 60 yds.: 1, Philip Wolter.

Seedmen's race, 100 yds.: 1, Edw. Bagland; 2, Otto Krommer; 3, Alfred Ricks.

Gentlemen's bowling: 1, Mr. Rovato; 2, Mr. Chadbew; 3, Mr. White; 4, Mr. Wirtman; 5, Frank H. Traendly; 6, Mr. Turner.

Running hop, skip and jump (open to men only): 1, Walter Schmutz; 2, Andrew Scott.


Special prize for handsomest lady—Mrs. H. Buell, Sr. Also for handsomest baby under two years of age, a prize to each as follows: John C. Donaldson, James Kesser; Andrew J. Hanel and Gladys Hunger.

Watermelon race: guessing the number of seeds contained in the melon proved to be 1121. Alfred Schmutz, guess 1121; 2, Chas. Traendly, guess 1126; 3, Chas. Manda, guess 1124; 4, R. Kirlstrom; 5, A. C. Scott. Guess, 1156.

After the games were finished dinner was served and the prizes were won distributed by President Nugent.

The outing committee was composed of Jos. S. Fenrich, chairman, Robert Young, secretary, A. H. Langjahr, treasurer, C. W. Schmiedel, R. Butterfield, R. Chadbew, Chas. Chadbew, John Donaldson and William Kesser.

Baseball at Philadelphia.

In one of the most interesting games ever played at Ardmore, Pa., the William Henry Maule Company's baseball team succeeded in defeating the Henry F. Michell Company's team by the score of 5 to 4. The game was played on the original plays on both sides, which brought the spectators to their feet in time and again.

A crowd of people witnessed the struggle for supremacy of the Seed League, which promises to be an interesting race before the end of the season.

Saturday, July 8th, Henry F. Michell Company's team plays Henry A. Dreer's, Inc. team at Riverton, N. J. The boys of both teams are practicing every day and a tight game is expected.

The score of Saturday's game is as follows:

1 2 3 4 5 6 7 8 9 H R F
Maule 3 1 0 1 0 0 0 0 1 1 4 4 2
Michell 0 0 0 0 0 0

An Interesting Fishing Trip.

A fishing party consisting of James E. Jones, Proprietor of the Advance Co., and Mr. Raymond, Fred H. Lemon, proprietor of the Fred H. Lemon Co., florists, Indianapolis, Ind., and two other local friends motored to Colon, Mich., on June 23rd. The trip was made on a very warm day and some tire trouble was experienced. Mr. Lemon, standing 5 feet 2 inches, wearing borrowed clothes for a fishing costume, represented a typical Ichabod Crane. Regardless of this, his fine disposition and comical jokes kept the party in a merry condition at all times. Several fine fish were caught by the party including a "hillfish" or "guarfish" which was 12 inches long. The rushed condition of the two firms above mentioned shorted the stay of the party, and the party was made on the 27th without incident.

Chicago Bowling.

Scores June 22, 1911:

J. Huebner 190 179 171
J. Stevens 213 237 167
Huebner 178 122 149
M. Pomeroy 178
W. Lormann 153 165 150
H. Schmutz 213 138 238
A. Zech 211 151 179
T. Vogel 156 192 114
J. Zech 158 192 184

The value of clay for pottery is not based on the mere cost of delivering the clay at a certain place, but on the quality of the pottery, which, in the hands of artists, can be produced by that particular clay. Both material and art are necessary to create the ultimate value—one is dependent upon the other.

So with lily bulbs, you must have good bulbs and be a flowering artist to evolve from them all they will produce. Bad bulbs are the most costly to buy because of the lost time, space, expense and effort wasted and then no returns, so how foolish it really is to buy bulbs because they are cheap—that's when you should be suspicious of them.

Get good bulbs—base your costs on the average flower production and don't take chances on cheap bulbs, for one dose of bad bulbs will more than offset the additional cost of better bulbs for perhaps ten years. Horseshoe Brand Cold Storage Giganteum ready for delivery now or later—fully matured December 19.0 bulbs—the best produced. Prices sufficient to allow us a reasonable profit only. Write for them.
Seed Trade

Chicago, Ill.—By taking in No. 226 West Kinzie street, the Leonard Seed Co. has added about 15,000 square feet.

The Moore Seed Co. is moving into its large store at 125 Market street.

San Francisco, Cal.—The Trumbull Seed Co. has opened a store at 259 Market street.

Yonkers, N. Y.—A retail florist branch has been added to the seed business of Carter & Son.

Baltimore, Md.—The Frederick Welserman Seed Co. and Robinson Bros. have opened new seed houses to be established here.

New Ulm, Minn.—F. W. Kosek is now manager for the Minnesota Seed Co. He was formerly with the Farmers’ Seed and Nursery Co., Fairhault, Minn.

Memphis, Tenn.—The United States Seed Co. has established a branch office at Front street and Gayoso avenue. Charles Jackson of Fredonia has been appointed manager.

Langdon, No. Dak.—Specifications are out for a new seed building to be erected here. It will be much the same as the seed building at the agricultural college.

Jackson, Mich.—The American Seeding Co. lost several carloads of farm machinery on June 27 by a fire which totally destroyed the big building of the Storage and Transfer Co., where it was stored.

Chicago, Ill.—The W. W. Barnard Co. have leased the stores at 231-233-235 W. Madison street, Chicago, and will move from their present quarters on Fifth avenue, January 1st, 1912. This will give them a much larger place and a better opportunity for handling their increasing retail business.

Howard M. Earl, manager for W. Atlee Burpee & Co., arrived home from his crop inspection tour of the 22nd west, which has extended as far as the Pacific coast, and was a strenuous eighteen-day flying trip. We hope to get a line on how crops are looking, and what the prospects are,—when he gets his breath. This will be of much interest to the seed trade—coming from a keen observer and one representing big things in seed growing and distribution.

Little Ads Bring Big Returns

Little ads in our Classified Columns bring big returns to both advertiser and purchaser.

Anything that can be sold to florists, gardeners, park and cemetery superintendents, etc., can be sold through this medium. In this department, and at very small cost.

Don’t fail to spread them each issue, for you will find one or more that will prove profitable to you.

They Cost Only One Cent a Word Undisposed

RHODODENDRONS AT REGENT’S PARK.

What is claimed to be the largest flower show ever held in the world was held during the month of June in a shady dell covered with a huge ridge and furrow tent in the garden of the Royal Botanical Society, Regent’s Park, London, by the well known firm of John Waterer & Sons of Bagshot, Surrey, specialists in American plants. This imposing animal display has been made by that firm in the same place for many years past.

It is an ideal spot, chosen with a view to the picturesque, and our best compliments must be offered to the firm on the marvellous artistic taste displayed, somewhat a rarity amongst English horticultural exhibitors. The area covered is something like half an acre.

We are about to proceed to make our notes and wander round the show on our own sweet way when a courteous attendant offers to place himself at our disposal in any direction we are disposed to follow. This is the only firm that we are taking notes for HORTICULTURE of Boston, U. S. A., is sufficient to arouse his interest and to draw attention to the point of interest, and best in the vast agglomeration of beauty and color effect. We learn from him that there are approximately 3000 plants of this large show and that these comprise about 120 varieties. There would seem to be an increasing section of the flower-loving fraternity devoting their attention to the plant and small amateurs in and around our great cities are using the rhododendron much more freely than formerly, leaving aside aucubas, privets and other evergreen shrubs once so much the fashion.

It would be practically impossible to list all the many varieties that form the bulk of this important display, but passing along the outer border we notice at intervals attractive plantings of Mrs. Tritton, crimson, light centre. Gloriosum, blush white, Sappho, white heavily spotted, Baronesse amara, rose crimson, and Mrs. Holford salmon crimson. Mrs. John Waterer, rosy crimson, Alum Grandiflorum, white, Everest, Roseum, rose lilac, Concessum light centre margined rose. Pink Pearl, seen in several lines, examples is most attractive. Gomer Waterer white, slightly blushed, Prometheus, crimson, Stella, pale lilac, spotted, John Holford, attractive blue blush, chocolate spots, Frederick Waterer fiery crimson, Michael Waterer scarlet crimson and Princess Hortensia, lilac rose are all noted as fine samples that will maintain the best traditions of the firm. We pass rapidly in review in the various beds and groupings others that can only be just briefly mentioned and of which a special note was taken, viz: Charlie Waterer, Strategist, Mrs. John Penn, Mme. Carvalho, Minnie, Lady Eleanor Cathcart, B. de Bruin, Mrs. John Clutton, Marshall Brood, Mrs. Holford, Lady Clementine Walsh, Helen Waterer, Mrs. Britton, Countess of Tankerville and numerous others.

Then we pass on to several more large and well filled beds of rhododendrons. Altogether the show is an eminently successful one and does great honor to the firm that has organized it especially considering that only a few days previously they made a fine display at the Royal Horticultural Society’s Hall of a similar character. In fact they filled the hall from May 29 to June 2nd with a similar kind of show entirely on their own account.

SOME INDUSTRIOUS BOYS.

There is an innovation in the Syracuse Park Department that might be followed with advantage by other cities. Two years ago some of the many and independent high school boys asked the Superintendent of Parks, David Campbell, for work on the parks. After some consideration he consented to give them a trial, and gave them to understand there were no soft spoons, that they would have only rough hard work to do. He was agreeably surprised to find they made good. This year over eighty are employed, shoveling soil, digging, hoeing, raking and the like. One can see doctors’, lawyers’ and other professional men’s sons with overalls and jumpers on working like good fellows—they do men’s work and get men’s pay. This roughing it will do them a vast amount of lasting good.

Freesias

FIRST SIZE: 75c., 100: $6.50, 1000

W. ELLIOTT & SONS, 42 Vesey St., New York

VEGETABLE PLANTS

CABBAGE, Wakefield, All Head, Succession, and other varieties, $1.00 per 1000; 10,000 and over, @$1.50 per 1000.

LETTUCE, Goddard Rapid, Big Boston, Boston Market and Trends, 50c. per 1000; 10,000 and over, @ $1.00 per 1000.

BEET, Crosby, Egyptian and Eclipse, $1.25 per 1000.

Cash With Order

R. VINCENT, JR. & SONS CO., WHITE MARSH, MD.

Goldan Self-Blanching Celery

White Plume, Giant Pascal transplanted plants, $2.75 per thousand. Untransplanted plants, $1.00 per thousand.

FOX HALL FARM
NORFOLK, VA.

COLDWELL LAWN MOWERS
Hand—Horse—Motor

Known All Over the World

Catalogue on Request.

NEWBURGH, N. Y.
MYOSOTIS “RUTH FISHER”

The finest “Forget-me-not” for florist use, very dwarf and compact, literally covered with bright blue flowers of immense size.

Trade Packet 50 cts.

HENRY F. MICHELL CO.
518 Market St., PHILADELPHIA.

TURNIP SEED BEANS
LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO

Florists and Seedsmen Sell Your Own Scratch or Poultry Food
We will make it for you under your own brand for $28.00 PER TON
Send to-day for sample 100 lb. bag, $1.50. Mr. C. E. Johnson of Atlantic Co., N. J., on Oct. 27, 1910, writes as follows:— I want to state that your three grades of Poultry Food; Chick Starter, Developing Food and “Square Deal” Scratch or Poultry Food stands without an equal to day. They are perfect mixtures and sound in grain and a pleasure to handle.

J. BOLGIANO & SON, Importers and Wholesalers. Established for 82 Years.
Baltimore, Md.

FINEST FLORISTS’ SEEDS
Price list free on request.
Joseph Breck & Sons Corp.
47-54 No. Market St., Boston, Mass.

Import Bulb List
Well Worth Reading
SEND FOR A COPY
The W. W. Barnard Co.
108-110 W. Kinzie St., CHICAGO

Bridgeman's Seed Warehouse
RICKARDS BROS.
Props.
37 East 19th St., New York City

SCHROEDER'S SEEDS

SEEDS PLANTS BULBS

All seasonable kinds of best quality.
Special prices on large lots

JAMES VICK'S SONS,
SEEDSMEN
ROCHESTER, N. Y.

Burpee's Seeds
PHILADELPHIA

SEEDS, SOWN NOW
OF
ANTIRRHINUM
WILL PRODUCE
CUT FLOWERS NEXT WINTER
GIANT STRAIN
The Owner, 60c. Trade Phil. 1 Mkt.
BOSTON

Cold Storage Lily of the Valley Pips
HIGHEST GRADE
Cases of 1000 pips @ $13.00 per case
Cases of 3000 pips @ $36.00 per case

J. M. THORBURN & CO.
33 Barclay Street
New York

CHOOSE SEEDS
FOR PRESENT PLANTING
Stocks, Asters, Chinese Primulas, etc.
THOMAS J. GREY CO.
32 South Market Street, Boston, Mass.

Braslan Seed Growers Co.
SALAD, Onion, Sweet Peas,
Grown for the Wholesale
Trade Only.
SAN JOSE, CALIF.
Of Interest to Retail Florists

Grand Haven, Mich.—Peter Lubin has closed his store on Washington avenue and gone to Newcastle, Ind.

Philadelphia, Pa.—Charles Schuck has retired from the firm of C. Schuck & Bro., and the partnership has been dissolved. William Schuck will carry on the business.

Detroit, Mich.—The building fever seems to have struck local retailers and the Bemb Floral Co. is the next in line to move into temporary quarters until the new flower emporium at the old location has been built.

Alexandria, Va.—A balloon from a carnival celebration here crashed through the greenhouse of D. J. Grillbortzer doing damage estimated at $250. Mr. Grillbortzer attached the property of the carnival company to insure payment.

STEAMER DEPARTURES

WASHINGON, D.C.

The Far-Famed Flowers of TORONTO

Delivered on mail or telegraph order for any occasion, in any part of the Dominion.

JOHN H. DUNLOP
96 Yonge St., -- Toronto, Ont.

The Park Floral Co.
J. A. VALENTINE
Pres.

DENVER, COLORADO

WILLIAM L. ROCK
FLOWER CO.

KANSAS CITY, MO.

will carefully execute orders for Kansas City and any town in Missouri or Kansas.

W. J. Palmer & Son
304 Main Street, Buffalo, N. Y.

Members Florists' Telegraph Assn.

ALBANY, N. Y.

EYRES

Flowers or Design Work DELIVERED IN ALBANY AND VICINITY ON TELEGRAPHIC ORDER 11 NORTH PEARL ST., ALBANY, N. Y.
MANY ARE TAKING ADVANTAGE OF OUR
PRE-INVENTORY SALE

Good from June 21st to August 15th

WE are making less than cost prices to reduce the expense of inventory and to make room for our new fall goods. Nothing will be sent out that is not first class stock and in perfect condition. Send for price list of stock.

E. H. HUNT, 131 N. Wabash Avenue, Chicago

CHICAGO NOTES.
Trade Items.

E. C. Amling asserts that White Killarney has supplanted Kaiserin, in his experience, and that in the near future a red Killarney will take the place of Red Kaiser and R. B. C.

C. H. Ketcham of South Haven, Mich., who specializes in gladioli, is sending some fine stock to Chicago. His America were excellent and cut with four-foot stems.

All the wholesale houses are now closing at 5 p.m., as is their practice during July and August. Here is where they are the envy of the retailers, many of whom must keep open shop till 10 p.m.

The green and white windows are the most popular now and it certainly is a pleasure to the passersby to stop and look at them. Even the suggestion of coolness is appreciated by pedestrians when the thermometer is near the hundred mark for days.

A large sign over the entrance to 176 California will announce the opening of the Chicago Flower Growers' Association for the 15th of July and the building is being put in readiness on the street and will be occupied by the new firm and the others rented for the present. A wholesale florists' sign looks unusual on Michigan avenue, but the building is very close to the old district, an alley only, separating it from the J. A. Budlong place.

Frank Oechslin, 4511 W. Quincy street, who does a splendid for the wholesale trade, is fast getting his new range of six houses into shape. It will make a fine addition to his already fine line. A new office is also under construction and will greatly facilitate the handling of orders, etc. Over 4000 square feet of cement work have been laid, the parkways have been planted to bedding stock and other general improvements made. The new range is constructed of cement walls with pipe frame. The Poetry Manufacturing Company furnished the rafters and gutters. A No. 12 Kroescell holler will complete the equipment.

Personal.

Phil Schup and family are at their summer home at Lake Geneva.

Nick Miller is able to take up his work again after being off duty for a month with a disabled shoulder caused by a fall from a horse.

A Lange and family will start for the west July 10th. On account of the hot weather Mr. Lange has given up Michigan avenue and announces Colorado Springs as headquarters.

A. J. Simmon of 63rd street is rapidly regaining his health and is anticipating an outing with the National Guards, of which he is a member, at the state encampment.

Martha Gunderberg reports her mother as going nicely, though it is still too early to tell whether the cut made by broken glass will leave permanent scars. Mrs. Gunderberg was on the Milwaukee car coming from the Springfest and reported last week as seriously injured.

Jack Byers, who left a week ago for a motor boat cruise on Lake Michigan, had a very narrow escape from drowning. The little boat met with a very rough sea and the engine broke just as she was going into the harbor. Had this happened outside it is extremely doubtful if the occupants of the boat could have reached shore.

Mrs. Joseph Brooks of Morton Grove came very near being a victim to premature celebration of July 4th. While the family was sitting on the lawn Sunday evening a falling rocket stick passed through Mrs. Brooks’ hair just grazing her head. The rocket fell with great force and would have caused injury and possible death had it struck her squarely on the head.

Visitor—C. C. Scoville, St. Louis, Mo., Philip Breitmeyer, Detroit, Mich.

NEWS NOTES.

Cumberland, Ind.—A cold storage plant is being built here by the Smith & Young Co.

Haverhill, Mass.—The partnership of Leith & McDonald has been dissolved. Frank Leith will continue the business in his own name.

Riverside, Cal.—F. D. Mear has sold his half interest in the Riverside Nursery to E. M. Syp of the firm of Syp & Hendricks.

Atlantic City, N. J.—A partnership has been formed between Walsh & Burns, who will do a business in shrubs, plants, gardening, etc., at 415 North Williams avenue.

Baldwinsville, N. Y.—The dwelling and greenhouse of Mrs. Thos. Emerick has been purchased by S. C. Baker, formerly of Baker & Son. He will continue growing a general line of stock.

"FLOWERS BY TELEGRAPH." Leading Retail Florists Listed for Towns for Ready Reference.


Buffalo, N. Y.—Palmer's 304 Main St. Chicago—James J. Smyth, Michigan Ave. and 33rd St.

Dayton, O.—Matthews, The Florist.

Denver, Col.—Park Floral Co., 1654 F'way.

Detroit—Mr. & Mrs. Breitmeyer's Sons, Mimi and Gratiai Ares.

Kansas City, Mo.—Samuel Murray, 912 Grand Ave.

Kansas City, Mo.—Wm. L. Rock Flower Co., 1116 Walnut St.

Louisville, Ky.—Jacob Schelz, 503 South Fourth Ave.

New York—David Clarke's Sons, 2151-2161 Broadway.

New York—Alex. McConnell, 611 5th Ave.


New York—Young & Nugent, 12 W. 28th St.

New York—Dardos, N. E. cor. 44th St. and Madison Ave.

St. Paul, Minn.—Holm & Olson.

Toronto, Can.—J. H. Dunlop, 96 Yonge St.

Washington, D.C.—Trade Bros., 1214 F St.

Wellesley, Mass.—Tailby.

THE Florists' Supply House of America

H. BAYERSDORFER & CO.
1129 Arch St., Philadelphia, Pa.

LEADING FLORIST
Amsterdam, H. Y.
Schenectady, N. Y.

NEW ENGLAND
FLOWER DELIVERIES
Send Sower orders for delivery in Boston and all New England points to

THOS. F. GALVIN
124 Tremont St., Boston

TRANSFER
Year orders for flower or plant delivery in Eastern New England to

JULIUS A. ZINN
1 Park St., Boston

WELLESLEY COLLEGE
Main Hall, Walnut Hill and Rockridge Hall Schools. TAILBY, Wellesley, Mass.
Tel. Wellesley 40-2 and 2. Night 40-15
DURING THE HOT MONTHS

We have of exceptional good quality

Easter Lilies, per 100 .......... $10.00
Valley, per 100 ................. 3.00-4.00
Sweet Peas, per 100 ............ 50-1.00
Maryland Roses, per 100 ....... 3.00-8.00
Kaiserin Roses, per 100 ....... 3.00-8.00
Dagger Ferns, extra quality, per 1000 .... 1.50

The Leo Niessen Co.
1209 Arch Street, - PHILADELPHIA, PA.

THE BEST LETTERS
FOR THOSE
FLORISTS' USE

Boston Florist Letter Co
25 Pearl St., Boston
N. F. McCarthy, Mgr.

Order direct or buy from your local supply dealer. Insist on having the BOSTON Inscriptions, Emblems, etc. Always in Stock.

WELCH BROS.
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPREME
ROSES, LILIES OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED
226 Devonshire Street,
BOSTON, Mass.

WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100
TO DEALERS ONLY

July 6 | July 3
--- | ---
ROSES

BOSTON | CHICAGO | ST. LOUIS | PHILADELPHIA

Am. Beauty, Fancy and Special
Extra flowers
15.00
10.00
8.00
15.00
10.00
8.00
15.00
10.00
8.00

No. 1. cows
8.00
6.00
4.00
6.00
4.00
4.00
6.00
4.00
4.00

Richmond Cheatsay, Fancy & Spl.
Lower grades
4.00
3.00
2.00
3.00
2.00
2.00
3.00
2.00
2.00

Killarney, Maryland, Fancy & Spl.
Low. grades
1.00
1.00
2.00
1.00
1.00
2.00
1.00
1.00
2.00

Kaiserin, Carnot, Fancy & Spl.
10.00
8.00
6.00
8.00
6.00
6.00
8.00
6.00
6.00

CARNATIONS, First Quality
Ordinary
75
50
25
50
25
25
50
25
25

MISCELLANEOUS

Cattleyas
10.00
5.00
2.50
5.00
2.50
2.50
5.00
2.50
2.50

Lilies, Longiflorum
4.00
2.50
1.50
2.50
1.50
1.50
2.50
1.50
1.50

Gladiolus
3.00
2.00
1.00
2.00
1.00
1.00
2.00
1.00
1.00

Stocks
1.00
1.50
50
1.50
50
50
1.50
50
50

Dahlias
8.00
50
25
50
25
25
50
25
25

Snapdragons
3.00
2.00
1.00
2.00
1.00
1.00
2.00
1.00
1.00

Sweet Peas
2.00
1.00
50
1.00
50
50
1.00
50
50

Gardenias
12.00
6.00
3.00
6.00
3.00
3.00
6.00
3.00
3.00

Adenium
2.00
1.00
50
1.00
50
50
1.00
50
50

Succulents
1.25
1.00
50
1.00
50
50
1.00
50
50

Asparagus, Flamingo, statue (ton)
1.00
1.00
50
1.00
50
50
1.00
50
50

& Stem, (100 bchs)
25
20
15
20
15
15
20
15
15

J.A. BUDLONG
82-84-86 E. Randolph St., Chicago

OUR STOCK IS A-1 AND IT IS QUALITY NOT PRICES THAT TALKS

HENRY M. ROBINSON & CO.
15 Province St., Chapman Pl., BOSTON, MASS.

Everything in Flowers
Complete Stock of Florists' Greens,
Three Floors of Florists' Supplies.

Binghamton, N. Y.—Edward F. Quinn, florist, has been presented with a handsome chair in appreciation of his services in organizing the St. Paul’s Cemetery Association and interest in beautifying the grounds.

To Cut Flower Growers and Retail Florists

WANT TO FIND a market for your product?
WANT A REGULAR OR SPECIAL SUPPLY of the product of the best growers?

Consult the Advertisements on these Wholesale Flower Pages

The Advertisers Represented Here are the Leading Concerns in the Wholesale Flower Trade.
Flower Market Reports.

Today, the fifth of the Intensive heat finds the flower market almost wrecked. To get flowers into the city in any salable condition is next to impossible and to think of shipping them out again is an absurdity. Never before have we faced such a situation. Roses, carnations and sweet peas—the three mainstays of the market are worthless when the boxes are opened. It is unfortunate, to know we are at the very lowest point in the business season and the demand is at its weakest stage. For once Boston's famous eastern market to find her but we hope it is not for long. All field crops are suffering from drought.

The summer season, CHICAGO with a few variations to the usual condition is fully here. For six weeks extensive hot weather has prevailed and the usual amount of stock greatly lessened in consequence. Indoor stock has narrowed down to Beauties, orchids, summer roses, lilies of the valley, carnations and lilies. The Beauties are very good considering all things and the demand uses up the daily cut. Of summer roses the quality varies more. There are some splendid Killarneys, especially in white, and with orchids, lily of the valley and sweet peas have met the wedding and commencement demand, the indoor sweet peas just lasting through the month. Sweet peas have been greatly retarded in some localities, by the extreme heat and the vines permanently injured, while in all sections the stems are shortening rapidly. The demand for orchids has been steady. Red roses are not used much and orders are for limited quantities only. Gladolls in splendid quality in Michigan and this showy summer flower sells well when good varieties are offered. The wholesalers generally claim to be pleased with the volume of business done the past month and if summer stock holds up to what it now is, are expecting fair trade during the summer.

CINCINNATI last week in June was all that could be desired. Supplies are decreasing very rapidly, and those houses that are fortunate enough in receiving stock of good quality find a market, as good flowers are none too plentiful. There was a liberal supply of short-stemmed Beauties, with the longer grades just equal to the demand. The Taft rose continues to show its superiority over all other pink sorts for summer blooming, with My Maryland next in usage. Killarneys, both white and pink, that are received are short in stem, but help to relieve any possible shortage in the demand for pink roses. White roses, which have been hard to move during the previous week, slackened up, and with a good demand both locally and out of town for good white roses the market at times run short. Shorter grades were more plentiful. The receipts of carnations have become light, and those received clean up readily. Buyers are already inquiring for asters, but the prospect for these is not very bright, at least as far as local growers are concerned. Good sweet peas find a ready market, while those of poor quality are hard to move at any price. Chasta daisies are at an end for the season. Lily of the valley in fair supply and demand. Lilies are no longer as plentiful as they have been during the past month. They sell steadily and prices are well maintained.

The supply of green goods is in every way equal to the demand.

DETROIT For several days we have again been sweltering under a hot wave which breaks records daily as far back as 27 years. I am certain that nobody, no matter how enthusiastic, is over Detroit's many excellent features of a city to live in and work in, cares for Detroit to be a record breaker in such a direction. That flowers of all kinds are more than scarce need hardly to be mentioned. Indoor sweet peas are all gone, and out of door are checkered very much through the hot and dry spell. Retail demand has very much quieted down. Florists in general report the past June ahead of the one a year ago, but not as far ahead as May, 1911, was over May, 1910. This feature may be explained by the fact that the demand for bedding stock was more

A Seasonable Hose Offer

THE P/M BRAND

This brand has been made specially to our own order and specifications, and stands the rough usage of the greenhouse better than any other make at the price. Quality guaranteed. 25 and 50 ft. lengths.

16 cents per ft., couplings included.

THE BULL DOG BRAND. Next to the P/M this well known make is in great favor with florists.

16 cents per ft., couplings included.

THE 32½c. HOSE. This may sound an extravagance to many and yet we are told by some of our customers that it is even more economical in the long run than anything lower priced. 32½ cents per ft., couplings included.

All Hose sold by us is guaranteed. Store closes daily at 5 p.m., during July and August

S. S. PENNOCK-MEEHAN CO.

THE WHOLESALE FLORISTS OF

NEW YORK

PHILADELPHIA

WASHINGTON

109 W. 26th Street

1608-1620 Ludlow Street

1212 New York Ave.

WHOLESALE FLOWER MARKETS.—TRADE PRICES.—Per 100 TO DEALERS ONLY

<table>
<thead>
<tr>
<th>ROSES</th>
<th>CINCINNATI July 5</th>
<th>DETROIT July 3</th>
<th>BUFFALO June 20</th>
<th>PITTSBURG July 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ams. Beauty, Faz &amp; Sp</td>
<td>12.00 to 21.00</td>
<td>16.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>30.00 to 35.00</td>
</tr>
<tr>
<td>Extra</td>
<td>12.00 to 21.00</td>
<td>16.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>30.00 to 35.00</td>
</tr>
<tr>
<td>No. 1</td>
<td>12.00 to 21.00</td>
<td>16.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>30.00 to 35.00</td>
</tr>
<tr>
<td>Richmond, Chantey, Faz. &amp; Spl.</td>
<td>12.00 to 21.00</td>
<td>16.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>30.00 to 35.00</td>
</tr>
<tr>
<td>Michigan, Faz. &amp; Spl.</td>
<td>12.00 to 21.00</td>
<td>16.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>30.00 to 35.00</td>
</tr>
<tr>
<td>Killarney, Marysay, Faz. &amp; Spl.</td>
<td>12.00 to 21.00</td>
<td>16.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>30.00 to 35.00</td>
</tr>
<tr>
<td>Florid, 'Maid, F. &amp; S.</td>
<td>12.00 to 21.00</td>
<td>16.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>30.00 to 35.00</td>
</tr>
<tr>
<td>Low gr.</td>
<td>12.00 to 21.00</td>
<td>16.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>30.00 to 35.00</td>
</tr>
<tr>
<td>Carnations, First Quality of All Grades</td>
<td>12.00 to 21.00</td>
<td>16.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>30.00 to 35.00</td>
</tr>
</tbody>
</table>

MISCELLANEOUS

| Cattleyas | to 10.00 | to 15.00 | to 25.00 |
| Lilacs, Longiflorum | to 10.00 | to 15.00 | to 25.00 |
| Lilac of Valley | 3.00 to 5.00 | 4.00 to 6.00 | 5.00 to 7.00 |
| Gladolls | 3.00 to 5.00 | 4.00 to 6.00 | 5.00 to 7.00 |
| Stocks | 3.00 to 5.00 | 4.00 to 6.00 | 5.00 to 7.00 |
| Daisies | 5.00 to 7.00 | 6.00 to 8.00 | 7.00 to 9.00 |
| Snapdragons | 5.00 to 7.00 | 6.00 to 8.00 | 7.00 to 9.00 |
| Sweet Peas | 5.00 to 7.00 | 6.00 to 8.00 | 7.00 to 9.00 |
| Geraniums | 5.00 to 7.00 | 6.00 to 8.00 | 7.00 to 9.00 |
| Dwarf Alstroemeria | 5.00 to 7.00 | 6.00 to 8.00 | 7.00 to 9.00 |
| Smilax | 5.00 to 7.00 | 6.00 to 8.00 | 7.00 to 9.00 |
| Asparagus Plumosus, (Plano) | 5.00 to 7.00 | 6.00 to 8.00 | 7.00 to 9.00 |

(Continued on page 5)
Horticulture

M. C. Ford
Successor to
FORD BROTHERS
121 West 28th Street, New York

FINE ROSES, FANCY CARNATIONS
A Full Line of All CUT FLOWERS.
Telephone, 2876 or 2871 Madison Square

H. E. Froment
Wholesale Commission Florist, Choice Cut Flowers,
57 West 28th St., New York
Telephone: 2200, 2201, Madison Square

Alfred H. Langjahr
All choice cut-flowers in season. Send for quotations. Correspondence with shippers of first-class stock invited.
55 West 28th Street, New York
Telephone: 4838, 4839 Madison Square

Edward C. Horan
Wholesale Florist
55 West 28th St.

Greater New York Florists' Association, Inc.
New Open for Cut Flower Consignments.
162 Livingston Street, BROOKLYN, N. Y.
Geo. W. Crowe, Manager
3642-43 Main

Moore, Hentz & Nash
Wholesale Commission Florists
55 and 57 West 26th Street
Telephone 720 Madison Square, New York

A. Moltz & Co.
Wholesale Florists
A. Moltz
MAURICE L. GLASS
Cooper Building, 55-57 West 26th Street
NEW YORK CITY
Telephone 2521 Madison Square—Open from 5 a.m. to 6 p.m.

The Kervan Company
Fresh Cut Evergreens, Mosses, Southern Smilax, Lilies and Lemnoca, Preserved and Fresh Cut Cycles and Parrotlet.
Tel. 1531 8047 Madison Square

Reed & Keller
122 West 25th St., New York

Florists' Supplies
We manufacture all our Metal Designs, Baskets, Wire Work & Novelties
and are dealers in
Chimneys, Decorative Items and Florists' Supplies

P. J. Smith
Successor to JOHN L. RAYNOR
Wholesale Commission Florist
SELLING AGENT FOR LARGEST Growers
THE HOME OF THE LILY
TEL. 998 MADISON SQUARE
49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
Choice Cut Flowers
132 West 28th Street, New York
Telephone 3533-3534 Madison Square

JAMES McMANUS,
Tel. 739 Madison Ave.
55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th>Last Half of Week ending July 1</th>
<th>First Half of Week beginning July 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>135.00 to 20.00</td>
<td>15.00 to 25.00</td>
</tr>
<tr>
<td>135.00 to 20.00</td>
<td>15.00 to 25.00</td>
</tr>
<tr>
<td>115.00 to 20.00</td>
<td>10.00 to 15.00</td>
</tr>
<tr>
<td>100.00 to 20.00</td>
<td>9.00 to 12.00</td>
</tr>
<tr>
<td>100.00 to 20.00</td>
<td>9.00 to 12.00</td>
</tr>
<tr>
<td>85.00 to 15.00</td>
<td>8.00 to 10.00</td>
</tr>
<tr>
<td>85.00 to 15.00</td>
<td>8.00 to 10.00</td>
</tr>
<tr>
<td>65.00 to 10.00</td>
<td>5.00 to 8.00</td>
</tr>
<tr>
<td>55.00 to 10.00</td>
<td>5.00 to 8.00</td>
</tr>
<tr>
<td>55.00 to 10.00</td>
<td>5.00 to 8.00</td>
</tr>
<tr>
<td>35.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>35.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>35.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>35.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>25.00 to 2.00</td>
<td>1.50 to 2.00</td>
</tr>
<tr>
<td>25.00 to 2.00</td>
<td>1.50 to 2.00</td>
</tr>
<tr>
<td>25.00 to 2.00</td>
<td>1.50 to 2.00</td>
</tr>
<tr>
<td>25.00 to 2.00</td>
<td>1.50 to 2.00</td>
</tr>
<tr>
<td>20.00 to 1.50</td>
<td>.75 to .75</td>
</tr>
<tr>
<td>20.00 to 1.50</td>
<td>.75 to .75</td>
</tr>
<tr>
<td>20.00 to 1.50</td>
<td>.75 to .75</td>
</tr>
<tr>
<td>20.00 to 1.50</td>
<td>.75 to .75</td>
</tr>
<tr>
<td>15.00 to .75</td>
<td>.50 to .75</td>
</tr>
<tr>
<td>15.00 to .75</td>
<td>.50 to .75</td>
</tr>
<tr>
<td>15.00 to .75</td>
<td>.50 to .75</td>
</tr>
<tr>
<td>15.00 to .75</td>
<td>.50 to .75</td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephones 1664-1665 Madison Square

CONSIGNMENTS SOLICITED

Siebrecht & Siebrecht
Wholesale Florists
136 W. 28th St., New York City

Frank H. Traendly
Charles Schneck
TRAENDLY & SCHNECK
Wholesale Florists
131 West 28th St., New York
Telephone: 394 and 395 Madison Square

CENTRALLY LOCATED, THE HUB OF THE FLOWER MARKET SECTION

CHARLES MILLANG
Wholesale Florist
55 & 57 W. 26 St., New York
Telephone 7063 Madison

Wired Toothpicks
Manufactured by
W. J. COWEE, BERLIN, N. Y.
$1.75; 50.00; $7.50. Sample free
For sale by dealers

A. L. Young & Co.
WHOLESALE FLORISTS
Choice Cut Flowers
54 West 28th St., New York
Telephones 3559 Madison Sq

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., New York
Shipments, any quantity, Wholesale Market Rates.

Krick's Florist Novelties
Manufacturer and Patentee of the Perfect Adjustable Pin Handle or Hanger, Perfect Adjustable Plant Stands and the Original genuine Imoetor Let-
ters, etc. Every Letter Marked
11460 Bruck St., Brooklyn, N. Y. For Sale by all Supply Houses

July 8, 1911
Flower Market Reports

(Continued from page 50)

this year than last, on the other hand cut flowers had suffered very much from the hot weather in May, and the quality offered in June was very inferior.

Midsummer conditions

NEW YORK have struck this neighborhood with sudden vengeance. Everybody who could cut at will was turned loose and, as for those that are left, flowers are about the last thing they need. The extreme heat which has covered a large part of the country during the past week about ruined the flower crop for the time being. The product is small as to bulk and almost useless as to quality. The retail stores make no pretense of carrying stock. Their windows as a rule are adorned with a few ferns or palms, an occasional bunch of garden or field bloom and sometimes a dish of water lilies.

an order should chance to come in the purchasing clerk gathers himself together and makes the round of the wholesale stores where he is as welcome as can be. Steamer trade has fallen off and quiet times are on for the next few weeks.

PHILADELPHIA have looked carefully around the flower markets of Philadelphia for any signs of excitement in the cut flower markets. We have not found any to speak of and have the honor, therefore, to report that all is quiet along the Delaware. Some slight skirmishes were in evidence early last week and considerable loot was gathered in from the enemy; but later the operations were only of a commonplace character and barely sufficient to keep the commissariat department in ordinary rations. By Saturday much of the spoils were in danger of spoiling from the great heat—and were allowed to go to the enemy with little resistance. This strategic movement saved trouble and cleared the front for action on the 3rd. On the latter date some flank movements were successful with the American Beauty satillates and the enemy had to succumb to superior force, both in quality and indumity. Worthy of special mention also, was the good work done by the Marylanders. They were in fine form and got in the running considerably ahead of the Irish Brigade—the redoubtable Killarney Attila. The white squads were led by the Hohenzollerns in the nearby skirmishes; but for distance work the honors must be awarded to the Irish. The Carri Nation have shed their pants and are back in the cooking tents temporarily. Minor items not making history to any extent.

The market the past ST. LOUIS week showed very little of anything new and all the consignments continue to pour in in all varieties. Roses in demand but good ones are hard to find. Carnations also continue poor. Gladioli clean up daily. Lilies are good and lily of the valley has had a large demand. Sweet peas are very poor—in fact all outdoor stock is poor this season.

The cut flower trade SYRACUSEBehr, but large funeral orders kept the stock well worked up. The excessive heat for the past week or more has raised rain with everything in the houses. There is some anxiety felt over the chrysanthemums, and the outcome next fall. Carnations in the field are doing finely, and promise some grand plants for fall work. Heat and frequent rains in May and June gave them a good start, and frequent cultivation keeps the moisture in the ground. The plants are making a splendid growth. Some showers now would do much good, and tend to keep down red spider, which is bound to make its appearance if this excessive heat continues.

IN BANKRUPTCY.

Michael P. Toomey of Franklin, Mass., proprietor of the Oak Hill nurseries, and having a place of business at 10 Tremont street, Boston, has filed his schedules in bankruptcy in the United States District Court in which he acknowledges debts aggregating $12,539.57. Toomey was petitioned into bankruptcy on June 8. His assets amount to $760.12. Of the liabilities $9,581.57 is unsecured and $19,929 secured.

PERSONAL.

Carl C. Reck, florist, Main street, Bridgeport, Conn., was married June 20 to Miss Emily Reid Thomas.

Visitors in Boston—Mrs. Eugene Daillonde, Brooklyn, N. Y.; Miss Millie Dorner, Lafayette, Ind.

Robert Hinmuck, head gardener to Mr. Wm. Maxwell, Rockville, Conn., has resigned his position and is going back to Newport, R. I.

Mrs. Fillmore, Sr., who has charge of the cut flower department of F. J. Fillmore & Sons, St. Louis, is visiting Kansas City, Mo., for a two weeks' visit.

George Gordon of Beverly, Mass., started on July 6 on a two or three months' tour westward as far as the Pacific coast, stopping at Detroit, Denver, San Francisco, Portland, Seattle and other important points.

Mr. and Mrs. Charles Dingee, of West Grove, Pa., announce today the engagement of their daughter, Miss Marion H. Dingee, to Mr. George M. Barnard, of New Castle, Ind. Mr. Barnard is the Mayor of New Castle, and a son of former Congressman Barnard of Indiana. The wedding will take place in the autumn at the country home of Mr. and Mrs. Dingee, at West Grove, Pa.

The many Boston friends of Mr. Michael Keenan will be glad to know of his success as manager for P. R. quilin at his Salena street store. Syrnan, N. Y. Every one in the trade has a good word to say for him, and he is making a host of friends among all classes. His work as a designer is much praised. A very important item with all florists is window decoration, and this receives his personal supervision, and many attractive and artistic displays have been made. The store itself has been greatly improved, and now looks up to date.
Buyer’s Directory and Ready Reference Guide

Advertisements under this head, one cent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Buyers failing to find what they want in this list will confer a favor by writing us and we will try to put them in communication with reliable dealers.

ACCOUNTANT
R. J. Dysart, 28 State St., Boston. For page see List of Advertisers.

AMPELOPSIS
AMPELOPSIS VESTCHII. Strong seedlings. 50c per 100; $4.00 per 1000 prepaid.
P. Pearson, 5222 Guion St., Chicago.

ARACARIAS

ASPARGUS
A. Leathy & Co., Rockford, Mass. For page see List of Advertisers.

ASTER SEED
Eimer & Smith, Adrian, Mich. For page see List of Advertisers.

AZALEAS
P. Wurzolker, Hoboken, N. J. For page see List of Advertisers.

BAY TREES
A. Leathy & Co., Rockford, Mass. For page see List of Advertisers.

BOILERS
Kroeschell Bros. Co., 466 Erie St., Chicago. For page see List of Advertisers.

BOUVDIRAS
J. W. Renard, M. A., Mass. For page see List of Advertisers.

BOXWOOD
Boxwood for window boxes, $20.00, $25.00, $30.00, $40.00 per 100. Pyramids in tubs, very fine. $1.00, $2.00, $3.00, $6.00 a pair. A. Schneiths, College Point, Queens- borough, N.Y.

BOXWOOD TREES
Bobblin & Atkins, Rutherford, N. J. For page see List of Advertisers.

BULBS AND TUBERS
Joseph Breck & Sons, 47-54 N. Market St., Boston. For page see List of Advertisers.
J. M. Thorburn & Co., 33 Barclay St., N.Y. For page see List of Advertisers.
A. T. Boddington, 342 W. 14th St., N.Y. For page see List of Advertisers.
Rickard Bros., 37 East 19th St., New York. For page see List of Advertisers.
Henry F. McCullough, Chicago, Ill. For page see List of Advertisers.
T. J. Gray & Co., 1223 So. Market St., Chicago. For page see List of Advertisers.

BEDDING PLANTS

BOUGAINVILLEA
A. Leathy & Co., Rockford, Ill. For page see List of Advertisers.

BEGONIAS
A. Leathy & Co., Rockford, Ill. For page see List of Advertisers.

BOONES

BRIDGES
Bridges & Bridge, Philadelphia, Pa. For page see List of Advertisers.

BROOKSHIRE
A. Leathy & Co., Rockford, Ill. For page see List of Advertisers.

BROOMS
Elmer & Smith, Adrian, Mich. For page see List of Advertisers.

BULBS & TUBERS
B. Y. Moire, 16 W. 23rd St., N.Y. For page see List of Advertisers.

BUTTERFLY VINE
B. Y. Moire, 16 W. 23rd St., N.Y. For page see List of Advertisers.

CANNAS

CARNATIONS
F. Dorner & Sons Co., Lafayette, Ind. For page see List of Advertisers.

CARNATIONS
Chicago Carnation Co., Joliet, III. For page see List of Advertisers.

CARNATIONS
Plattsmouth Carnation Staple, 50c. For page see List of Advertisers.

CARNATIONS
Pillsbury's Carnation Staple, 50c. For page see List of Advertisers.

CARNATIONS
Pillsbury’s, M. J., Pill, Pillsbury, Galesburg, Ill. For page see List of Advertisers.

CHRYSANTHEMUMS
Wood Bros., Fishkill, N. Y. For page see List of Advertisers.

CINNARIA
Cinarras, best strain dwarf, 2½ in., $2.00 per 100; 500 for $5.00. J. C. Schmidt, Birstol, Pa.

CINNAMON
250 Cinnamons Scandens, 4 in., $4.00 per 100, purple. W. H. & Sons, 641 Dempster St., Evanston, Ill.

COCONUT FIBRE SOIL
50th Century Plant Food Co., Heverly, Mass. For page see List of Advertisers.

COLEUS
R. Vincent, Jr. & Sons Co., White Marsh, Md. For page see List of Advertisers.

COHOES
Cohoes, 2½ in., 25c per 100; in 500 lots, 10c per 100. Julius Roehrs, Rutherford, N. J.

COHOES
Cohoes Lorraine, 2½ in., 25c per 100; in 500 lots, 10c per 100. Julius Roehrs, Rutherford, N. J.

COHOES
Cohoes Lorraine, 2½ in., 25c per 100; in 500 lots, 10c per 100. Julius Roehrs, Rutherford, N. J.

COHOES
Cohoes Lorraine, 2½ in., 25c per 100; in 500 lots, 10c per 100. Julius Roehrs, Rutherford, N. J.

COHOES
Cohoes Lorraine, 2½ in., 25c per 100; in 500 lots, 10c per 100. Julius Roehrs, Rutherford, N. J.

COHOES
Cohoes Lorraine, 2½ in., 25c per 100; in 500 lots, 10c per 100. Julius Roehrs, Rutherford, N. J.

COHOES
Cohoes Lorraine, 2½ in., 25c per 100; in 500 lots, 10c per 100. Julius Roehrs, Rutherford, N. J.

COHOES
Cohoes Lorraine, 2½ in., 25c per 100; in 500 lots, 10c per 100. Julius Roehrs, Rutherford, N. J.

COHOES
Cohoes Lorraine, 2½ in., 25c per 100; in 500 lots, 10c per 100. Julius Roehrs, Rutherford, N. J.
In writing to Advertisers kindly mention Horticulture
SEEDS—Concluded
For page see List ofAdvertisers.
For page see List ofAdvertisers.
Flower Seeds for the Florist.
For page see List ofAdvertisers.
J. M. Whetham & Co., 35 Barclay St., N. Y.
Asparagus Plumosus Nudus Seeds.
For page see List ofAdvertisers.
For page see List ofAdvertisers.
Leonard Seed Co., Chicago, Ill.
Benas, Fein, Co., North Tonap.
For page see List ofAdvertisers.
Wm. Elliott & Sons, New York.
For page see List ofAdvertisers.
James Vickers, Rocha, N. Y.
All Leading Varieties of Seeds.
For page see List ofAdvertisers.
For page see List ofAdvertisers.
The W. W. Barnard Co., Chicago, Ill.
For page see List ofAdvertisers.
J. Bohjano & Son, Baltimore, Md.
For page see List ofAdvertisers.

SPHAGNUM MOSS
Live Sphagnum moss, orchid peat and orchid baskets always on hand. Langer & Hurrell, Summit, N. J.
Ten boxes sphagnum moss, $7.00. Z. K. Jewett Co., Sparta, Wis.

SPRAYERS

STEVI
Steva rooted cuttings, 75c, a 100, prepaid. Chas. Leis, Monta, N. J.

SWAINSONA
Swainsonia. Strong 21/2 inch. bud and bloom, $3.00; 3 inch, $3.00; 5 inch, $5.00. Union City Greenhouses, Union City, N. J.

TREE RENOVATION
John T. Withers, Inc., Jersey City, N. J.
For page see List ofAdvertisers.

VALLEY PIPS
Loechner & Co., New York, N. Y.
For page see List ofAdvertisers.

VEGETABLE PLANTS
B. Vincent, Jr. & Sons Co., White Marsh, Md.
For page see List ofAdvertisers.
Fox Hill Farm, Norfolk, Va.
Golden Self-Branching Celery.
For page see List ofAdvertisers.

VENTILATING APPARATUS
For page see List ofAdvertisers.
The Advance Co., Richmond, Ind.
Imitation Ventilator Arm.
For page see List ofAdvertisers.

VINCAS
Vincia variegata from 3 in. pots, $5.00 per 100. Order with order. W. S. Nichol, Barrington, R. I.

WIREWORK
Reed & Keller, 122 W. 25th St., N. Y.
For page see List ofAdvertisers.
J. Jansky, Boston, Mass.
For page see List ofAdvertisers.

WIRED TOOTHPICKS
W. L. Johnson Co., New York, N. Y.
For page see List ofAdvertisers.

WOOD PRESERVATIVE
Conserva Wood Preservative doubles the life of all exposed lumber. Preserves beeches, pines, oaks or planking. Costs 3c, a stick, and saves ten times its cost. Samuel Cabot, Inc., Mfg. Chemists, Boston, Mass.

WHOLESALE FLORISTS
Boston
N. P. McCarthy & Co., 91 Hawley St.
For page see List ofAdvertisers.
Welch Bros., 226 Devonshire St.
For page see List ofAdvertisers.
H. M. Robinson & Co., 15 Province St.
and 9 Chapman Pl.
For page see List ofAdvertisers.

Buffalo, N. Y.
William P. Kasling Co., 382-3 Elliott St.
For page see List ofAdvertisers.

Chicago
Peter Reinberg, 51 Washington Ave.
For page see List ofAdvertisers.
Roehm Brothers Co., 25th Grove, III.
For page see List ofAdvertisers.
J. A. Budlong, 27-39 Randolph St.
For page see List ofAdvertisers.

Cincinnati, Ohio
The J. H. McCullough's Sons Co., 516 Walnut St.
For page see List ofAdvertisers.

Cromwell, Conn.
A. N. Pearson, Cromwell, Conn.
For page see List ofAdvertisers.

Detroit
Michigan Cut Flower Exchange, 38 and 40 Broadway.
For page see List ofAdvertisers.

New York
M. C. Ford, 121 W. 25th St., New York.
For page see List ofAdvertisers.
H. E. Fromm, 57 W. 25th St., New York.
For page see List ofAdvertisers.
H. C. Heron, 55 W. 25th St., New York.
For page see List ofAdvertisers.
For page see List ofAdvertisers.
James McManus, 55 W. 25th St., New York.
For page see List ofAdvertisers.
W. F. Sheridan, 133 W. 25th St., New York.
For page see List ofAdvertisers.
William H. Kuecher, 23 Willowbury St., Brooklyn, N. Y.
For page see List ofAdvertisers.

For page see List ofAdvertisers.

Philadelphia
Greater New York Florists' Association, 102 Livingston St., Brooklyn, N. Y.
For page see List ofAdvertisers.

L. L. Young & Co., 54 W. 25th St., N. Y.
For page see List ofAdvertisers.
Charles Milburn, 35 and 51 West 25th St.
For page see List ofAdvertisers.
P. J. Smith, 19 West 25th St., N. Y.
For page see List ofAdvertisers.
Frank Hillman, 51 West 25th St., New York, N. Y.
For page see List ofAdvertisers.

For page see List ofAdvertisers.

Karl H. Vogel, 41 Stone St.
For page see List ofAdvertisers.

Schréber & Schreber, 150 West 25th St., New York.
For page see List ofAdvertisers.

Philadelphia
Leo, Nissen Co., 1209 Arch St., Philadelphia, Pa.
For page see List ofAdvertisers.

For page see List ofAdvertisers.

Rochester, N. Y.
George B. Hart, 21 Stone St.
For page see List ofAdvertisers.

New Offers in This Issue.

FREESIAS.
Wm. Elliott & Sons, New York, N. Y.
For page see List ofAdvertisers.

KILLARNEYS, AMERICAN BEAUTIES, ASPARAGUS PLUMOSUS.
L. H. Coddington, Murray Hill, N. J.
For page see List ofAdvertisers.

MYOSOTIS “RUTH FISHER.”
For page see List ofAdvertisers.
GREENHOUSES BUILDING OR CONTEMPLATED.

Akrur, O.—Mrs. A. Work, one house.
Dayton, Ohio.—Harry Treadway, one house.

Hadley, Mass.—Montgomery Co., one house.

Hastings, Neb.—C. W. Winker, one house.

Los Angeles, Cal.—R. F. Vogel, one house.

Salon, Ohio.—E. Bonsall, range of houses.

Weedsport, N. Y. —irq. Be De Duc, addition.

Ipswich, Mass.—W. M. Davy, range of houses.

Georgetown, Ont., Can.—A. E. Moore, one house.

Portland, Ore.—Wm. E. Dungery, one house.

Tulsa, Okla.—Perry n. de Haven, one house.

Summit, N. J.—Valentine Hammen, two houses.

Urban., O.—R. H. Murphy’s Son, three houses.

Gorham, Me.—Roland Barrows, carnation house, 150 feet.

Washington, D. C.—A. B. Garden, two rose houses.

West Roxbury, Mass.—F. W. Holborn, one house.

Greenville, Tex.—Barlow Floro Co., range of houses.

Calistoga, Ky.—Heary Conklin, range of houses.

Oyster Bay, N. Y.—John Ingram, range of houses.

Wayne, Pa.—Frank Adelberger, house, 25 x 145 feet.

New Rochelle, N. Y.—Patrick Gleason, range of houses.

Canon City, Colo.—John L. & James R. Calvert, one house.

St. Louis, Mo.—H. J. Weber & Sons Nursery Co., one house.

Auburn, N. Y.—Dohls & Son, carnation house, 250 feet.

Baltimore, Md.—James T. Hamilton, rose house, 42 x 200 feet.

Lima, O.—Ralph Zettlitz, three houses, each 36 x 150 feet.

Toronto, Ont.—Bedford Park Floral Co., one 250-foot rose house.

Wheeling, W. Va.—Davidson Bros., carnation house, 30 x 150 feet.

Omaha, Neb.—Hess & Schwoda, seven houses, each 22 x 150 feet.

Chesnut Hill, Pa.—John Burton, rebuilding two 21 x 100 foot houses.

Toronto, Ont.—The Bedford Park Floral Co., rose house 25 x 250 feet.

Canon City, Colo.—John L. & James R. Calvert, one vegetable house.

Grand Rapids, Mich.—Henry Smith, two violet houses; rebuilding three houses.

Wallingford, Conn.—Rowden & Mitchell Co., show house, 45 x 75 feet, carnation house, 21 x 100 feet.

Cheyenne, Wyo.—C. H. Garwood, house, 20 x 36 feet, two 20 x 92 feet; a store building, 20 x 30 feet.

Kennett Square, Pa.—J. M. Palmer, three houses, each 20 x 140 feet. Fred Carney, one house, 28 x 106 feet. Worrall & Wilkinson, two houses, 20 x 140 feet.

Here’s a Mighty Fine Opportunity for a good man who knows the Nursery Business, or a firm who want a branch house.

I own one of the best greenhouse and nursery plants in the country—50,000 feet is now in cultivation and 100 acres in control of nursery stock. I am a banker, a mighty busy man, and cannot give this enterprise the attention it deserves. I have a reliable nursery firm, or a competent man who possesses good business qualities. The buildings may be sold. I am willing to negotiate a half interest at a fair price and on reasonable terms. It is desirable—but not absolutely necessary—that such a man should have a knowledge of greenhouse raising. A man of good judgment and experience would be very desirable. This locality is unexcelled for growing many kinds of nursery stock, and I believe it is an opportunity that will not be sold. A man of considerable financial resources, and with the aid of a capable man to establish a splendid fortune. If you feel that you are the type of a partner I am looking for, and you can invest from $15,000 to $20,000, write to me at once.

V. Z., McFarland Publicity Service
Box 4, Harrisburg, Pa.

Pine bidders, who know how, wanted now.

PARTNER WANTED.—An old established seed and implement house wants a live, hustling, young man to buy part interest and help in the management of the rapidly growing business. The country stands well in the market. To have proper help and management, can be made one of the largest in the country. All correspondence, please. The firm is not Conservator, care HORTICULTURE.

WANTS, FOR SALE, ETC.

Advertisements in this column are free. Either cash or orders. Cash with order. All correspondents addressed “care HORTICULTURE” should be sent to 11 Ham.

BUSINESS CHANCES

FORSale

FOIL SALE—Fresh from factory, 10 x 12, 16 x 18, 16 x 24, double thick, A and B qualities. Market dropped. Now is the time to buy and save money. Parshakovsky Bros., Inc., 50 Montrose Ave., Brooklyn, N. Y.

MISCELLANEOUS

WANTED to lease near good town a good market garden, 20 acres, with greenhouse, good dwelling and outbuildings. Where landscape work could be done. Rent $500 per year. Reply to B. Y., care HORTICULTURE.

MAKE THE FARM PAY

Complete Home Study Courses in Agriculture, Horticulture, Floriculture, Landscape Car

Owing, Forestry, Poultry Cul
ture, and many others. Courses under Prof. Brooks of the Mass. Agricultural College, Prof. Crag of Cornell University and other eminent teachers. Over one hun

dred courses for young men and women under able professors in leading colleges.

250 page catalog free. Write to day.

THE HOME CORRESPONDENCE SCHOOL

CABBAGE KEPT FREE FROM WORMS.

DRAKE'S GARDEN.


We have used Slug Shot and always found it very useful. Our potato crop yielded 200 bushels to the acre. Slug Shot for Cabbage Worms is the best defense in the world.

Very truly, F. A. DRAKE.

Cabbage Worms.

The Cabbage Worm has spread wherever cabbage is grown. Whether early cabbage or late cabbage, in garden or field, it perforates the plant and leaves of all worms one of the most disgusting, to find hidden away in the fields of the leaf.

IF YOU WANT CABBAGE FREE FROM WORMS, USE HAMMOND'S SLUG SHOT.

How to Destroy Cabbage Worms.—Slug Shot can be used lightly or heavily and the cabbage suffers no harm. The cabbage forms its head by the interior growth; it throws off its earlier and outside leaves, and no dust can enfold within its head. Apply Slug Shot with a Duster (see illustration), sieve it over the plants or full grown cabbages. The powder is very fine and goes a long way in field or garden.

To-Bak-Ine Products Kill Bugs

You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free).

Use any form you choose but buy it of

E. H. HUNT, 131 N. Wabash Avenue, Chicago.

The Best Bug Killer and Bloom Saver

For PROOF

Write to

P. R. Palethorpe Co.
OWENSBORO, KY.

NEWS NOTES.

Chicago, Ill.—An addition that will about treble the capacity of its iron-working plant is being made by the Polys Mfg. Co.

Montgomery, Ala.—The Fernhill Greenhouses will now be known as the Morningview Floral Co. The houses are to be moved to Evergreen street.

Framingham, Mass.—W. R. Nicholas has bought the greenhouse property and business of his father, William Nicholas. He will do considerable renovating and rebuilding, and will develop the plant into a first-class carination establishment.

Port Jefferson, Long Island, N. Y.—Liberty Gardens has been incorporated with capital stock of $10,000 by Arthur S. Greene, president; Henry E. Weekes, superintendent and manager; and Lavinia W. Greene, vice-president. The object is to produce vegetables, salads, fruits and flowers every day in the year. The present acreage is 14, but this will be increased from time to time. They expect to be ready for business about August 1. The true French intensive system will be followed and careful records will be kept to account for each foot of land and what it yields in profits. It is believed by the incorporators that America must eventually come to intensive gardening and they hope to have to hasten the day by training men for this special branch of work and aiding them in every way possible.

Imp Soap Spray

Clean and colorless. Forms invisible films. Non-corrosive, usual effective strength, one to thirty-two.

Guaranteed under Food and Drug Act 1912.

Single gallons, $1.50
In barrels, $1.00

Eastern Chemical Company
Pittsburg Street
BOSTON

KILMDEAD

The best of all the tobacco dusts for

Dusting or Fumigating

Wilson Plant Oil & Fertilizer Company
150 Nassau Street, NEW YORK CITY
Horticultural Supplies
Or Write for our special Catalogue—SA

Cocoanut Fibre Soil

Do you know what this is? Can you afford to remain ignorant? It means $5 for you. Write for sample box. Agents wanted.

USE KROESCHELL BOILERS AND KROESCHELL GENERATORS
AND PIPING SYSTEM: SATISFACTION GUARANTEED.

"I received your inquiry of the 9th inst. in regard to Kroeschell Generator purchased from you. We can safely say that without your Generator it would be almost impossible to heat our houses with any degree of safety, as our expansion tank is but 15 inches above the highest pipe line and we had to have it at a different point. To keep the required temperature during the recent cold spell, with the thermometer at 12 degrees below zero. We are glad of the opportunity to recommend your Generator, Boiler and Piping Plans to our future Friends, knowing that when placed as directed they will give perfect satisfaction. We did Our Own Piping, and none of us ever had any experience in that line before.

NORTH FLORAL CO., FORT DODGE, Ia.

KROESCHELL BROS. CO., 466 W. Erie St., Chicago, III.

FOR "POT LUCK" TRY US...

OUR NEW TWIST-LESS ARM

Note the simple construction. One bolt securely fastens it to the stealing pipe. Easy to set up.

POT MAKERS FOR 140 YEARS—WORLDS LARGEST MANUFACTURERS

WRITE FOR CATALOGUE AND DISCOUNTS

A. H. HEWS & CO., Inc.

Main Office and Factories
CAMBRIDGE, MASS.

PATENTS

Trademarks and Copyrights

Send your business direct to Washington.

Says time and insured better service.

Personal attention guaranteed.

Twenty-five years active service.

SPECIALTY: "Working on the Failures of Others."

SIEGERS & SIEGERS

PATENT LAWYERS

Box 9, National Union Building
Washington, D. C.

STANDARD FLOWER POT

Packed in small cases, easy to handle.

Price per crate
1500 sin. pots in crate $4.88
1500 9" " 5.75
1500 8" " 4.85
1500 7" " 4.00

Hand Made
48 sin. pots in crate $3.65
48 9" " 4.75
48 8" " 3.50
48 7" " 2.25

Seed pans, same price as pots. Send for price list of cylinders for cut flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address

HILLINGER BROS., Pottery, Fort Edward, N. Y.

Syracuse Red Pots

"A little pot is soon hot;" likewise a thin pot. This will control you. Our pots are the thinnest and toughest owing to the superior quality of the clay.

New price list on application.

Syracuse Pottery Co.,
Syracuse, N. Y.
DON'T PUT IT OFF

A GOOD GREENHOUSE WILL
MAKE MONEY FOR YOU, BECAUSE
YOU WILL BE ABLE TO GROW
THINGS WELL, AND THAT
SHOULD BE YOUR AIM, FOR GOOD
FLOWERS BRING THE GOOD
PRICES.

KING GREENHOUSES

FILL THIS REQUIREMENT FOR
THEY ARE CAREFULLY STUDIED
AND SCIENTIFICALLY DESIGNED,
TAKING INTO CONSIDERATION
ALL THE CONDITIONS IN A
GREENHOUSE. SEND FOR BUL-
LETINS AND QUESTION BLANK.

KING CONSTRUCTION CO.

HOME OFFICE AND WORKS
North Tonawanda
N.Y.

EASTERN SALES OFFICE
No. 1 Madison Avenue
NEW YORK

STANDARD PLATE GLASS-CO.

Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOSTON, MASS.
61-63 Portland St.

SHARP, PARTRIDGE & CO.

Are Leaders In
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.
CHICAGO, ILL.

BOSTON PLATE & WINDOW, GLASS CO.

GREENHOUSE GLASS

GERMAN AND
AMERICAN

261 to 287 A Street BOSTON
20 to 22 Canal Street

Greenhouse Material and Sash
Of Every Description
Get our Prices and Catalogue.
S. JACOBS & SONS
1339-1385 Flushing Ave.
Brooklyn, N.Y.

Holds Glass

Full Size

Pleated

Glazing Points are the best.
1 oz. 12 cts. postpaid
1 oz. 15 cts. postpaid
SEASONAL

BENJ. A. BRECK
915 Commerce Bk., Phila, Pa.

TO BUYERS
Patronize our advertisers, they will treat you right
Maine

The Potato State

Buys the Best; There Is in Greenhouses

She buys a goodly number of L. & R.'s complete "Iron Framers." This one of D. C. Blair's at Bar Harbor, Me., is but one of a dozen or more others right around in that section that have been sold comparatively recently by our Boston Office.

From Irvington, N. Y., to Bar Harbor, Maine, seems a long way to ship materials for a greenhouse, but Baton Rouge, Louisiana; Colorado Springs, Colorado; Los Angeles, California and such, don't stop for distance when they want one of our superior houses for superior purposes—so why should Maine.

The freight for such a distance is not such an item as you might think, as it is actually paid on finished materials only—materials that are all cut and ready for immediate erection. No large excess of express is shipped to be cut and wasted on the job as is the usual way—no excess of iron to be worked out by rule of the thumb measurements. The exact things needed are sent exact. They are made exact at the factory. Mention these facts to your employer; they are bound to impress him.

We are turning out two houses a day at our factories but they have room for that one of yours. Send along the particulars and see if we can't work together and get things started.

Lord & Burnham Company, FACTORIES: IRVINGTON, N. Y.
NEW YORK St. James Building
BOSTON Tremont Building
PHILADELPHIA Franklin Bank Building
CHICAGO Rookery Building

Hydrangeas
For Summer Flowering
LARGE PLANTS IN TUBS FOR JULY AND AUGUST FLOWERING

We have an unusually fine lot of hydrangeas, which have been held dormant all winter. These plants will begin to bloom the end of June or early in July, and are in fine shape for flowering during July and August. We can furnish these plants in ordinary tubs at $2.00 and $3.00 each.

Plants in new cedar tubs painted green, with handles, as follows:—
Well budded plants in 14-inch tubs, $3.00 each
Well budded plants in 16-inch tubs, $4.00 each
Well budded plants in 18-inch tubs, $5.00 each

Ferns

We have an exceptionally fine lot of Boston Ferns of the Harrell type and a splendid lot of Pierson Ferns, good and bushy well-grown plants in 8-inch pots that will please the most critical buyer.

Extra fine plants, $1.00 each.

MISCELLANEOUS BEDDING PLANTS

ABUTILON SAVITZI. 3½-in. pots, $8.00 per 100.
AGERATUM. Blue and white. 2½-in. pots, $2.50 per 100.
ALTERNANTHERA ROSEA AND AUREA NANA. 2½-in. pots, $3.00 per 100.
ASPARAGUS SPRENGERI. 2½-in. pots, $3.00 per 100.
BEGONIA VERNON. 2½-in. pots, $3.00 per 100.
CALADIUM ESCULENTUM. Strong started plants, $5.00 per 100.
CANNAS. Beaula de Pottevin, Florence Vaughan, Buttercup, Mile. Berat, Robert Christie, Souv. d’Antoine Crozy, Rebellion, Frederick Benary, L. Patry, etc. Strong potgrown plants, $5.00 per 100.
CROTONS. Fine assortment, 3½-in. pots, $25.00 per 100; 5-in. pots, $6.00 to $9.00 per dozen—according to size.
GERANIUMS. Double Grant, Targo, S. A. Nutt, Marquis de Castellane, Double Dryden, Jean Viaud, etc. Strong plants, 4-in. pots, $7.00 per 100.
HELIOPTRE. 2½-in. pots, $3.00 per 100.
LEMON VERBÉNAS. Extra strong plants, 2½-in. pots, $6.00 per 100.
MAGNOLIAS. Fine plants in bloom, 3-in. pots, $5.00 per 100.
PETUNIAS. Single mixed. 2½-in. pots, $3.00 per 100.
SALVIAS. 2½-in. pots, $3.00 per 100.

F. R. PIERSON COMPANY, Tarrytown-on-Hudson, NEW YORK
A RHODODENDRON SHOW

At Hall of the Royal Horticultural Society by John Waterer & Sons.
U KNOW US

Our Famous Wheat Sheaves

Are profitably handled by the KNOWING FLORISTS, who appreciate GOOD, FULL SHEAVES. Made by our PATENTED PROCESS of the BEST ITALIAN WHEAT right in our OWN FACTORY.

They are the “Rice Standard” that’s “Nuf Ced.”

Prices from 50c. per dozen upwards. Send us your next order. You will be PLEASED.

KATALOG for the asking.

The Leading Florists’ Supply House and Ribbon Specialists

M. RICE & CO., 1220 Race Street, Philadelphia, Pa.

Manufacturers—Importers—Originators

ORCHIDS

Greatest quantity and variety in the country. Established and freshly imported. Also material in which to grow them.

Write for special list and catalogue.

Lager & Hurrell, Summit N. J.

ORCHIDS

Largest Importers, Exporters, Growers, and Hybridists in the World

Sander, St. Alban’s, England

258 Broadway, Room 721 New York City

ORCHIDS

Plants and Flowers always on hand

Ordónez Bros., Madison, New Jersey

Roehrs

Orchids’ Azaleas, Palms, Lorraines, Crotons

Rutherford, N. J.

Lorraine Begonias

Strong 2½ in. stock, ready for 3½ in.

Per 100, $15.00; 250 at $11.00 per 100.

Thomas Roland, Nahant, Mass.

Robert Craig Co.

ROSES, PALMS,

and Novelties in Decorative Plants


Palms, Ferns and Decorative Plants

John Scott

Rutland Road and E. 45th St.

Tel. 45th St. 5209 Brooklyn, N. Y.

Boston Ferns, 3½ inch $3.00 per 100.

1½ inch $2.00 per 100; $2.00 per 1000; 25c at 1000 rates.

Cash with order

H. H. Barrows & Son

Whitman, Mass.

Ferns for Dishes

Assorted varieties, 2-in. pots, $3.00 100;
$1.50 50; 500 at 1000 rates.

Cash with order

Frank Oechslin

4011 Osborn St. - Chicago, Ill.

BEST PALMS

All Varieties, All Sizes.

Send for Price List

Joseph Heacock

Wyncoke, Pa.

DIRECT IMPORTATIONS

Bay Trees, Kentia, Azaleas, Valley Pips, Roses, Rhododendrons, Boxwood, Magnolias, Evergreens, Sap, Lilies, Efeas, etc., etc.

Nursery stock from France, Holland, England and Japan.

McHutchison & Co. 17 Murray St., New York, N. Y.

For Fall Planting

Lilium Tenuifolium, Henry, H. Hansen, Wallace and Davicicum; Elegans vars., Single and Double Tigers; Japan Tree Lilacs; Delphinium Formosum, Japan and German Iris; Daphne Cneorum.

Fall list ready in August.

E. S. Miller

Wading River, N. Y.

Herbert, Atco, N. J.

OAHLIAS Every Day in the Year

Little Ads Bring Big Returns

Little ads in our Classified Columns bring big returns to both advertiser and purchaser.

Anything that can be sold to florists, gardeners, park and cemetery superintendents, etc., can be sold through this medium in this department, and at very small cost.

Don’t fail to read them each issue, for you will find one or more that will prove profitable to you.

They Cost Only One Cent a Word Undispatched

July 15, 1911
GERANIUMS

The steady increase in the demand for Geraniums is proving beyond a doubt that they are the universal favorites with the flower-buying public. That they are today more popular than ever before, in fact the demand during the past season nearly exhausted the available supply. We are increasing our stock for propagation to the extent that we shall produce them in enormous quantity next winter and feel confident that we shall be in a position to fill your orders to your entire satisfaction, but would suggest that your order be placed early. We have already booked heavy on some kinds. Good standard sorts at $15.50 per 1000, from 2 in. pots.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

CHRYSANTHEMUMS

GENERAL COLLECTION.

From 2¼-inch pots, $3.00 per 100.

ROSES... Own Root—Fine Stock

White Killarney... from 3 in... $8.00
Richardson
Pink Killarney, Chatsenay, Kaiserin, Perles, Sunrise, Sunset, from 3 in. pots... $5.00
Bride, Bridesmaid, Golden Gate.

STEVIA COMPACTA
2½ inch pots. $3.00 per 100. $25.00 per 1000.

WOOD BROS. ... Fishkill, N. Y.

BEGONIAS

Gloire de Lorraine. Strong healthy plants. 2¼-inch, $12 per 100, $110 per 1000. 3-inch, $20 per 100, $180 per 1000.

POINSETTIAS

First-class stock. 2¼-inch, $6 per 100, $50 per 1000.

ASPARAGUS HATCHERI

The new Asparagus. Beats the old plomosus nanus in every respect. More graceful, more rapid grower, and will produce more green to the square foot than any other green you can grow. From 2½-inch pots, $15 per 100.

A. N. PIERSO, Inc., CROMWELL, CONN.

CHICAGO Carnations

F. DORNER & SONS CO.
LA FAYETTE, IND.

SKIDELSKY & IRWIN CO.
1215 BEETZ BUILDING, PHILADELPHIA, PA.

In ordering goods please add "I saw it in HORTICULTURE."
Farquhar's RARE LILIES FROM CHINA
Hardy, Beautiful, Fragrant. The Finest Novelties Extant

Lilium myriophyllum

LILIUM MYRIOPHYLLUM Mr. E. H. Wilson, the famous plant collector, collected for us the bulbs now offered, in North-western China. He considers this the finest of all lilies. It is absolutely hardy, and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink and with a beautiful shade of canary yellow at the centre, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy oppressive odor of most lilies. Blooms out-of-doors early in July.
Orders booked now for October delivery. Bulbs each, $1.50; dozen, $15.00.

LILIUM LEUCANTHEMUM The bulbs offered were also collected by Mr. Wilson. This is one of the strongest growing lilies—frequently attaining a height of six to eight feet. The flowers vary in number from five to ten on a stalk, and in size and shape resembling Lilium Harrisii, greenish white shaded purple on the outside, and of the purest white within, with a hint of citron in the centre. The flowers have a pleasing fragrance. This lily will undoubtedly be largely used for outdoor planting as well as for forcing. Many consider it the finest of all tubular-flowered lilies. It flowers somewhat later than Lilium myriophyllum, and being of larger growth, has a distinct place.
Orders booked now for October delivery. Bulbs each, $1.50; dozen, $15.00.

R. & J. Farquhar & Co.
SEEDSMEN AND NURSERYMEN
6 AND 7 SOUTH MARKET ST., BOSTON
Seasonable Notes on Culture of Florists' Stock

**CHRYSANTHEMUMS**

These plants that were bunched during May will be benefited by some sort of nourishment now. This can be supplied in the form of bone meal and about half an inch of some well-rotted cow manure. This will help to keep the beds from drying out so often and keep the roots much cooler. Where pot plants are well filled with roots, feeding can be commenced. Use weak doses of cow or sheep manure, to which some soot has been added; this will make the foliage a fine dark green while also affording good food for the plants. It is necessary during this hot weather to give copious and frequent syringings to keep the temperature down as much as possible. Buds can be taken on most of all the early kinds after the first week in August. This would include Golden Glow, Monrovia, October Frost, Bergman, Marston Yellow, Merry Monarch and Alice Byron. Polly Rose, Glory of the Pacific and Virginia Poehlmann should not be taken before the 20th of August as they produce only poor flowers if taken earlier. Plants in the late houses should be encouraged to make all the growth possible now. If any buds appear from now up to September they should be pinched off. If mildew is prevalent use sulphate of potash—half ounce to a gallon of water and spray over and under the leaves.

**HOUSING CARNATIONS**

It is well to bear in mind, when lifting the plants from the field, to remove them as quickly as possible to some place where they have some protection from the hot sun and dry winds. If you have plenty of plants select only the best and most shapely for benching. When planting make a hole with a trowel large enough to allow the roots to have a proper spread, and set the plants just a little higher than they were in the field, as a preventive for stem rot. Give a firm pressing around each and every plant. Shade your house with something that will come off in ten or twelve days. After the fourth day remove a little each day so that in either ten or twelve days the plants will be able to stand full sun. As soon as you have 50 or 60 feet of bench planted give each plant a good watering. Keep your house rather close for the first ten days and spray two or three times a day until the plants have taken hold of the sod, when spraying should be reduced to normal. Keep on plenty of ventilation for it is a necessity in securing sturdy short-jointed growth.

**HOLLYHOCKS**

Now is the best time to start a liberal lot of these useful plants. You can either sow seed outdoors or in a cold frame. When you have the latter at command it will prove the best, for you can give shade until the seeds have germinated and, with watering during dry weather and little care generally they will grow vigorously until the fall. Give the ground where they are to be planted a good quantity of well rotted manure and work it in by a deep digging; as they like a deep soil with plenty of manure. It is better not to plant these seedlings out until next spring, but winter them over in a cold frame. During three or four months of the severest winter weather they should be protected with glass sash.

**LILY BEGONIAS**

From now on keep all flowers pinched off and stop any runaway shoots. Give the plants a place quite close to the glass which should not be too heavily shaded. Where it is possible give them shade during the hottest hours of the day with a lattice that can be removed after 3 or 1 P.M. and need not be put on until 9 o'clock in the morning, or may be left off entirely during dull and cloudy days. Keep the air humid by wetting down the paths and beneath the benches; this will give tone to the foliage. When the plants begin to crowd give them a fresh stand with plenty of room between for light and air. Ventilate so as to avoid any sudden fluctuations in the temperature. Give them a shift before they become pot-bound until you have them in their flowering size. Use a compost of equal parts of fibrous loam, leaf mold, and well decayed cow manure.

**ONICIDIUMS**

These are good orchids to grow commercially, especially Oncidium varicosum Rogersii which has become very popular with florists. Give this orchid plenty of air at all times during the summer months and to insure an abundance of atmospheric moisture wet down the benches, paths and walk three or four times daily during very hot and dry days. From now until October use some shading material, but not too heavy, as these orchids like an abundance of light, without being exposed to the full sun. Permit the plants to dry out occasionally so as not to let them get "sour," but don't let them remain dry for any length of time. A good plan is to go over them about three times a week and take them down, as watering with the hose is not always satisfactory. Then those that are dry can be dipped in a tub of water, a method which always properly moistens the compost. In bright weather give syringing overhead once or twice a day. It is well to remember that all varieties delight in being as near the glass as practicable.

**PERENNIAL LUPINES AND LARKSPURS**

These stately and gorgeous herbaceous perennials are always in demand. It is not too late to sow a batch of seed now in a coldframe for they will germinate very soon. Don't be in too great a hurry to transplant—that is if the stock is not too crowded, for they can stand quite a bit of air without suffering, as long as you keep on cultivating between the rows and keep the weeds down. A slight shade to protect them against the noontday sun will do good, but full exposure to the sun the rest of the day, with proper watering and cultivating, is best. Lupinus polyphyllus—both the blue and white—are good. Of the tall delphiniums, formosum and formosum celestium are fine. In addition it is well not to forget the dwarfer growing Chinese delphiniums as they are fine also.

**ASPARAGUS SPEENBERGER**

A narrow bench running along the front or the rear of a well-lighted house is the proper place to grow this decorative green. It can also be grown in suspended or in raised receptacles and will give a valuable lot of green to cut from when grown this way. Give it where possible at least 10 inches of soil as it wants lots of root room. A soil that will grow roses will be all right for it but you can make it richer as they require the richest kind of soil to grow good. It will do finely in a temperature of about 55 degrees at night, or a little higher with plenty of moisture at its roots and with a reasonable amount of freely circulating fresh air. When the roots have filled their benches, boxes, or baskets they should have regular potations of liquid manure.

**LILIES FOR FALL**

Now is a good time to secure and start up a batch of retarded Lilium longiflorum and speciosum. They will come into flower when flowering stock is com-
paratively light. There is a fairly constant call for these choice lilies, especially for funeral work. Use 6 or 7-inch pots and let them start in as cool a place as you may have, to develop good root action before the tops start. A good place to put them is on a cool cellar floor. Water them whenever they seem dry and when the growth show above the pots give them a place where they will have full light. Be on the watch for aphis so that they will not get a foothold, or the result will be deformed and discolored blooms.

John J. M. Farrell

Mr. Farrell's next notes will be on the following: Callas; Musking Mixture; Pansies; Painting and Repairing: Rambler Roses; Salamanca.

Summer Flowering Orchids

The accompanying picture shows some of the summer-flowering orchids now in bloom among the Duke's Park collection, at Somerville, New Jersey. The group is made up of such species as Cattleya Gaskelliana, C. gigas, C. Harrisoniana, C. Mendelii and C. Warneri, with Oncidium cristum, O. Forbesii, and O. citrosum, and Epidendrum vitellinum, all of which when arranged together make a pleasing group.

The other picture is a Digbyana hybrid, cross between Brassavola Digbyana, and Cattleya Mendelii, usually called L-C. Digbyano-Mendelii, and which I think is one of the best, if not the best of all the Digbyana crosses. The two flowers shown here are pure white except for the throat, which has the markings as in the Mendelii throat. The flowers each measure 9 1/4 in. across, and the lip 4 in. at widest part, with a very heavy fringe.

Now that the summer months are here and the sun is about as hot as it will be, and most of the fall and winter flowering orchids have their new growths coming along, great care should be taken to protect them from the direct rays of the sun. The C. Percivalianas and Triannas will be more advanced than Schloderace, and root action will be more free with them. Therefore they should never be allowed to dry out so as to cause the plant to suffer. Again we very often find, where the plants have a quantity of young roots on the surface of the pot, that they are very often eaten by snails, and if not looked after the snails will soon clean the young growth of all its roots. While there are many ways to catch the snails, I always claim that it is far better for one to look over his plants at night as this is the time the snails get their work in. Although it may take a little extra time, it will pay in the end where snails are bad, for a few nights of going over will soon do away with a lot of them.

Phalaenopsis will be making new leaves now, and should be kept growing and given all the light you can without burning them. As the young leaves keep pushing up an outlook should be kept for any injurious insects, as they are very tender. A little time taken each morning to look over each plant will go a long way to make them a success. Just as soon as the C. Gaskelliana, Mendelii, and gigas are through flowering, would be the best time to repot or top dress them as needed.

William Shaw

Forcing Strawberries

Editor of Horticulture:

Dear Sir:—I read with interest your notes by G. H. Benson on varieties of strawberries for forcing.

Marshall is my best early. Excelsior is best with some of my neighbors. Commonwealth is an extra good second early. For late forcing Goldsborough will be found very satisfactory. The long foot stalks enables it to hold the fruit away up and out from the pot so that you can spray longer to keep clear of red spider without causing loss of fruit by damping.

Stamford, Conn.

W. M.
A FEW OBSERVATIONS ANENT SWEET PEAS.

By Edwin Lomobile, Lompoc, Cal.

To the Officers and Members of the National Sweet Pea Society of America:

We are all aware that the Sweet Pea by its own intrinsic worth has forged to the front and now heads the list among annual flowers; added to some extent, of course, by its numerous ardent admirers.

The Sweet Pea is rarely out of place, and is almost equally at home, blooming in the city yard, as it is in the more pretentious gardens of the suburbanite or on the broader acreage, further afield, among the more wealthy. The late and highly respected Henry Eckford is everywhere accorded the honored title of "The Father of the Sweet Pea," having by painstaking and well-directed effort, in cross-fertilizing and selecting, improved it in many of the great essentials, which include size, color, and form, but it was the advent of that beautiful variety, Countess Spencer, which marked the greatest advance in the modern sweet pea; and, its tendency to "sport," or vary, which this modern type has a predisposition to do, is not the least among its interesting qualities. Someone has said that this sportive tendency "is a blessing in disguise," and I believe it. Most assuredly it has added zest to the growing of sweet peas generally in recent years, for many enthusiasts in these days are continually on the lookout for new color shades, new color combinations and an additional eighth of an inch to the standard.

The tendency that the modern sweet pea has to throw sports has caused many enthusiasts to observe more closely for color and other variations, and thus added materially to their pleasures in sweet pea growing. We hear sometimes the "carping critic" bewailing the fact that there are too many varieties, and some have gone so far as to take the trouble of preparing lists of too much alike varieties, but we must always bear in mind that each color selection frequently has characteristics all its own which is often influenced by different soil or climatic conditions, so that it behooves us to try all varieties and hold on to those which answer our own individual purposes best.

Florists everywhere find sweet peas, both in the winter season and also when grown outdoors in summer time, always useful to cut from, and never out of place, and the newer "Spencers" with their larger and more wavy standards lend themselves most gracefully to all floral art; and, besides, this type also has another advantage for garden and floral decorations on account of its failing to set seed so freely as do the older grandiflora types, thus prolonging its season for producing flowers.

Among crimson nothing in general cultivation is superior to King Edward Spencer, as it lights up so well under the influence of artificial light at night. For a delicate pink, the best selection of the original Countess Spencer is still one of the very best. For maroon, Othello answers the purpose well. White Spencer is one of the best in that color, and for a cream, Primrose Spencer at its best is at the head of the list. So far as I have seen in the light lavender color shade there is nothing better than the newer Florence Nightingale.

The foregoing list is of course recommended for outdoor growing in summer time. For winter blooming an entirely distinct type is made use of, among which may be mentioned: Earliest White, or Florence Denzer, and Mont Blanc. For cream, Earliest Sunbeams is good. Christmas Pink or reselected Earliest of All Blanche Perry are quite popular among the pinks, and for rosy lavender Mrs. Alex. Wallace, and for violet purple, Le Marquis is grown. The winter blooming class is not of the Spencer type, but these I am reliably informed are on the way to arrive quite soon.

The crops of sweet peas seeds at this writing are quite uncertain, especially at Floradale, where on account of weather conditions planting was from four to six weeks later than in 1910.

CARE OF WASHINGTON TREES.

While the elm tree beetle and the caterpillar have been exceedingly numerous in the district this summer the district superintendent of trees and parkings has waged a vigorous campaign against them, and one of the most successful ones in years. The trees certainly are in better condition than they were a year ago. Some 7000 elm trees have been sprayed twice with arsenate of lead, applied by means of a 400-gallon sprayer, which has been added to the apparatus at the disposal of the park superintendent. Moreover, all the linden trees have been sprayed twice, and it is expected that there will be additional sprayings. Last year many trees were also denuded of foliage, which was entirely skeletonized so that the trees afforded no shade. No trees are in that condition this summer. The cost of the spraying has been but a trifle more than 5 cents a tree. Many caterpillars have been prevented from climbing up the tree trunk by bands of pitch applied to the trees, and men with gasoline torches have destroyed many of the pests.

P. J. DYER.
HORTICULTURE

VOL. XIV    JULY 15, 1911    NO. 3

PUBLISHED WEEKLY BY
HORTICULTURE PUBLISHING CO.
11 Hamilton Place, Boston, Mass.

Telephone, Oxford 392.

WM. J. STEWART, Editor and Manager.

SUBSCRIPTION PRICE
One Year, in Advance, $1.00; To Foreign Countries, $2.50; To Canada, $1.50.

ADVERTISING RATES.
Per inch, $0.50; Half-page space, Special rates on application.

Entered as second-class matter December 8, 1906, at the Post Office at Boston, Mass., under the Act of Congress of March 3, 1879.

CONTENTS

Page

COVER ILLUSTRATION—A Rhododendron Show.  63

SEASONABLE NOTES ON CULTURE OF FLORISTS’ STOCK—Chrysanthemums—Housing Carnations—Hollyhocks—Lorraine Begonias—Oncidiums—Peren- nial Lupines and Larkspurs—Asparagus Sprengeri—Lilies for Pails—John J. M. Farrell.  65

SUMMER FLOWERING ORCHIDS—W. M. Shaw—Illustrated.  66

FORCING STRAWBERRIES—W. M.  66

THE BURPEE EXHIBIT AT THE SWEET PEA SHOW—Illustrated.  67

OBITUARY—William A. Woodward—Charles J. Mars—J. A. McPherson—Paul de Longpre.  69

THE LIGHTS AND SHADOWS OF THE AUCTION BUSINESS—R. W. MacWill.  69

CLUBS AND SOCIETIES:
Chicago Florists’ Club—Florists’ Club of Washington—Florists’ Club of Philadelphia—Wm. Sim—B. A. Madison Symposium—Cincinnati Florists’ Society.  70

American Rose Society—Club and Society Notes.  71

A RHODODENDRON SHOW.  71

DURING RECESS—Michell-Dreer Baseball Game—Chicago Florists’ Picnic—Chicago Baseball—New York Bowlers—Notes.  71

A NEW OBSERVATION—AN A SWEET PEA—Edwin Lousdale.  71

RAILROAD GARDENING AS A PAYING INVE- NMENT—Paul Bucher—Illustrated.  72

SEED TRADE—The Seedsmen’s Convention—Crop News—Some Paeonia Advice—Government Crop Report—The European Situation—Fruit—Import-Portant—Personal—Notes.  76

OF INTEREST TO RETAIL FLORISTS:
Steamer Departures—New Flower Stores.  77

Flowers by Telegraph.  79

FLOWER MARKET REPORTS:
Boston, Buffalo, Chicago, Cincinnati.  81

New York, Philadelphia, St. Louis, Washington.  83

MISCELLANEOUS:
Care of Washingon Trees.  67

News Notes.  69-74

Horticultural Quarantine.  73

St. Louis Notes.  74

Chicago Notes.  79

Personal.  79-83

Greenhouses Building or Contemplated.  88

Incorporated.  88

Patents Granted.  90

NOTE:—In our advertising department will be found the first offer in America of Lilium mirabilis, that beautiful hardy lily which its collector—E. H. Wilson—does not hesitate to call the best of all the lilies. If all that is claimed for this introduction should be sub- stantiated (of which we have no doubt) this new-comer is destined to fill a large place, not only in garden work but as a florist’s forcing bulb. It furnishes a welcome variation from the ever-present longiflorum and without the overpowering odor which is so serious a drawback to the use of many otherwise elegant lilies for indoor decorations. Mirabilis is now in full bloom outdoors and seems to take most kindly to New England climatic conditions. The offer of this lily and its companion leucanthemum, is, we believe, the first exploitation commercially in America of the Wilson Chinese introductions.

A hibiscus show

“We are going to do what?”

We have been much interested in the account given in the Pacific Commercial Advertiser of Honolulu of what was practically the first flower show in the Hawaiian Islands, held on June 28 last. One would have to do some guessing before arriving at the facts as to the flower to which the show was devoted, which was none other than the hibiscus, of which we are told that over two hundred distinct varieties were staged. Among them were a score of imported varieties and a very small part of the balance were indigenous to Oahu, the great majority being the result of the careful labors in hybridizing and crossing on the part of the local hibiscus enthusiasts who, it would seem are as zealous in this particular line as, for instance, our own sweet pea devotees are in theirs. Over two thousand people visited the show between H. A. M. and 1 P. M. Now that it is called to our attention, why not give this gorgeous flower a chance in our exhibitions here? Few subjects present better possibilities.

We hope that the interests of the florists and ornamental horticulturists in the proposed national inspections laws and interstate quarantine will not fail of careful consideration at the coming S. A. F. convention in Baltimore. The Nurserymen’s Association has been following up this matter with commendable persistency, through its hustling legislative committee of which Wm. Pitkin is chairman. We regret that the space at our disposal will not permit of our publishing the interesting report made by Mr. Pitkin at the recent convention of nurserymen at St. Louis. There is much in it that should have deep consideration by that section of the trade which Horticulture particularly reaches and some plan of action in cooperation with the Nurserymen’s Association should be entered into by the S. A. F. The bill introduced by Representative Simmons of Niagara Falls and now in possession of the committee on Agriculture, to regulate the importation and interstate transportation of nursery stock and to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests, is only one of the many propositions, local and otherwise, in which the welfare of the horticultural interests is vitally affected. Field grown florists’ stock, seeds of fruit and ornamental trees and shrubs, plants, cuttings, grafts, etc., etc., are all included in the provisions of these bills and in the matter of interstate quarantine the florists have surely as much at stake as the nurserymen and their apathy under the circumstances seems incomprehensible. Get busy before it is too late.
Obituary.

Wm. A. Woodward.

On Sunday, July 2nd, Wm. A. Woodward, Sr., of the seed firm of Wm. A. Woodward & Son of Latham, Albany County, N. Y., passed to "that bourne whereof the Elect are enter."

Mr. Woodward, we do not know Mr. Woodward's exact age, but are informed that he was "about" fifty years of age. Though Mr. Woodward was devoted to business, and was owner of several greenhouses and farms, he found time to devote his attention in a mild way to politics, and was school commissioner for his district for many years. He was a second consecutives, upright man, and in all of his dealings with his fellow men aimed to observe the Golden Rule. He was a kindly, home-loving man, and when business did not call him away was always at home.

Those who knew Mr. Woodward best, appreciated his many fine traits of character that made him a man who made close friendships readily, but went his way, faithfully performing his duties, and caring little what might be said or thought of him. We understand he leaves a widow and two sons. Whether they will decide to continue the seed business or not has not been learned, but to them we extend our heartfelt sympathy, and if we may be pardoned, the hope that the sons may emulate the virtues of their highly esteemed father, and wish them the greatest measure of happiness and success.

Charles J. Marc.

Charles J. Marc, well-known among the florist trade of New York for many years as a grower of roses, azaleas, etc., died suddenly at Washington, D. C., on July 5, from neuralgia of the heart. "Charlie" Marc was an adopted son of the late Gabriel Marc whose place at Woodside, Long Island, he managed and whom he afterwards succeeded in business. The establishment, which dates from 1712, was under theMarc name, many imported novelties having been first shown there, among them being the Delytra (Dichena) spectabilis. Mr. Marc married as his second wife the daughter of Mr. Garden of Washington and about ten years ago, having sold his property at Woodside to the Penna. R. R. retired from business and moved to Washington where he has since resided. He was born in Switzerland.

J. A. McPherson.

J. A. McPherson, nurseryman, died at the home of his daughter at Carrolton, Ill., June 22, aged 55 years. Mr. McPherson was a pioneer nurseryman of Carrollton, son of R. A. McPherson, proprietor of the Cottage Greenhouses, Litchfield, Ill., and J. Clint McPherson, florist, of Carrolton.

Paul De Longpre.

Paul De Longpre, who had a world-wide reputation as a flower painter, died at his home, Hollywood, near Los Angeles, Cal., on June 26, aged 58 years.

The members of the trade in and around Cincinnati extend their sincere sympathy to Tom Hardesty, whose father died the past week, and to Henry Godell of Ft. Thomas, Ky., whose daughter Stella was buried on Tuesday of this week.

Death has again invaded the family of Frank McMahon, Seatlbrght, N. J. His mother died on Thursday, July 6. The old lady had been in feeble health for a long time. Mr. McMahon buried his wife only a week previous.

THE LIGHTS AND SHADOWS OF THE AUCTION BUSINESS.

R. W. MacNiff, before the New York Florist and every Body.

The auction business is as old as the world. Adam bid one of his ribs for the first lady ever known to be on the market, and as there was no opposition, he got her at his own offer.

Now, there must be two offers to make a sale legitimate. If anyone else had been at the first garden auction, he and old Adam would be bidding against each other for such a valuable flower as Eve being advertised for sale next Tuesday or Friday! Madison Square Garden wouldn't hold the sale of all of the horticultural auction business, you perceive, has the merit of antiquity.

My subject, however, deals with modern auction business, and here are full of "lights" and "shadows." The "lights" include the light prices obtained, the limitless field that is developing, the return of human nature to the country, and the county needs of the suburbanite; the joy of being instrumental in fostering a love for the beautiful, the consciousness of sending out our monuments in every direction, knowing that the trees and plants we sell will grow and blossom, and cheer with their perfume and beauty, unborn thousands, after we are safely planted under the daisies.

Then, there is the joy of standing "in the limelight," mesmerizing by our skillful attempts to attract the multitude; soaking the fresh guys or the wealthy widows with something we see they want, no matter what the cost of the goods! Those are our "real lights," that help to lighten our burdens, and to dissipate the gloom, in our otherwise "shadowy" occupation. There is the knowledge that we require every week: knowledge of plant life; of new varieties; of insects and insecticides, of the frailties of humanity; all most interesting to the inquiring mind.

Then there is the financial burden in our business; 17½ per cent on every dollar's worth we sell, whether the grower receives the cost of production or not.

Only three or four hours work a day, and only two days' work a week, the strengthening of our vocal chords, fitting in the financial world, when the great profits of the auction business inevitably draw too many enterprising opponents into the field! Is it any wonder we keep fat, and our bank accounts increase, and we ride in autos, and life is one sweet song?

But there are two sides to everything. This is no time to dwell on the shadows, and then rejoice that you are now in the place Providence intended you should fill; and cease to envy the men who are wasting their energies and nerves and talents in your behalf.

The path of the auctioneer is not strewn with roses. More likely dead rose bushes—with their thorns pierce his weary feet. His season is limited. If he makes any money he must deliver it to theweeklyacknowledgments, and if his representation—he must be ready to give minutest details of every transaction; he must create confidence in foreign importers whom he has never seen, and he must be financially strong enough to meet promptly every demand of his shippers. All these clouds must have silver linings, or shadowy indeed is the outlook otherwise.

He must have a deep knowledge of human nature, a memory, so keen that he never forgets a face or name; and tact and patience that preserve a smiling countenance, when his heart is bursting with cuss words and justifiable indignation. All these shadows must be seen and blown away before success is even possible. Imagine such a auctioneer must keep his temper; and in a word become "all things to all men," if he would win them. His mind must be clear; his physical strength unimpaired—his constitution of iron. He must avoid artificial stimulants; never descend to offensive retortte, always give the retort courteous no matter how his dignity may be impugned.

Now, you know some of the shadows that hover over the auction business; and there are many others. There is the temporary; when the seasons, lingering long in the lap of winter—the long drought—the late or early Easters—the missent shipments, the express overcharges, the unwated plants, the slow collections, the betrayal of confidences, the carelessness of employees. Well! Now you have both sides of the bird. Where's the sun? And you are not a horticultural auctioneer.

NEWS NOTES.

Highland Park, Pa.—The greenhouse of Mrs. J. Shelley, Philadelphia, are being removed to this place.

Manistee, Mich.—The Kittinger greenhouse windows have been purchased by J. T. Harrell, formerly of Winchester, Ind.

Reading, Mich.—T. H. Stevens has moved here from Alvin, Texas. He was formerly of the firm of Stevens & Keller of that place.

Oregon City, Ore.—The greenhouse of George Betz near here has been leased by George C. Robinson, formerly of the Toussaint Floral Co., Portland, Ore., and A. E. Alder.

Newburgh, N. Y.—The Newburgh Floral Co.'s establishment has been given up by the parties who leased it and will again be conducted by the owner, Wesley Wait.
CHICAGO FLORISTS' CLUB.

The regular meeting of the Chicago Florists' Club was held July 6th, and the following were elected to membership: Frank E. Gabler, 5768 Langley avenue; L. Hoechner, 3510 Grand avenue; George H. Mohr, 31 W. Randolph street; W. Langhout, 31 W. Randolph street. All the officers were in their places, and 35 members present in spite of the hot weather. Allie Zeck, as chairman of the sports and pastimes committee reported progress on the arrangements for the picnic at Erkard's Grove, Park Ridge, July 23d. Tickets are for sale at all florists' places. It was voted to donate $25.00 from the club funds to be used for prizes. Committees with the following chairmen were appointed: on refreshments, Harry Philpott; grounds, Michael Fink; dancing, Al. Lehmann; sports, Allie Zeck; ticket collection, H. C. Blewitt.

The transportation committee reported the Monon route selected for the convention trip as far as Cincinnati, and the B. & O. the remainder. The J. C. Moninget Co. sent a communication regarding the revision of the rates on greenhouse material with the Western Classification Co., and a committee was appointed.

Mr. Goodwin, Geo. Klein and J. C. Vaughan were appointed a committee to entertain the delegates to the Railway Gardeners' convention here in August. A vote of thanks was extended to the Milwaukee Florists' Club for their entertainment. A report of the St. Louis Club picnic was given by Geo. Asmus. Steps were taken to advance the interests of Chicago in securing the S. A. F. convention of 1912, and Messrs. Rudd, Foley, Philpott, Pyfer, Winterson, Keimel, Asmus, Martin and A. Poehlmann were appointed a committee.

Walter McGee was given a vote of thanks for a very interesting talk on fertilizers.

FLORISTS' CLUB OF PHILADELPHIA.

As usual, the midsummer meeting of this club was rather thinly attended, partly because of the intense heat, and partly because the members are many of them out of town, and partly because it is hard to get them to attend summer meetings in any case.

WILLIAM SIM
President-Elect, National Sweet Pea Society of America.

Nevertheless, there was a fair attendance to listen to Paul Hueber on "Flower Gardening," and those who came were not disappointed. The following committees on the coming convention of the S. A. F. were appointed: Transportation, John Westcott, David Rust, Samuel S. Pennock; hotels, George C. Watson, Robert Kiff, Fred Huhman. J. Otto Thibou announced that the speaker for the August meeting would be Xavier E. Schmitt of Fairmount Park, "Bedding Plants for Park Adornment." Frank M. Ross was elected to membership. The competitive method of selecting a bowling team for Baltimore having fallen through this year, the chairman of the games committee was given power to select a representative team. Many of the members are in favor of taking the boat trip to Baltimore, this being a pleasant variation from the usual method, and one that would be enjoyed by many.

A MADISON SYMPOSIUM.

Monday, July 10, was a warm proposition at Madison, N. J., as it was elsewhere, but a party of about a dozen gathered the fierce heat and participated in a very pleasant social time, the principal reason for which was a meeting of the executive committee of the National Association with the members who for the purpose of signing the Charter granted by the State of New Jersey.


Mr. Davidson decided to hold the next convention at Madison, during the time of the Morris County Flower Show, October 26 and 27 next. The Association will contribute several valuable prizes to be competed for by its members. In the meantime a meeting will be held at Horticultural Hall, Phila., on July 17, on the call of the president.

The visitors, after business was completed, inspected the laboratories of the Aplhe Mfg. Company, under escort of Mr. Ethel, who entertained them at luncheon at the Madison House and then gave them a ride to the establishment of C. H. Totty, where the fine young chrysanthemum stock was duly admired, through to the gardens and greenhouses of the beautiful McKinley Twicebury estate now under charge of Robert Tyson who extended hospitality, and then to the James estate where they cordially received by Wm. Duckham and Mrs. Duckham at their home after a tour through the Bay Murphy so and spacious flower garden under Mr. Duckham's guidance. Altogether it was a most enjoyable affair throughout.

CINCINNATI FLORISTS' SOCIETY.

This society held its annual meeting. The officers elected and installed for the following year are: President, Gus Adrian; vice-president, Wm. Murphrey, Secretary, A. H. Poehlmann; treasurer, E. A. Foster and director, Herbert Greensmith. The club had as its guest Pres. Philpott and Sec. Pyfer of the Chicago Florists' Club. Everyone from that town they boosted Chicago and the Chicago Special, which will pass through this city on their way to the convention at Baltimore.

The outing committee, consisting of Chas. H. Hoffmeister (chairman), Al. Banning and Dr. H. T. Pert, have been considering the general outline of the program for the outing at Coney Island, July 29. There
Horticulture

American Rose Society.

Following the Boston Flower Show, the Secretary of the American Rose Society suggested the desirability of preparing an accurate list of the roses as of the American Florists' Convention in August. There are some matters that cannot be settled until that meeting, pertaining to the prize awards at Boston. The certificates of merit have been forwarded to A. N. Pierson, F. R. Pierson Co., and Robert Scott & Son.

BENJAMIN HAMMOND, Secretary.

Club and Society Notes.

The weekly exhibit of the Worces-
ter County (Mass.) Horticultural So-
ciety on June 23 was strong in small
fruits, peonies and herbaceous peren-
ial flowers.

The Rhode Island Horticultural So-
ciety held its annual Rose and Straw-
berry Show in Elysium Hall on
June 20th. The quality of the exhibits was excellent throughout.

The Bar Harbor Horticultural So-
ciety held a very fine midsummer flower
show at Bar Harbor, Me., last week.

The many fine private estates were well represented by the high class products of their expert gardeners, in
plants, flowers and fruit.

A Rhododendron Show.

Our cover illustration this week gives a view of the rhododendron show by John Waterer & Sons in the hall of
the Royal Horticultural Society, Lon-
don, a few weeks since.

A study of the picture, the main
interest of the show was rhododen-
drons. Of these there were upwards
of 1,000 plants, and it was estimated
there were upwards of 50,000 blooms;
and in probably as good condition
as it is possible to show them. About
100 different varieties were staged,
and the principal sections exhibited
were Pink Peppers (two per box con-
formed the centre of the two beds arranged in the mid-
dle of the hall right and left of the main entrance) set up in a mass re-
vieved by the foliage of Japanese
Maples, and as a contrast to them
were plants of fine red varieties such as
Michael Waterer, Fred. Waterer,
Frank, Mr. and Sr. etc. Opposite the
main entrance was a mass of the beau-
tiful old variety, Lady Eleanor Cath-
care, one plant of which was about
eleven feet high. Beside this was a fine group of Gomer Wat-
erer, which promises to take its place as one of the finest hybrids in culti-
vation. With the above splendid mass of the "Allee," a variety raised from Pink Pearl, and considered by many to be superior, Mr. Waterer has a great opinion of it
as a florists' plant. In color it is a
lovely tint of pink rather deeper than
Pink Pearl, and while the flowers are
not quite so large, individually as those
of Pink Pearl the truss is about the
same, and being more compact in form
it lasts longer in its full beauty.

All the well-known varieties, such as
Michael Waterer, Francis B. Hayes,
Strategist, Mrs. Tom Agnew, John
Henry Agnew, etc., were shown in small groups, broken up with a
few very fine specimens of Japanese
maples, hollies, yews, conifers, etc. A
particularly pretty effect was obtained
by a very lovely semi-doubl
Rhododendron Fastuosum flore pleno,
in conjunction with the variety, Ever-
estanum, and others of similar
shades of light mixed with white sorts
such as Sapho, Madame Caravello, etc.

The exhibition was a considerable
undertaking, and the plants were sent
by rail practically in full bloom, up-
wards of sixty two-horse vans being
required to take them from the rail-
way to the hall. Besides rhododen-
drons here and there, the masses of
Kalmia latifolia, and a very pretty bed
of Rhododendron azaleoides or odor-
atum, as well as various other plants
such as Himalayan rhododendrons, rare
rhododendrons from the Utkuru
plantation, many varieties of vits such
as Coignetiae, HenryJ, flexuosa, etc.

The exhibition created a great inter-
est here and there, and lead to others of a similar nature. Many visi-
tors said they had never seen the hall
look so beautiful.

During Recess

Chicago Florists' Picnic.

Arrangements for the annual picnic of the Chicago Florists' Club, July 23rd, are now well under way. Two
trains on the Wisconsin division of
the Northwestern leave the new
depot at 11:00 and 12:15 and return at
8:15 and 9:30. In the evening there will be
a feature and the wholesalers and the
retailers will strive against each other
for the honors. No printed programs
will be distributed but all will be rac-
ing, dancing and various sports with
prizes.

Chicago Baseball.

The Chicago Carnation Co.'s base-
ball team has been getting in some
effective work and doing credit to
their fine new suits of blue and white.
July 8th they won a return game with
Marley, score 14 to 8, and July 9th defeated the Frankfort team 19 to 5.

Michell-Dreer Baseball Game.

The second game of the Seedsmen's
League series was played at Hiverton,
N. J., on the 6th inst., resulting in a
victory for Michell. The Michells
took their opponents by surprise in
the first innings, and before the Dreer
boys had woke up scored four runs.
After this good luck until the seventh when Dreers got in two
runs and another in the eighth. Both
teams are above the average for ama-
tele and both played well. Pitching,
and on both sides fine. Michells appeared to have the best of it on the stick, and the steal and infielding, but not much. The umpiring was something
fiere. Ask any of the players.

The score follows:

**Michell**

<table>
<thead>
<tr>
<th>R</th>
<th>H</th>
<th>P</th>
<th>O</th>
<th>A</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Dreer**

<table>
<thead>
<tr>
<th>R</th>
<th>H</th>
<th>P</th>
<th>O</th>
<th>A</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

The next game of the series will be
against Michell at the Michell trial
grounds, at Andelola, Conn., July 14th,
at 3 p.m. We hear that the Cra
g boys snort at the idea of losing a
game to a bunch of city folks. We
are also privately informed that "those
Philadelphia farmers will have to
got a move on if they don't want
a goose egg." "You pays your money and
you takes your choice," Better come
out and see the fun— in any event.

Bowing at New York, July 7, 1911.

Kalanda 136 146 185 197 Cowick 158 178 161 \nShaw 158 146 193 Manda 146 169 167

Notes.

Members of the New York and New Jersey Plant Growers' Association to the number of sixteen enjoyed an out-
ging to Coney Island on the night of
July 4th.

A fishing trip is being organized be-
tween the two Boston flower markets, and a special boat will be chartered
for July 21. Any florist desiring to join this trip please notify W. A.
Hastings at the Boston Flower Ex-
change not later than Wednesday
next. This will be one time, plenty
to eat, and no one should escape it.

The baseball team composed of
salesmen of the Boston Flower Ex-
change played the team from Thos.
Roland's in Nahant on July first. The
game was an exciting one, and at the
final inning the score stood 9 to 2,
after which the Flower Market team
piled up the runs, the final score being
12 to 5 in favor of the Flower Market.

Following the game the whole team
were the guests of Mr. Roland at lunch
on the estate.

Providence, R. I.—A new office
building is being erected at the green-
houses of Timothy O'Connor, Black-
stone Boulevard.
RAILROAD GARDENING AS A PAYING INVESTMENT.


Mr. Chairman and Gentlemen:—It is a good many years now since I had the honor of addressing you on the subject of "Railroad Gardening." At that time—some eight or ten years ago—there were not so many of the railroad systems of the country that had adopted this policy in which my company was one of the pioneers. A good many more have taken it up since then, and you will no doubt be glad to learn that the Reading has taken no backward step, but has kept steadily along on the same broad and enlightened policy as it first mapped out. You understand, of course, that the hard-headed gentlemen who manage railroads, do so from a dollars and cents standpoint—and look on the establishment of station grounds and approaches from the dollars and cents standpoint only—and not from an aesthetic point of view. They realize that it attracts travel and settlement and by so doing not only helps current revenue, but improves the value of their real estate. Nevertheless, the flowers are to be commended for their breadth of view and for their far-seeing good policy—even from those of you who work for the advancement of Horticulture and spirit of altruism for the public good.

The community which the Reading serves are given constant pleasure by this policy and are inspired to efforts of their own along horticultural lines. The character of the architecture of the stations has been greatly improved of late years and the surroundings have to conform. Improved grounds and improved stations are two of the best advertisements a road could have and worth far more by their cost in that direction. Safety and convenience come first, of course; but elegance is equally desirable if the cost be not too heavy.

I am often asked which is best for work of this kind—shrubbery or bedding plants. In reply to that I always answer that there is plenty of room for both, and I use both when and where, depends, of course, on the size of the space to be planted—also on the surroundings. Shrubbery is generally most effective when used as a background. When in flower it is very attractive. But for glowing effects and striking pictures that will catch the passengers' eye and take notice and carry with them strong impressions—strong enough to make them talk about when they go home—be their home near or far—there is nothing like the brilliant canna and geraniums and other tender plants which make these erstwhile dull and unattractive locations a glory all summer long and carry the name of the Reading to the ends of the earth. I receive letters from all over the country from passengers who write the company asking as to what canna that was or what geranium that was and so forth, showing very clearly the strong impression made (even from a flying train at 50 miles an hour), and the good advertisement the company gets out of it. While there is no great change in the policy of the road as to my department nor in my management and methods in same during the ten years that have elapsed since I last addressed your club, there is some change in the varieties of plants we use. For instance,—in geraniums, we use today, Madam Thibaut, for pink; La Pilot, for scarlet; and La Favorite, for white. Now these "best ones" of their day, have been superseded by A Gloriente, as pink; John Doyle, as scarlet; and Madame Buchner, as white. We also use Abbe Schaeffer as a scarlet, and Jean Vladi as a pink. These varieties not only have far less of a bed like this will take three thousand plants; but they are easy to grow and are inexpensive. The shrubbery in the background helps this situation very much, and, of course, the lively green of the surrounding lawn is indispensable. In fact, that a dreary, uninteresting place this would be without this blaze of color framed in green and harmoniously toned by its background of shrubbery! Take again the little triangle at the Terminal Station in Philadelphia. This is but a little patch, but it is the glimpse of the unexpected which catches the eye and pleases the traveler. This bed is made of coleus, caladiums, achrysonthes and alocasia. The clover leaf bed in the same patch is of geraniums, edged with ageratum, with a yucca in the center. The work at Langhorne Station is distinctive, as it has a fine perspective, and has an excellent background of privet hedging. Geralurn John Doyle is used very freely here in conjunction with coleus beds.

I am still a strong believer in the privet for hedging. We use the California variety and find very little trouble with its winter killing, about which some complaint. It has proven very satisfactory with us, being a quick grower, a beautiful glossy green, and absolutely free from all insect pests. We use this largely for wind-breaks the present snow drifting in winter as well as for ornamental purposes. Even when it does freeze, it comes up again from the roots. I do not use the barberry except in mixed shrubbery. I use the whole shrub family: but the various spireas and dentzias are our favorites. We also use the hardy hydrangea very profusely. Philadelphus, weigela, hibiscus and Pyrus japonica are also freely used. In lines we like Marie Le Grey best for white, and for a dark one, Souvenir de Antoine Speeth. Madame Lemoine, a double white one is also very fine. I generally mingle evergreens with the shrubbery, which latter are cut out gradually, leaving the evergreens. Trees are not largely used, chiefly because they would obstruct signals—a very important matter; but where they are permissible the Norway maple is the one preferred. It is the most uniform and is not so apt to break if kept reasonably trimmed. We trim our hedges twice a season only for outside points; but elsewhere where they have to be always neat and uniform, three or four times at least.

And now, gentlemen, coming back...
PANSIES SOW NOW

We are making a specialty of Pansies. Our collection is the richest in variety and quality ever offered in this country. If you want the finest pansies that it is possible to obtain, make your selection from the following, carefully considered by our staff.

MIXTURES OF GIANT FLOWERED PANSIES.

Holmes’ Triumph of the Giant. Robust, compact growing plants; heavy foliage surrounded by enormous flowers of perfect form and great substance; as strong tall stalks as Petunas overlapped and nodulating. Rich and rare colors: Trade packet, 50c.; 1-16 oz., $1.00; ½ oz., $1.75; ½ oz., $3.00; 1 oz., $6.00; oz., $8.50.

Rughe’s Giant Splotted. Trade packet, 40c.; 1-16 oz., 55c.; ½ oz., $1.50; 1 oz., $5.00; oz., $7.50.

Holmes’ Mammoth Five-blotched. Caressed Type but flowers double size, magnificent colors. Trade packet, 50c.; 1-16 oz., 75c.; ½ oz., $2.00; 1 oz., $3.85; oz., $4.50.

Mme. Perret’s “Red White and Blue.” ¼ oz., $1.50; ½ oz., $2.50; oz., $4.00.

Other Splotted Beauties: ¼ oz., $1.25; ½ oz., $2.50; oz., $5.00.

Gobath and Orchid (Catleya) flowered, same price as Odler.

Giant Trimardeau: ¼ oz., $1.00; ½ oz., $1.50; oz., $2.50.

Giant Trimardeau, Giant Splotted Thunb.: ¼ oz., $1.50; ½ oz., $2.25; oz., $4.00.

Cassier and Trimardeau Mixture: ¼ oz., $1.00; ½ oz., $1.25; oz., $2.50.

Holmes’ Giant Masterpiece. Enormous flowers, 4 inches across, distinctly ruffled edges, clearly distinct markings and, in fact, a flower of recent introduction that has won volumes of praise from lovers of this particular flower. It is a master indeed of his class. ¼ oz., $1.75; ½ oz., $3.50; oz., $5.00.

GIANT FLOWERED Sorts.

Giant Cassier, Hortensia red, same price: ¼ oz., $1.00; ½ oz., $1.50; oz., $3.00.

Giant Marimorena: ¼ oz., $1.00; ½ oz., $1.50; oz, $2.50.

Cassier Five-spotted Yellow and Five-spotted White, beautiful, and Psyche, curled Fire-blotted, charming: ¼ oz., $1.00; ½ oz., $1.25; oz., $3.00.

Giant Voluta, brilliant dark red with five black blotches, grand effect: Trade packet, 50c.; 1-16 oz., 55c.; ¼ oz., $1.75; ½ oz., $2.25; oz., $4.00.


Cassier King, Mourne Queen, Snowflake: ¼ oz., 55c.; ½ oz., $1.25; oz., $2.50.

Annie Paull flowered Prince Bismarck, striped, light blue, rosy filigree, marbled on white ground, King of Blacks, violet blue: ¼ oz., 50c.; ½ oz., $1.50; oz., $3.00.

Holmes’ Sunset, orange, Lord Chancellor: ¼ oz., 50c.; ½ oz., $1.25; oz, $2.50.

Holmes’ Sunset, orange, Lord Chancellor: ¼ oz., 50c.; ½ oz., $1.25; oz., $2.50.

Atropurpurea, do abe-marginita atrosanguiuea, auricula-flowered, azur-bleue, Snow queen, Diana, Fairy Queen, Prince Bismarck, yellow with eye, striped fancy, Wallflower colored, gold marbled, Harana-brown, light blue, Emperor William, Malagan, Black Prince, King of the Blacks, pelargonium flowered, Peacock, quadricolor, rubra, violet, Victoria, violet with margined, white with black eye: ¼ oz., 35c.; ½ oz., 60c.; oz., $1.00.

Atropurpurea, Coqette de Pologne, Fire King, orange, Lord Reichenbach: ¼ oz., 40c.; ½ oz., $1.00; oz., 5.50.

The Cardinal: ¼ oz., 55c.; ½ oz., $1.50; oz., $3.00; 1 oz., $4.50; 2 oz., $8.00.

HOLMES SEED CO., Harrisburg, Pa.

Holmes Triumph of the Giant.

Horticultural Quarantine.

Congressman Burnham has introduced a bill to regulate the importation of nursery stock, to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests, to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes.

The bill provides that it shall be unlawful to import or offer for entry into the United States from any foreign country any nursery stock unless a permit from the Secretary of Agriculture or a satisfactory certificate of inspection from the proper official of the country from which the importation is made, is furnished to the effect that the nursery stock is free from insect pests or injurious diseases, but food articles and nursery stock imported for scientific or experimental purposes are excepted from this regulation, when imported under regulations prescribed by the Secretary of Agriculture.

The Secretary of Agriculture is authorized by the terms of the bill to quarantine any State or Territory or any portion thereof when he shall determine that a dangerous plant disease or insect infestation exists there. The bill is sweeping and explicit. It makes violation of the provisions contained in it a misdemeanor punishable by a fine not to exceed $500, or imprisonment not to exceed one year, or both such fine and imprisonment in the discretion of the court. The sum of $25,000 is mentioned as the amount to be appropriated to carry out the provisions of the bill.

NEWS NOTES.

Glens Falls, N. Y.—A. J. Bining is rebuilding and extending his extension plant. His patent flower box holder is in increasing demand.

Doctor Little has the finest collection of orchids in this vicinity and is constantly adding to it with new varieties.

Syracuse, N. Y.—Park Superintendent Campbell has suggested to the Rose Society that Kirk Park be set aside especially for a rose garden. It has a rich soil and a considerable area of sunny lowland peculiarly suited to the planting of the Queen of Flowers. The Rose Society is young, but full of enthusiasm and proposes to make this the Rose City as its sister city, Rochester, is well named the Flower City.

to the title of my story, “Railroad Gardening as a Paying Investment,” I think the fact that my company has kept the system up enthusiastically during all the twenty-one years I have been in their employ and are as keen for it as ever, is striking evidence that they have found it a paying investment. The territory over which I have direct charge runs from Philadelphia to Williamsport; from Reading to Harrisburg; from Reading to Allentown; from Philadelphia to Chestnut Hill, to Broom Bay; from Philadelphia to Bethlehem; from Camden to Atlantic City and Cape May, and several other places. If you feel you are getting away from the smoke, dust and din of the city, and settling down among healthful and pleasant surroundings—and have the price—then take a run along any of these lines any fine day in summer; and if you do not find something that will suit both your desires and your dollars I will have you mistaken.

"Greetings and Welcome you'll find there before you. And the happy day you come the more we'll adore you."

The greetings of the blooming flowers and the welcome of healthy surroundings—with safe and perfect service thrown in—for a very small consideration.

Horticultural Quarantine.

Congressman Burnham has introduced a bill to regulate the importation and interstate transportation of nursery stock, to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests, to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes.

The bill provides that it shall be unlawful to import or offer for entry into the United States from any foreign country any nursery stock unless a permit from the Secretary of Agriculture or a satisfactory certificate of inspection from the proper official of the country from which the importation is made, is furnished to the effect that the nursery stock is free from insect pests or injurious diseases, but food articles and nursery stock imported for scientific or experimental purposes are excepted from this regulation, when imported under regulations prescribed by the Secretary of Agriculture.

The Secretary of Agriculture is authorized by the terms of the bill to quarantine any State or Territory or any portion thereof when he shall determine that a dangerous plant disease or insect infestation exists there. The bill is sweeping and explicit. It makes violation of the provisions contained in it a misdemeanor punishable by a fine not to exceed $500, or imprisonment not to exceed one year, or both such fine and imprisonment in the discretion of the court. The sum of $25,000 is mentioned as the amount to be appropriated to carry out the provisions of the bill.

NEWS NOTES.

Glens Falls, N. Y.—A. J. Bining is rebuilding and extending his extension plant. His patent flower box holder is in increasing demand.

Doctor Little has the finest collection of orchids in this vicinity and is constantly adding to it with new varieties.

Syracuse, N. Y.—Park Superintendent Campbell has suggested to the Rose Society that Kirk Park be set aside especially for a rose garden. It has a rich soil and a considerable area of sunny lowland peculiarly suited to the planting of the Queen of Flowers. The Rose Society is young, but full of enthusiasm and proposes to make this the Rose City as its sister city, Rochester, is well named the Flower City.
PANSY—Boddington’s “CHALLENGE”—All Colors

This mixture contains all the finest Giant strains—of the leading Pansy Specialists in the world—the Giant self-colors, the Giant striped and margined, and the Giant blotched, etc., all carefully mixed in proportion—the finest that money can buy—the finest your money can buy. A Florist who has grown it said, "Why don’t you call it Excellence?"

Trade pkt. 30c. ½ oz. ¾ oz. $1.50; 1 oz. $2.75; 2 oz. $5.0

ARThUR T. BODDINGTON, Seedsmen, 342 West 14th St., NEW YORK

ST. LOUIS NOTES.

Charles Schoenle spent a few days in Kansas City this week with the Million Club.

C. C. Sanders has returned from a trip to Chicago where he purchased material for a new green house.

Fred C. Weber of St. Louis and S. S. Skidelsky of Philadelphia spent ten days recently at French Lime Springs, Ind.

Miss Matilda Mihardt, who is traveling in Europe this summer expects to return home the first part of September.

Edwin Westeman, F. H. Weber’s right hand man was married last week and is away on a bridal trip East for two weeks.

The Ladies’ Home Circle spent a pleasant day’s outing on July 10 at the Chain of Rocks Park in North St. Louis. Mrs. John Steidle is president of the Circle.

Fred Foster has wagered with W. C. Smith that he could beat him in a 300-yard race at the St. Louis florists’ picnic. Mr. Smith has accepted the wager. It will be a $5 bet.

State Vice-President Fred H. Weber says that he has made arrangements with the Pennsylvania R. R. at $32 for round trip St. Louis to Baltimore convention with stop over privilege.

The Retail Florists’ Association has changed its meeting night to every second Monday in the month. This body is doing good work and should be encouraged by a larger membership.

Otto Bourning, brother-in-law of H. C. Berning, has had a sad loss in the death of his little son, Harold. The funeral took place on July 4th. The trade extended their sympathy to the bereaved parents.

Secretary Beneke of the Florists’ Club says everything is in shape for the Florists’ picnic which takes place Thursday, July 29. There will be two ball games this year. Sanders’ team, who are the champions will again play the Bentzen team and there will be a short game between teams of wholesalers and retailers. A special foot race has been arranged between "Billy" Smith and Fred Foster. The winner gets a new hat. The young folks will be well taken care of in the way of games and there will be a prize waltz for ladies. During the day the wholesale quartette will sing. Everything is free to florists and their families. All expenses will be paid out of the Club’s treasury.

Harrisburg, Pa.—V. Grant Fower has been appointed head of the Harrisburg park system under the Park Commission and Parker Thayer Barnes becomes assistant superintendent. Mr. Barnes is a well-known horticulturist and writer, connected of late with the staff of “Suburban Life.” He is a capable young man and will fill the position with credit.

Freesia

FIRST SIZE:

75c., 100; $6.50, 1000

WM. ELLIOTT & SONS, 42 Vesey St., New York

POT-GROWN STRAWBERRY PLANTS

All the best standard varieties and novelties.

Send for circular to WILFRID WHEELER

CONCORD - MASS.

In ordering goods please add "I saw it in HORTICULTURE."
BOBBINK & ATKINS

WORLD'S CHOICEST FLORIST AND NURSERY PRODUCTS.

We are growing in our greenhouses and in our 250 acre nursery a large variety of material constantly in demand by florists. Our Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

B. & A. SPECIALTIES.

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill station is the second stop on Main Line of Erie Railroad.

Nurserymen and Florists  Rutherford, N. J.

ROSES

OWN ROOT

4000 Beauties, 4 in. 12c.
3000 each Brides, Maids, Richmond.
500 each Chatenay, Ivory, Queen Beatrice, Bon Silene, Pink Killarney and Golden Gate, 4 in. at $8.00 per hundred.

2000 Pink Killarney, own root, 3 in. at $8.00 per hundred, $75.00 per thousand.

GRAFTED STOCK, 3 in.

400 each White and Pink Killarney.
200 each Richmond, Chatenay, Ivory, Golden Gate and Uncle John, $15.00 per hundred.

Chas. H. Totty, Madison, N. J.—

American Grown Roses

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens.

Write for Trade List.  W. & T. SMITH CO. Geneva, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK

WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS

A GENERAL ASSORTMENT OF

Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our Illustrated and descriptive Catalogue for the asking


LOECHNER & CO.

JAPANESE LILIES
LILY OF THE VALLEY PIPS
PALMS, AZALEAS, &c.

11 Warren Street, New York, N. Y.
Write for quotations

HOLLAND NURSERIES

Best Hardy Rhododendrons, Azaleas, Conifers, Clematis, H. P. Roses, Shrubs, and Herbaceous Plants.

P. O. WERKERK, 114 Jane St., Weehawken, N. J.

John T. Withers, Inc.

Landscape Architect and Forester

1 Montgomery St., JERSEY CITY, N. J.

Tree Renovation by Expert Operators.

Stereopticon Lectures on Horticulture and Arboriculture.

Box Trees

and other EVERGREENS for Tubs and Boxes

Our Prices Are Always Right—Catalog Free

THE NEW ENGLAND NURSERIES, Inc.

BEDFORD, MASS.

When you employ a lawyer in matters of importance what do you consider most—his fee or his services? No man knows what his services are worth better than a lawyer and he seldom asks less than their value. It is better to have a good lawyer and pay the price, than to have a poor one and lose the case. Of course, occasionally a poor lawyer wins a case which you might profit by, but if you strike an average you will invariably find the good lawyer is the most economical to employ by far. In buying lily bulbs or any kind of bulbs it is more economical to buy the best you can in regard to quality. Every grower will realize this if he stops to think. Now is the time to consider lily bulbs from storage for fall flowering. When fall comes you will wish you had them and it is better to have them than to wish you had.

Order now.

You can have Horseshoe Brand Giganteum, Formosum, Auratum, and Magnificum of very good quality for delivery now or later. Prices are very reasonable.

Write us.

Ralph M. Ward & Co.

12 West Broadway

NEW YORK CITY
Seed Trade

The Seedsmen's Convention.

Seed trade matters have been somewhat neglected for the past few weeks, and the proceedings of the Seedsmen's Convention were not reported as fully as they deserved. A number of the matters considered during the convention were of interest because of their treatment of matters of general interest to all including the ladies and those not personally identified with the seed business. The paper was that of Edgar Gregory, giving in brief and almost statistical form a history of Marblehead. Many of the historical places mentioned by him were visited by members and their friends whose interest was aroused by his paper.

The President's address contained a number of practical and useful suggestions, the importance of which may be appreciated when it is learned that a special committee appointed to consider them, recommended the adoption of all. Mr. Pugliese, in an example of which his successors will not doubt be willing to follow in their annual addresses—more of a specific and practical character, was the generalization. Like practically all similar organizations, the American Seed Trade Association annually appoints a number of committees to work along special lines and in the interest of the Association, and these committees are expected to submit the results together with such recommendations as they may consider wise, at the annual convention. While some few always submit a report many others do not, which is unfortunate as most of the subjects bringing attention are important to the interests and prosperity of the seed trade as a whole.

The question box was revived at this convention for the first time in many pertinent and interesting questions were asked, not all of which received convincing or satisfactory answers. Of technical papers, those of Professor Wheeler of Rensselaer, and Dr. Woods of Maine easily took the lead.

New feature, and one which seems to have been greatly appreciated, was the reading of telegraphic crop reports at the Thursday morning session.

Whatever this innovation is to be credited to deserves a vote of thanks, as the reports were of much interest. This ought to be an important feature of every future convention, and should be extended to include cable reports from the leading European seed growers.

Crop News.

Crop news is not of a rosy character and there has been considerable change in conditions in the brief interval since the convention, mainly of an unsatisfactory nature, but not to the extent where the market can be said of any item, not even peas, which will require several weeks more to reach maturity, and during which time much damage may befall the crops on a whole, while it has reached such a stage of development that but little time is left for improvement. From information at hand, we believe harvest of Alaskans and the Extra Early varieties will go on for about July 15th and 20th, but it will be some weeks yet before the late varieties will be harvested. Doubtless some sort of estimate of the earlier will be possible within a few weeks, but anything approaching definite percentages will not be possible before September or October. Enough is known to make it clear that the seedsmen and a whole has suffered quite serious damage, particularly in view of the intense heat of the past weeks.

Some Pea Advice.

Anyone who is on the short side on peas should cover if possible, and not quibble over prices, as any figures quoted now may look low in a few weeks' time. We offered this advice last year, and those who followed it had reason to be thankful. The trouble we apprehend will be to secure offerings from reliable growers, and right here we have a lot buying from and but well known and reputable sources. Don't be tempted by attractive prices or samples. The leading experts feel that prices will eventually return to the right latitude with a little doubt as to whether the crop will be a sample of seed, and we don't use the word, "crop" in the sense of quantity, but of quality and character. Many people who were tempted by low prices from unknown or questionable sources have chewed the cud of repentance ever since, and it may be that the "never again!" is not as common as we hope.


The last Government crop report indicates quite accurately the general crop situation, not only affecting meats and potatoes but all crops east of the Rocky Mountains. This report shows that field corn has been severely injured, that a continuation of the heat and against another week or ten days would be really disastrous. We may be sure that if field corn is suffering to this extent it must be at least as bad with sweet corn and in all probability the latter has suffered worse damage than the former. Vine seeds have unquestionably suffered severe damage, although we have been unable to get anything of an authentic character up to this writing. We should like to be optimistic, but due regard for the truth and the facts compel us to state that the outlook at the present time is about as discouraging for seedsmen's crops as they have ever been at this time of year. Of course, California growers have an exception, and, barring sweet peas, the crop situation in California is fairly satisfactory.

The European Situation.

Nothing new regarding the European situation has come to hand and probably there will be little change in the news until after the crops are harvested, when something definite will be known. As there "runs with the wind," we must continue to hope for the best and trust that the final result will not be as discouraging as present conditions indicate.

Potatoes Fail.

By the way, we have neglected to comment on the outlook for potatoes, which according to the Government report is the lowest in a quarter of a century. In many of the western states the crop is a virtual failure, and it looks now as if a dollar a bushel for eating stock will not be considered high next fall.

Important.

With further reference to the New York seed bill, we are advised by M. H. Duryea that the bill has been passed by both the Assembly and the Senate and now awaits the signature of the Governor. Any protests on the bill should be filed immediately with Governor Dix at Albany.

It is hoped that all the New York seedsmen will protest vigorously.

Personal.

R. Nicholson is no longer connected with the Texas Seed and Floral Co., Dallas, Texas. Walter Mott has taken a position as traveling salesman for Wm. Elliott & Sons, New York.

T. Soddington and family of New York have taken a cottage at Nantucket, Mass., for the summer.

Miss Mabel Grover, daughter of Thomas J. Grover, and bookkeeper in her father's seed store in Boston, was married on Wednesday, July 5, to George Ernest Martin.

Notes.

Munford, Ala.—The Street Seed and Stock Farm Co. has been incorporated, capital stock $10,000. J. C. Street, George J. Street and Anne D. Street, incorporators.

Shenandoah, Ia.—At the annual meeting of the Henry Field Seed Co., held July 1, a dividend of 9 per cent was declared and the following officers were elected: Henry Field, re-elected president and general manager; A. L. P. Thompson, vice-president; H. E. Eaton, secretary and treasurer. The old directors were re-elected and A. M. Eldridge was elected to fill the vacancy which has existed for a year.

VEGETABLE PLANTS

| CABBAGE, Wakefield, All Head, Succession, and other varieties, $1.00 per 1000; 10,000 and over, @ SYS. per 1000. |
| LETTUCE, Grand Rapids, Big Boston, Boston Market and Tennis Ball, $1.00 per 1000; 10,000 and over, @ SYS. per 1000. |
| BEETS, Crosby, Egyptian and Eclipse, $1.25 per 1000. |

Cash With Order

R. VINCENT, JR. & SONS CO., WHITE MARSH, MD.

Metal Rose Markers

RUSTLESS IMPERISHABLE

Paper and wooden markers soon become illegible. Send for samples and prices.

THE RIKER COMPANY, Newark, N.J.

COLDWELL LAWN MOWERS

Hand—Horse—Motor

Known All Over the World

Catalogue on Request.

NEWBURGH, N. Y.
MYOSOTIS "RUTH FISHER"

The finest "Forget-me-not" for florist use, very dwarf and compact, literally covered with bright blue flowers of immense size.

Trade Packet 50 cts.

HENRY F. MICHELLCO.
518 Market St., PHILADELPHIA.

Florists and Seedsmen Sell Your Own Scratch or Poultry Food
We will make it for you under your own brand for $28.00 PER TON
Send today for sample 100 lbs. bag or box. Mr. C. E. Jenison of Atlantic Co., N.J., on Oct. 25, 1910, writes as follows:—I want to state that your three grades of Poultry Food, Chick Starter, Developing Food and "Square Deal" Scratch or Poultry Food stand without an equal to day. They are perfect mixtures and sound in grain and a pleasure to handle.

J. BOLGIANO & SON, Importers and Wholesalers. Established for 92 Years.
BALTIMORE, - MD.

SEEDS, PLANTS, BULBS

All seasonable kinds of best quality
Special prices on large lots

JAMES VICK'S SONS, Seedsmen
ROCHESTER, N. Y.

In ordering goods please add "I saw it in HORTICULTURE."

**SEEDS SOWN NOW OF ANTI RRHINUM**

WILL PRODUCE
CUT FLOWERS NEXT WINTER
GIANT STRAIN

The Queen, 10c. Trade Phil. 10c.

**FANOEUIL HALL SQUARE**

**Burpee's Seeds**

PHILADELPHIA

Blue List of Wholesale Prices mailed only to those who plant for profit.

In ordering goods please add "I saw it in HORTICULTURE."

---

Farquhar's Flower Seeds for The Florist

Write for our Wholesale Catalogue

R. & J. FARQUHAR & CO.
Boston, Mass.

**Farquhar's Flower Seeds**

Asparagus Pluminus Nanus
New Crop Just Received

We offer white unsold as follows:

1,000 seeds $2.50.
5,000 seeds and up @ $2.25 per 1,000
10,000 seeds and up @ $2.00 per 1,000
25,000 seeds and up @ $1.75 per 1,000

Cold Storage Lily of the Valley Pips
HIGHEST GRADE

Cases of 1000 pips @ $15.00 per case
Cases of 3000 pips @ $8.00 per case

J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

**CHOTCTSEEDS FOR PRESENT PLANTING**

For Stocks, Asters, Chinese Primulars, etc.

THOMAS J. GREY & CO.
32 South Market Street, Boston, Mass.

**Braslan Seed Growers Co.**

Lettuce, Onion, Sweet Peas,
Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.
Of Interest to Retail Florists

Boston, Mass.—F. H. Houghton has closed his store on Boylston street.

Kansas City, Mo.—The Alpha Floral Co. has secured a long lease of the property 1220 and 1222 Grand avenue.

La Salle, III.—Miss Ella J. Porter has moved into a remodeled store in the Slagleker building, on First street.

New York, N. Y.—Melandre Bros., who have stores at 72nd street and Broadway and on Second avenue, have bought out N. J. Miller at 103rd street and Broadway.

Buffalo, N. Y.—The firm of Altman & Cloudsey, proprietors of the Lenoa Flower shop, has been dissolved. Mr. Altman will continue the business under the same name.

STEAMER DEPARTURES

Allan.

American.

Anchor.

Atlantic Transport.

Cunard.

Lusitania, N. Y.-Liverpool...July 21

Panama, N. Y.-Mediterranean...July 22

Francis, Boston Liverpool...July 22

Hamburg-American.

Pres. Grant, N. Y.-Hamburg...July 22

Holland.

North German Lloyd.

K. W. der Groote, Liverpool...July 18

Krop, Cecil, N. Y.-Bremen...July 27

Red Star.

Vanderland, N. Y.-Antwerp...July 22

White Star.

Zeeland, Boston-Liverpool...July 18

Tennant, N. Y.-Antwerp...July 18

Laurentie, N. Y.-Liverpool...July 22

Cedric, N. Y.-Liverpool...July 22

Washington, D. C.—Business is very dull in Washington. There has been a large exodus to vacation resorts, and the prospect of an adjournment of Congress in about thirty days more helps to depress business. Stock is in fair supply, but it has been seriously affected by the heat, and the bail storm of last week did some damage to plants and garden truck growing in the open. Prices are essentially unchanged. Most of the florists, having a little leisure, have been putting in new window displays, in most of which water lilies and mimic pools with rustic settings of rocks, ferns and bark play a prominent part.

NEW FLOWER STORES.

Wakefield, Mass.—John L. White.

Indianapolis, Ind.—Fountain Square Floral Co., Fountain Square.


Nyack, N. Y.—R. C. Pye, Young Men's Christian Association building.

Philadelphia, Pa.—It is reported that a retail florist department will be opened this fall at Kugler's restaurant.
CHICAGO NOTES.

Fire Loss.

The N. C. Poehlmann Greenhouse Co., of Morton Grove, 111., had the misfortune to lose its greenhouse plant by fire, at noon, July 4th. A year ago Mr. Moore, who is an engineer, had a large metal shed built and in the most approved method and this as well as the most of the houses is a complete loss. The water is drawn from well by means of gasoline engines and a tank of 60 gallons was on the top of the well. This exploded, shutting off the water supply and connection was made at Plant B of the Poehlmann Co., a long distance away. An unusually fine stock of young carnation plants were ruined and a quantity of hay and rye were also lost. A slight leak in the pipes near the tank is supposed to have been the cause of the disaster.

Te Educate the Public.

The wholesalers and retailers are being approached by representatives of the Chicago Chamber of Commerce scheme which will educate the people with a more liberal use of flowers and thereby add to their sales. The florists are not unresponsive in their way of regarding it, some thinking the Tribune much more apt to see results than themselves for the proposition means an outlay of thousands of dollars. Others are willing to wait for future results and pay the price for the education of the public. The matter is still open.

Trade Items.

F. L. Tormquist of Benton Harbor, Mich., is here purchasing greenhouse material for an addition to his place.

The W. P. Lynch Greenhouse Co., has the frames up for their new range of houses at W. 22nd street and Harlem avenue.

Jas. R. Biggam, representing the Alpha Floral Co., of Kansas City, Mo.; Mr. Biggam says all outdoor stock has been destroyed by the excessive heat and they depend upon the Chicago market exclusively for supply.

O. W. Freece has the position as manager of the new Chicago Flower Growers’ Association at 176 N. Michigan avenue. Mr. Freece has been in the wholesale market of Chicago for many years and is well known to the trade.

Miss Catherine Nanz and mother of Owensboro, Ky., are visiting B. C. Nanz, who is with Bassett & Washburn at Hinsdale. They are also taking advantage of the low prices at E. H. Hunt’s supply house. Miss Nanz is a pioneer florist and established the business in Kentucky thirty-five years ago.

Personal.

John Degnan is off for a week’s vacation. Adolph Benesh will spend two weeks in La Salle Co., Ill. Fred Sperry of Vaughan & Sperry is taking his turn at recreating now.

Joe Weiss of the J. A. Budlong Co., is spending two weeks at Minocqua, Wis.

Mr. and Mrs. O. P. Bassett left for Pasadena, Calif., July 11th, where they will reside.

John Sinner and N. Wietor returned Saturday from White Sand Lake, where they spent their vacation fishing.

Clara Burkhart and Marie Hayes from the E. H. Hunt Co.’s supply house, are taking a well earned vacation.

Nelda Wolf, who has kept the J. A. Budlong books for twelve years, has gone west with her sister, Margaret Russell of St. Louis, Mo., succeeds her.

Charlie Johnson of the Washington Flower Market will spend two weeks at Paw Paw, Mich. This retail florist report the number of weddings as ahead of that of last season.

As the result of an accident while cranking his automobile, Saturday, Frank Oechslin is carrying his right arm in a sling. One of the bones is broken just above the wrist.

Harry Philpott and A. T. Pyfer left for Cincinnati, and will visit other cities in that vicinity during the coming week. Mr. Philpott will not return to Winnipeg till after the convention.

Frank Ayers sailed in the regatta race in which the Chicago Yacht Club and the Columbia Yacht Club competed for the valuable Herbst cup. The Vincenzo, on which he sailed, is one of the fastest on the great lakes, and won third prize going, and second coming back from Milwaukee, July 8th.

W. H. Hilton of 53rd street has just returned from a trip to Kentucky, where he has a tobacco plantation and from Alabama where he has a peacan and orange grove started. Mr. Hilton is one of the foremost retail florists who has shown his ability to keep several iron in the fire at once. Incidentally, Mrs. Hilton should come in for her share of the credit, too, as she gives her time to the store.

Other visitors.—John Baucke, Freeport, Ill.; W. A. Bitter, Kolomo, Indiana; J. W. Lynn, Belvedere, Ill.

"FLOWERS BY TELEGRAPH."

Leading Retail Florists Listed by Towns for Ready Reference.

Albany, N. Y.—G. E. Everse, 11 N. Pearl St. Amsterdam, N. Y.—Hatcher.


Boston—Julies A. Zinn, 1 Park St.

Brooklyn, N. Y.—Robert G. Wilson, Fulton St. and Greene Ave.

Buffalo, N. Y.—Palmers’ 304 Main St. Chicago, Ill.—J. F. McCosh and Michian Ave. and 31st St.

Dayton, O.—Matthews, The Florist.

Denver, Colo.—Floral Co., 1645 W. 15th St.

Detroit, Mich.—J. Breithmeyer’s Sons, 124 and Gratiot Ave.

Kansas City, Mo.—Samuel Murray, 912 Grand Ave.

Kansans City, Mo.—Wm. L. Rock Co., 1116 Walnut St.

Leavittville, Ky.—Jacob Schults, 550 South Fourth Ave.

New York—James Clarke’s Sons, 2120-2141 Broadway.

Newark—Alex, McConnell, 615 1st Ave.


New York—Young & Nugent, 24 W. 28th St.

New York—D’Arcy, 144 W. 44th St.


St. Paul, Minn.—Holm & Olsen.

Toronto, Can.—J. H. Dundage, 90 Yonge St., Washington, D. C.—Gude Bros., 1214 F St.

Wellesley, Mass.—Talbey.

THE Florists’ Supply House of America

H. BAYERSDORFER & CO.

1129 Arch St., Philadelphia, Pa.

Hatcher

LEADING FLORIST

Established 1877

New England

FLOWER DELIVERIES

Send flower orders for delivery in Boston and all New England points to

THOS. F. GALVIN

124 Tremont St., Boston

Transfer

Your orders for flower or plant delivery in Eastern New England to

JULIUS A. ZINN

1 Park St., Boston

WESLELEY COLLEGE

Dana Hall, Waltham Hill and Rockridge Hall Schools.

TAILBY, Wellesley, Mass.

Tel. Wellesley 4125 and 4 Night 4139

persons.

PERSONAL.

Wm. H. Carr, a popular salesman of the Boston Flower Exchange, has just returned from an enjoyable vacation.

Thomas Pegler, salesman at the Boston Flower Exchange, sailed for Europe for a short vacation on Carman from New York on July 12th.

John McKeone of North Cambridge, Mass., sailed from Boston, Saturday, July 8, on the steamship Canada for a good time on the other side.

Harry Wild, superintendent of the Converse estate at Conyer’s Manor, Conn., with wife and two children, sailed on the Forsan from Boston for Glasgow on July 7, for a well earned summer vacation in his native country. He will return via New York and Montreal.

John B. Nugent, Jr., the well-known florist and president of the New York Florists’ Club was married on July 6 to Miss Sabery Dorsell, a popular soprano singer and prima donna of the New York Hippodrome. Mr. Nugent secured a divorce from his first wife some years ago. The young lady whom he has now married has on several occasions entertained the New York Florists’ Club on their ladies’ night, and a host of good friends wish the happy couple a long and prosperous life together.

Gibba Bros., at Lynn, Mass., have taken a lease on two adjoining stores, which they will throw into one elegantly appointed store—one of the finest in New England. In the rear will be a conservatory for which the contract has been awarded to Lord & Burnham Co.’s Boston office.
Easter Lilies
Of exceptional good quality every day, $1.50 per doz., $10.00 per 100.
Valley, in splendid quality, $3-$4 per 100.
Dagger Ferns—Bronze Galax
$1.50 per 1000. Special price by the case.

Open from 7 A.M. to 6 P.M.

The Leo Niessen Co.
1209 Arch Street, - PHILADELPHIA, PA.

To Cut Flower Growers and Retail Florists

If you want to find a market for your product
want a regular or special supply of the product of the best growers
Consult the Advertisements on these Wholesale Flower Pages

The Advertisers Represented Here are the Leading Concerns in the Wholesale Flower Trade

Welch Bros.
American beauty, Killarney, Richmond, Maryland, and all the superior roses, lily of the valley, Carnations, orchids
Best produced
226 Devonshire St., Boston, Mass.

Wholesale Flower Markets—Trade Prices—Per 100

<table>
<thead>
<tr>
<th>Roses</th>
<th>Boston</th>
<th>Chicago</th>
<th>St. Louis</th>
<th>Phila.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Am. Beauty, fancy &amp; special</td>
<td>$1.50</td>
<td>$1.50</td>
<td>$1.50</td>
<td>$1.50</td>
</tr>
<tr>
<td>Extra</td>
<td>$1.25</td>
<td>$1.25</td>
<td>$1.25</td>
<td>$1.25</td>
</tr>
<tr>
<td>No. 1</td>
<td>$1.00</td>
<td>$1.00</td>
<td>$1.00</td>
<td>$1.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>$0.75</td>
<td>$0.75</td>
<td>$0.75</td>
<td>$0.75</td>
</tr>
<tr>
<td>Killarney, Maryland, Fano, &amp; Spy</td>
<td>$1.00</td>
<td>$1.00</td>
<td>$1.00</td>
<td>$1.00</td>
</tr>
<tr>
<td>Low. grades</td>
<td>$0.75</td>
<td>$0.75</td>
<td>$0.75</td>
<td>$0.75</td>
</tr>
<tr>
<td>Prince, McPaddie</td>
<td>$0.50</td>
<td>$0.50</td>
<td>$0.50</td>
<td>$0.50</td>
</tr>
<tr>
<td>Kaberlin, Carnot</td>
<td>$0.50</td>
<td>$0.50</td>
<td>$0.50</td>
<td>$0.50</td>
</tr>
<tr>
<td>Carnations, finest quality</td>
<td>$2.00</td>
<td>$2.00</td>
<td>$2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>Miscellaneus</td>
<td>$1.50</td>
<td>$1.50</td>
<td>$1.50</td>
<td>$1.50</td>
</tr>
</tbody>
</table>

Cut Flowers
Greenhouses, - Morton Grove, Ill.
George B. Hart
Wholesale Florist
24 Stone St., Rochester, N.Y.
The J. M. McCullough's Sons Co.
Wholesale commission Florists

Letters

The best letters for florists' use by the Boston Florist Letter Co.

Cut Flower Boxes
Edwards Folding Box Co.
Manufacturers

Peter Reinberg
Wholesale Cut Flowers
37 Randolph St., Chicago, Ill.

Poehlmann Bros. Co.
35-35-37 Randolph St., - Chicago
Cut Flowers

J.A. Budlong
82-84-86 E. Randolph St., Chicago

Our stock is a-1 and it is quality not prices that talk

Henry M. Robinson & Co.
15 Province St., - 9 Chapman Pl.,
Boston, Mass.
Everything in flowers
Complete stock of florists' greens, three floors of florists' supplies.

News Notes
Ontonagon, Mich.—Daniel Nehmer & Sons intend to enter the nursery business.

Los Angeles, Cal.—It is said that the last of this month Wolfkill Bros., florists, will go out of business.

Try My Prices
J. JANSKY, 19 Province St., Boston, Mass.
Manufacturer of Florist Wire Designs
New crop Bagger and Embossed Perns, $1.75 per 900. Green and Bronze Galax, 90c per 1000; by the case, $5.75. Boxwood, 50c per 1000, $7.50 per box. Laurel Wreaths, 5-inch, $1.75 per dozen; 12-inch, $2.25 per dozen; 20-inch, $5.00 per dozen; 40-inch, $8.75 per dozen. Laurel Trimming, 4 and 6c per yard.

Robert J. Dysart
Public Accountant and Auditor
30 State St., Boston
Telephone, Main 58.

Books Balanced and Adjusted
Merchants Bank Building

Wholesale floral wire, stems, and supplies.
Flower Market Reports.

In common with the greater part of the country, Boston has been suffering in a summer broil unprecedented for severity and duration. Flowers are very poor in consequence and few are being sent in. The demand is very light and is limited to the small proportion of salable material received. The ordinary run of roses, carnations and sweet peas are unloaded with much difficulty on the street fakers. Cattleyas, lilies and lily of the valley are of satisfactory quality as a rule.

This section has had its share of the hot weather, and all stock that could be classified was quickly used up. The demand for lilies has been unusual and one or two growers, which has caused stock to arrive in bad condition. There has been plenty of everything in season, though the supply is gradually falling off generally in the cut flower line. Beauties have been fine, but only in light demand the past ten days. Maryland, Kaiserin and Carnots have had the preference. Lilies have had their share in the demand and some good giganteum, auratum and magnificum have been arriving and sell well. Lily of the valley was in good supply, peas in over supply and there was plenty of snapdragon, cornflowers and sweet peas as well as plenty of greens.

Chicago was an exceptionally good one for the season, the shipment being particularly fine and all stock that could by any means be classified as approaching first class was quickly used up. The demand for lilies has been unusual and one or two growers, which has caused stock to arrive in bad condition. Many preferring them to Harrisil which now have so many buds. The few gladioli now being cut sell readily, preference being given to the best varieties. Asters do not amount to much yet, only a few straggling bunches being in the market. Early asters do not give promise of playing a prominent part this summer, growers evidently having planted but few. Carnations that are fair for the season sold readily last week. Roses, of which the Killarney family form the bulk, are small and stems average short. Some of the best, however, sold as high as $5.00 during the week. Richmond, though not a summer rose has in other years proved of more service than in this one. New Beauties are beginning to come in and are cut with good stems. Comparatively few cut flowers are coming in, owing to the hot weather. Green goods sell well and there has been plenty so far, with the exception of sweet peas. The second week in July opened very dull.

Prices on stock in CINCINNATI this market are holding up better than at this time in past years. This is because there is only a limited amount to be had. Sometimes the good stuff costs to quicky and runs short, while at others it's sale is languid. Combined with this there has been a torridity of weather that has made life unbearable for man and flower. In roses the cut of white has shortened slightly, while especially have increased. Lilies and gladoli have been very good property, and on most occasions run short of the demand. A few local indoor asters have appeared, but they are still a negligible quantity. Some carnations, mostly Enchantress, are still offered. The above mentioned and snapdragon form the bulk of the offerings.

(Continued on page 59)
HORTICULTURE

P. J. SMITH
Successor to JOHN E. RAYNOR
Wholesale Commission Florist
THE HOME OF THE LILY
SELLING AGENTS FOR
LARGEST CROWNS
TEL. 1908 MADISON SQUARE
49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th St., New York
Telephone—3872-3873 Madison Square

NEW YORK QUOTATIONS PER 100. To Dealers Only

<table>
<thead>
<tr>
<th>ROSES AND CARNATIONS</th>
<th>Last Half of Week ending July 8</th>
<th>First Half of Week beginning July 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Beauty, Fancy and Special</td>
<td>15.00</td>
<td>10.00</td>
</tr>
<tr>
<td>&quot; &quot; Extra.</td>
<td>10.00</td>
<td>5.00</td>
</tr>
<tr>
<td>&quot; &quot; No. 1 Extra</td>
<td>7.50</td>
<td>5.00</td>
</tr>
<tr>
<td>&quot; &quot; Lower Grades</td>
<td>5.00</td>
<td>3.50</td>
</tr>
<tr>
<td>Richmond, Chatenay, Extra and Special</td>
<td>3.50</td>
<td>2.50</td>
</tr>
<tr>
<td>&quot; &quot; Lower Grades</td>
<td>2.50</td>
<td>1.50</td>
</tr>
<tr>
<td>Kilmer, My Maryland, Extra and Special</td>
<td>2.50</td>
<td>1.50</td>
</tr>
<tr>
<td>&quot; &quot; Lower Grades</td>
<td>1.50</td>
<td>0.75</td>
</tr>
<tr>
<td>Bride, &quot;Tulie&quot;</td>
<td>1.50</td>
<td>0.75</td>
</tr>
<tr>
<td>Kelterin, Carniol, Carnations, First Quality</td>
<td>1.00</td>
<td>0.50</td>
</tr>
<tr>
<td>&quot; &quot; Ordinary</td>
<td>0.50</td>
<td>0.25</td>
</tr>
<tr>
<td><strong>To</strong></td>
<td><strong>To</strong></td>
<td><strong>To</strong></td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephone—1690 Madison Square

SIEBRECHT & SIEBRECHT
Wholesale Florists
136 W. 28th St., New York City

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ
MAURICE L. GLASS
Coogan Building, 55-57 West 26th Street
NEW YORK CITY

THE KERVAN COMPANY
Fresh Cut Evergreens, Mosses,
Southern Smilax, Galax and Leucospermum,
Preserved and Fresh Cut
Cyclamen and Polanetti.
Tel. 1519 & 5839 Madison Square
113 W. 28 St., New York.

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers
54 West 28th St., New York
Prompt Payments. Telephone 3359 Madison Sq.

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK
Shipments, any quantity, Wholesale Market Rates.

Krick's Florist Novelties
Manufacturer and Proprietor of the Perfect Adjustable Pot Holder or Hanging Perfect Adjustable Plant Stands and the Original Genuine Immortelle Letter, etc. Every Letter Marked 1914-18 Bombay Ave., Brooklyn, N. Y. For Sale by all Supply Houses.
Flower Market Reports

(Continued from page 51)

Under present conditions of weather and business there is really little of interest or value to be communicated concerning the flower market. All roses, carnations and sweet peas are still at their worst possible shape and choice stock of either is almost an impossibility. The finest product for the time being is the Cattleya class. These are superb and seem to revel in the heated atmosphere. At the other extreme of the cattleya class are the C. Gaskelliana, which on account of their small size, etc., bring only about one quarter of the price willingly paid for the giga. Of lilies and lily of the valley there is an abundance and they are usually good, although some poor material is received in both classes. Gladiolus seem to assert themselves, but the flowers are small. The wholesale houses are almost empty, very little stock of any kind coming in and most of them close at 4 p.m. daily.

Business has fallen off very much, and conditions are now down to a real summer basis. To keep pace with this, many growers are throwing out their plants for restocking and consequently have little to ship. The weather has been excessively warm, and much of the outside stuff usually at this time of year is dried up. Sweet peas are one of the principal crops affected and are very poor at present. Asters have not improved much during the past ten days. Lilies are in good shape and thankfully received. Another good thing is the double white petunia. About once every three years the growers of these hit it right and get good money. But they don’t go if there be anything better in sight. Out door Gladiolus have now commenced—varieties like May, Augusta and Brachykeynna are seen in great quantity. Another favorite subject is the light lavender Centauria Imperialis. All roses are below standard except American Beauty. These are about the best value on the market—the sales of same being as satisfying as could be expected. Gardenias are very poor and very scarce. Orchids have shortened up considerably. The hot weather has been pretty hard on field grown carnation plants.

Midsummer dullness has reigned the last of the flower trade. The wholesale markets are dull, with very little good stock coming in. Gladiolus, lily of the valley and lilies are about the only good stock in sight. Carnations are very scarce. Roses seem plentiful but small and soft. Asters bring $5, and tuberose stalks $5.

WASHINGTON heat, with only an occasional shower the effects of which were fleeting, brings vegetation to a sorry pass around Washington. As a consequence local supply of cut flowers is decidedly poor. Retailers report that they find trade unsatisfactory and stagnant. Peonies, nasturtiums, and other garden flowers are in rather unsatisfactory condition. Wild flowers from the corners of the worm fences are displayed attractively by the florists. Asters are fairly good, considering everything. The first Beauties, while small, are fairly satisfactory. White carnations are scarce. Lily of the valley of good quality is coming in plentifully. Harry Kirk makes a welcome addition to the yellow roses available.

It is rumored that A. J. Guttman is soon to reopen the wholesale cut flower business at 111 W. 28th St. New York.

Bedford, Mass.—Norris F. Comley, who four years ago leased the greenhouse establishment of Fred. Parker, and sold him the crop which consists of about thirty tons of tomatoes under glass, has recently paid up the stock, and will now produce all the tomatoes himself. He will concentrate his efforts on his own plant in Lexington, Mass., hereafter, and has purchased the glass for a large house which he will add this season.

PERSONAL

Friends who have felt concerned about the recent illness of Mr. and Mrs. L. H. Myers of Madison, Wis., will be pleased to learn of his arrival at his destination, Madison, Wis., early in health and spirits, on May 11th.

Mr. Velle, who has now fully recovered from his operation, will resume his duties in charge of the Boston office of Lord & Burnham Co., next Monday, and Mr. De Forest, has been in charge during Mr. Velle’s illness will return to New York.

Cincinnati florists who are away or going away on trips are as follows: Mr. and Mrs. J. A. Peterson for Scandinavia, Denmark and Germany; Mr. and Mrs. H. G. Fried for France and Poland.

Philadelphia Visitors: Mr. Tromey, prop. Tromey’s Flower Shop, Philadelphia, O. (on his way to the Elks Convention, Atlantic City, where he has the contract to decorate chair for Exalted Grand Ruler); Mr. Conlon, of the Connolly-McCarthy Co., Charleston, S. C.; Chas. Yorkelker, So. Bethlehem, Pa.; James Brown, of Corbesville, Pa.
EVERGREENS
New England Nurseries, Bedford, Mass. For page see List of Advertisers.
Bobblin & Atkins, Rutherford, N. J. For page see List of Advertisers.

FERNS
A. Loutby & Co., Roslindale, Mass. For page see List of Advertisers.
H. H. Barrows & Son, Whitman, Mass. For page see List of Advertisers.
Frank Ocehlin, 491 Quincy Street, Chicago. For page see List of Advertisers.
F. R. Pierson Co., Drytown-on-Hudson, N. Y. For page see List of Advertisers.

FERTILIZERS
20th Century Fertilizer Co., Beverly, Mass. For page see List of Advertisers.
Pulverized Manure Co., 31 Union Stock Yards, Chicago, Ill. For page see List of Advertisers.
Wilson Bros., Black Cattle Manure. For page see List of Advertisers.
Hardwood ashes, best fertilizer on earth for lawns and gardens. George Stevens, Peterborough, Ont., Canada.

FLORISTS' ENCYCLOPEDIA FREE

FLORISTS' LETTERS
Boston Florist Letter Co., 66 Pearl St., Boston. For page see List of Advertisers.
W. C. Knick, 1104-06 Greene Ave., Brooklyn, N. Y. For page see List of Advertisers.

FLORISTS' SUPPLIES
N. F., McCarthy & Co., 84 Hawley St., Worcester, Mass. For page see List of Advertisers.
H. M. Robinson & Co., 15 Province St. and 9 Chapman St., Boston, Mass. For page see List of Advertisers.
M. Rice & Co., 1220 Race St., Phila., Pa. For page see List of Advertisers.
Reed & Keller, 122 W. 25th St., New York. For page see List of Advertisers.
Bayerdorfer & Co., 1129 Arch St., Philadelphia. For page see List of Advertisers.
S. S. Pennoock-Mahan, Philadelphia, Pa. For page see List of Advertisers.
E. H. Hunt, Chicago, Ill. Pre-Inventory Sale.

FLOWER POTS
W. H. Bickford, 25th and M Sts., Washinton, D. C. For page see List of Advertisers.
Streusel Pottery Co., Syracuse, N. Y. For page see List of Advertisers.
Peters & Reed Pottery Co., Zanesville, Ohio. For page see List of Advertisers.

FRUIT TREES
Dwight Fruit Tree, by P. A. Wash, mailed to your address for 55 cents by Horticulture Publishing Co., 11 Hamilton Place, Boston.

FREESIAS
Wm. Elliott & Sons, New York, N. Y. For page see List of Advertisers.
Fischer's Freesia Purity, pure stock, held-grown. Large bulbs, $2.25 per 100; $20.00 per 1000. Box Pacific Avenue, Santa Cruz, California.

GALAX
Michigan Cut Flower Co., 38 and 40 Broadway, Detroit, Mich. For page see List of Advertisers.
Kervan Co., New York. For page see List of Advertisers.
H. M. Robinson & Co., 15 Province St. For page see List of Advertisers.

GERANIUMS
R. Vincent, Jr. & Sons Co., White Marsh, Maryland. For page see List of Advertisers.
geraniums, our selection, 1 in., $7.00 per 100; 3 in., $4.00 per 100; 2 in., $2.00 per 100; $1.50 per 1000. More than 100 varieties. Send for geranium catalogue. A. D. Root, Wooster, O.

GLASS
Foley Mfg. Co., Western Ave., between 25th and 26th Sts., Chicago. For page see List of Advertisers.
Sharp, Partridge & Co., 22d and Lumber Sts., Chicago. For page see List of Advertisers.
Parshelsky Bros., Inc., 50 Montrose Ave., Brooklyn, N. Y. For page see List of Advertisers.
Metropolitan Material Co., 1392-1402 Metropolitan Ave., Brooklyn, N. Y. For page see List of Advertisers.

GLAZING POINTS

GOLD FISH
Gold fish, aquarium plants, snails, cacti, globes, aquarium, fish foods, nuts, etc., wholesale. Hiram Barreett, breeder, 4935 N. 28th St., Philadelphia. Large breeding tanks for sale. Send for price lists.

GREENHOUSE BUILDING MATERIAL
King Construction Co., N. Tonawanda, N. Y. For page see List of Advertisers.
J. C. Moulting Co., 117 East Blackhawk St., Dubuque, la. For page see List of Advertisers.
S. Jacobs & Sons, 1330-63 Plushing Ave., Brooklyn, N. Y. For page see List of Advertisers.

GREENHOUSE CONSTRUCTION
Foley Mfg. Co., Chicago. For page see List of Advertisers.
King Construction Co., N. Tonawanda, N. Y. For page see List of Advertisers.
Hitchings & Co., 1170 Broadway, N. Y. For page see List of Advertisers.

GUTTERS
Kings Construction Co., N. Tonawanda, N. Y. King Channel Gutters. For page see List of Advertisers.

HAIL INSURANCE
Florists' Hall Assn. of America. J. G. Estes, 201-203 Elliott St., N. J. For page see List of Advertisers.

HARDY FERNS AND SUPPLIES
H. M. Robinson & Co., Boston, Mass. For page see List of Advertisers.
Michigan Cut Flower Exchange, 38 and 40 Broadway, Detroit. For page see List of Advertisers.
The Kervan Co., New York. For page see List of Advertisers.
J. Ansley, Boston, Mass. For page see List of Advertisers.

HEATING APPARATUS
Kromschroder Bros. Co., 406 Erle St., Chicago. For page see List of Advertisers.

HERBACEOUS PLANTS
P. O. Worvurker, P. O. No. I, Hoboken, N. J. For page see List of Advertisers.
New England Nurseries, Bedford, Mass. For page see List of Advertisers.
Bobblin & Atkins, Rutherford, N. J. For page see List of Advertisers.

HOSE

HOT-BED SASH
Foley Mfg. Co., Chicago. For page see List of Advertisers.

HYDRANGEAS
F. B. Pierson Co., Tarrytown-on-Hudson, New York. For page see List of Advertisers.

IPESECTICIDES
Hammond's Paint and Sign Works. Fishkill-on-Hudson, N. Y. For page see List of Advertisers.

INSECTICIDES
Hammond's Paint and Sign Works. Fishkill-on-Hudson, N. Y. For page see List of Advertisers.

INSULATION
Eastern Chemical Co., Boston, Mass. For page see List of Advertisers.

KILN DRIED TUMBLERS
Nicotine kills all greenhouse pests. P. Pallethorpe & Sons Co., N. J. For page see List of Advertisers.
Stump & Walter Co., New York. For page see List of Advertisers.

LUMBER
Appin Manufacturing Co., Madison, N. J. For page see List of Advertisers.

MACHINE MAKING
E. H. Hunt, Chicago, Ill. To-Bak-Ine Products. For page see List of Advertisers.

MACHINE MACHINERY
Wilson Plant Oil and Fertilizer Co., New York, N. Y. For page see List of Advertisers.

MAIL ORDER

MAYO CHESBROUS
The original Gypsy moth chesbrous, made especially by us for the Gypsy Moth Commission, Limpid at all points, completely penetrates the nest: kills all eggs. Samuel Cabot, Inc., Mfg. Chemists, Boston, Mass.

IRON RESERVOIR VASES
Walbridge & Co., Buffalo, N. Y.
HORTICULTURE

July 15, 1911

JAPANESE LILIES
Loechner & Co., N. Y., N. Y.
For page see List of Advertisers.

KENTIAS.
Bobbink & Atkins, Rutherford, N. J.
For page see List of Advertisers.
A. Leuthy & Co., 500 Academy St., Melrose, Mass.
For page see List of Advertisers.
Kentia Belmorens from 2½ in. pots, 3 leaves, $2.00 per 100. Cash or satisfactory references with order.

LANDSCAPE GARDENING COURSE.
Home Correspondence School, Springfield, Mass., Dept. S.
For page see List of Advertisers.

LILIUM MULTIFLORUM AND GIGANTEUM
Horse Shoe Brand.
For page see List of Advertisers.

MASTICA
F. O. Pierce & Co., 11 Nassau St., New York, N. Y.
For page see List of Advertisers.

NICO-FUME
Kentucky Tobacco Product Co., Louisville, Ky.
For page see List of Advertisers.

NIKOTEIN.
APHIS FUNK
Nikotin Mfg. Co., St. Louis, Mo.
For page see List of Advertisers.

NURSERY STOCK
P. Owerkerk, Weehawken Heights, N. J.
For page see List of Advertisers.
For page see List of Advertisers.
W. & T. Smith Co., Geneva, N. Y.
For page see List of Advertisers.
Bobbink & Atkins, Rutherford, N. J.
For page see List of Advertisers.
Bay State Nurseries, North Abington, Mass.
For page see List of Advertisers.
McHatchton & Co., New York, N. Y.
Direct Importations.
For page see List of Advertisers.
Loechner & Co., New York, N. Y.
For page see List of Advertisers.

TREES, SHRUBS, ROSES, EVERGREENS, FLOWERS, HARDY PLANTS.
Elwanger & Barry, Rochester, N. Y.

PALENS.
A. Leuthy & Co., Perkins St., N. Y., N. Y.
For page see List of Advertisers.
For page see List of Advertisers.
John Scott, Brooklyn, N. Y.
For page see List of Advertisers.
Julius Roehrs Co., Rutherford, N. J.
For page see List of Advertisers.
Loechner & Co., New York, N. Y.
For page see List of Advertisers.

KANSY SEED
Arthur T. Roddick & Co., New York, N. Y.
For page see List of Advertisers.

PAPER POTS
Paper Pots: 5000 3 in., $2.25; 2½ in., $1; 2 in., $1.50. Shipped flat, low freight rates. Crosby & Son, Ravenna, Ohio, Baltimore Md.

PATENTS
Siggers & Siggers, Washington, D. C.
For page see List of Advertisers.

PECKY CYPRESS BENCHES
For page see List of Advertisers.
For page see List of Advertisers.

PEONIES
PEONIES—1200 sorts, an enormous stock.
List ready. C. Betcher, Canal Dover, Ohio.
Prices in the catalogue. Written for prices on list of your wants. Gilbert H. Wild, Saratoga, Mo.

PETUNIAS
Petunia (Dreer's), mixed, 2½ in., $2.00 per 100; $5.00 for $50. J. C. Schmidt, Bristol, Pa.

PHOTOGRAPHS
I make a specialty of photographing flowers, plants, etc., for reproduction. Let me submit samples and prices on material for the next catalogue or circular. Special rates for small orders.
J. L. Grimes, 414 Hayward Blvd., Rochester, N. Y.

PLANT STAKES
Selec's Topper Plant Stakes and Trellis. 11. Dee & Sons, Elkhart, Ind.

PLANT TUBS
17 A. Dreer, Philadelphia, Pa.
For page see List of Advertisers.

PIPE AND FITTINGS
For page see List of Advertisers.
Kroeschell Bros., Chicago, Erie St., Chicago.
For page see List of Advertisers.
Metropolitan Material Co., Brooklyn, N. Y.
For page see List of Advertisers.

POINSETTIAS
A. N. Pierson & Son, Abington, Mass.
For page see List of Advertisers.

POT HANGERS
Pot hangers, Kramer's $1 doz. by exp., 51.25 by mail. J. N. Kramer & Sons, Cedar Rapids, Iowa.

PRIMULAS
Primulas Chinese, fine plants. 2½ in. $2.00 per 100; 50 for $5.00. J. C. Schmidt, Bristol, Pa.

RHODODENDRONS
P. Owerkerk, Hoboken, N. J.
For page see List of Advertisers.
Bobbink & Atkins, Rutherford, N. J.
For page see List of Advertisers.

RIBBONS AND CHIFFONS
For page see List of Advertisers.
For page see List of Advertisers.

ROSES
Chas. H. Totty, Madison, N. J.
Own Root and Grafted Roses.
For page see List of Advertisers.
P. Owerkerk, P. O. No. 1, Hoboken, N. J.
For page see List of Advertisers.
For page see List of Advertisers.
W. & T. Smith Co., Geneva, N. Y.
American Grafted Roses.
Ray State Nurseries, Huntington, N. Y.
For page see List of Advertisers.

WOOD BROS., Fisk skill, N. Y.
Own Roses.
For page see List of Advertisers.
A. N. Pierson, Crawfordsville, Conn.
For page see List of Advertisers.
L. E. Cocking, Murray Hill, N. J.
Killarneys, Amherst, Mass.

WANTED—Rose plants of any kind.
M. W. Coot, 90 Melrose St., Providence, R. I.

SEED GROWERS
British Seed Growers Co., San Jose, Cal.
For page see List of Advertisers.

SEEDS
For page see List of Advertisers.
Joseph Brock & Sons, 51 and 53 South St., Boston, Mass.
For page see List of Advertisers.
For page see List of Advertisers.
Myosotis "Buth Fisher.
For page see List of Advertisers.
For page see List of Advertisers.
Arthur T. Roddick, New York, N. Y.
For page see List of Advertisers.
For page see List of Advertisers.
J. M. Thorburn & Co., 33 Barclay St., N. Y.
Asparagus Plunumus Nanas Seeds.
For page see List of Advertisers.
For page see List of Advertisers.
Leonard Seed Co., Chicago, Ill.
Beans, Peas, and Garden Seeds.
For page see List of Advertisers.
J. Bolziano & Son, Baltimore, Md.
For page see List of Advertisers.

SPHAGNUM MOSS
Live Sphagnum moss, orchid peat and orchid barks always on hand.
Lager & Harrell, Suffern, N. J.

SPRAYERS
For page see List of Advertisers.

SWAINSONA
Swaimosa.
Strong 2½ inch, bed and bloom, $3.00; 3 inch, $5.00 per 100. Union City Greenhouses, Union City, Pa.

TREE RENOVATION
John T. Withers, Inc., Union City, N. J.
For page see List of Advertisers.

For List of Advertisers See Page 88
WHOLESALE FLORISTS—Continued

New York—Continued

Charles Millang, 55 and 57 West 26th St. For page see List of Advertisers.
P. J. Smith, 40 West 26th St., N. Y. For page see List of Advertisers.
Frank Millang, New York, N. Y. For page see List of Advertisers.
Tractory & Schenck, New York, N. Y. For page see List of Advertisers.
A. Moltz & Co., New York, N. Y. For page see List of Advertisers.

Philadelphia

Leo, Niessen Co., 1209 Arch St., Phila., Pa. For page see List of Advertisers.
The S. Pennock-Meehan Co., 1611-12 Ludlow St., Philadelphia, Pa. For page see List of Advertisers.

Rochester, N. Y.

George B. Hart, 31 Stone St. For page see List of Advertisers.

New Offers in This Issue.

ELEAGANS VARS. AND TIGER LILIES.

E. S. Miller, Westing River, N. Y. For page see List of Advertisers.

FIELD-GROWN CARNATION PLANTS.


FIELD CARNATIONS.

I. M. Haynes, Greenpoint, N. Y. For page see List of Advertisers.

HIGH GRADE PANSEY SEED.

Holmes Seed Co., Harrisburg, Pa. For page see List of Advertisers.

LILIUM HARRIER.

F. B. Pierson Co., Troy-town-on-Hudson, N. Y. For page see List of Advertisers.

METAL ROSE MARKERS.

Wilfrid Wheeler, Concord, Mass. For page see List of Advertisers.

POT-GROWN STRAWBERRY PLANTS.

RARE LILIES FROM CHINA.


WHEAT SHEAVES.


Advertise Your Stock In Horticulture

If you could figure up how much business you do not get because someone had forgotten your address or phone number, or because someone did not know you had what they wanted you would be surprised at the amount you had lost.

Look Carefully Through The Buyers' Directory

It is the key to the offers of Advertisers in each issue. It will remind you of the things you need now.
CABBAGE KEPT FREE FROM WORMS.

DRAKE'S GARDEN.


We have used Slug Shot and always found it very useful." Our potato crop yielded 200 bushels to the acre. Slug Shot for Cabbage Worms is the best defense in the world.

Very truly, F. A. DRAKE.

Cabbage Worms.

The Cabbage Worm has spread wherever cabbage is grown. Whether early cabbage or late cabbage, in garden or field, it perforates the plant, and is of all worms one of the most disgusting, to find hidden away in the folds of the leaf.

IF YOU WANT CABBAGE FREE FROM WORMS, USE HAMMOND'S SLUG SHOT.

How to Destroy Cabbage Worms.—Slug Shot can be used lightly or heavily and the cabbage suffers no harm. The cabbage forms its head by interior growth; it throws off its earlier and outside leaves, and no dust can enfold within its head. Apply Slug Shot with a Duster (see illustration), seize it over the plants or full grown cabbages. The powder is very fine and goes a long way in field or garden.
Kroeschell Boiler, Generator and Heating System: Insure Perfect Results.

"Having promised you a letter as soon as we had passed through a good fair test, I consider it now almost timely. We had the thermometer 18 degrees below and we've just gone through a blizzard bad enough for most any season, and am very well pleased to inform you that our heating system was equal to the occasion. So far as we have gone, am certainly well satisfied with the Kroeschell Boiler, Generator and Heating System."

J. E. Mathewson, Sheehygan, Wis.

KROESCHELL BROS. CO., 466 W. Erie St., Chicago, Ill.

FOR "POT LUCK" TRY US...

WRITE FOR CATALOGUE AND DISCOUNTS
A. H. HEWS & CO., Inc.
Main Office and Factories
CAMBRIDGE, MASS.

PATENTS
Trademarks and Copyrights
Send your business direct to Washington. Saves time and assures better service. Personal attention guaranteed.

SPECIALTY: "Working on the Falling of Others."

BIGGERS & BIGGERS
PATTERN LAWYERS
Box 9, National Union Building
Washington, D. C.

STANDARD FLOWER POTS
Packed in small crates, easy to handle.
Price per crate
1900 20 pine cones 4.00
1900 25 5.95
1900 65 7.00
1900 100 8.00
1900 150 10.00

HANG MADE
1900 3 10.00
druck 3 12.00
1900 4 15.00
druck 4 18.00
1900 5 20.00
druck 5 25.00
1900 6 25.00
druck 6 30.00
1900 7 30.00
druck 7 35.00
1900 8 35.00
druck 8 40.00

Send same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address
HILLFINGER BROS., Pottery, Fort Edward, N.Y.
August Baker & Sons, Agents. 31 Barclay St., N. Y. City.

Syracuse Red Pots
"A little pot is soon hot," likewise a thin pot. This will save you fuel. Our pots are the thinnest and toughest owing to the superior quality of the clay. New price list on application.

Syracuse Pottery Co., SYRACUSE, N. Y.

STANDARD FLOWER POTS
If your greenhouses are within 500 miles the Capitol, write us, we can save you money
W. H. ERNEST
20th & M Sts.,
Washington, D. C.
KING GREENHOUSES

WHEN? NOW!

WHY?

BECAUSE YOU CANNOT GET BETTER AND CAN GET MUCH WORSE. THE ADDITIONAL THEY MAY COST OVER THE INFERIOR KIND IS A VERY SMALL PROPORTION OF THE TOTAL COST, SO WHY TAKE THE INFERIOR? THE GLASS, HEATING AND ERECTING COST THE SAME IN ANY CASE. TRY IT ONCE AND YOU WILL BE CONVINCED. SEND FOR QUESTION BLANK AND BULLETINS, AND WE WILL FIGURE FOR YOU.

KING CONSTRUCTION CO.

HOME OFFICE AND WORKS
North Tonawanda
N.Y.

EASTERN SALES OFFICE
No. 1 Madison Avenue
NEW YORK

STANDARD PLATE GLASS CO.

Manufacturers—Importers—Jobbers

NOW IS THE TIME TO BUY

FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST

26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.

Are Leaders In

GREENHOUSE GLASS

OUR PRICES WILL PROVE THIS. CHICAGO, ILL.

BOSTON PLATE & WINDOW GLASS CO.

GREENHOUSE GLASS
GERMAN AND AMERICAN

261 to 287 A Street BOSTON 20 to 22 Canal Street

LETS US QUOTE YOU ON NEW AND SECOND-HAND

METROPOLITAN MATERIAL CO.
1393-1414 Metropolitan Ave., Brooklyn, N.Y.

Holds Glass Firmly See the Point & Peerless

(Advertisement)

TO BUYERS
Patronize our advertisers, they will treat you right.
EREKTED FOR MR. E. S. HARKNESS, NEW LONDON, CONN.

HAVE HITCHINGS BUILD YOU A GREENHOUSE

HAVE them do it, simply because it's their particular business. It being so, it only stands to reason that they can satisfactorily build for you a house meeting all the exacting requirements of perfect plant producing enclosures of glass.

Furthermore, their construction has an iron frame; which means a house of great endurance and consequent freedom from repairs. If your "up keep" is practically all and your flowers and fruit production the highest possible grade—then your house becomes an investment—not a luxury. Ours are investments. Send for catalog.

The illustrations are many—the text brief and particularly informative.

HITCHINGS @ COMPANY,

HYDRANGEAS
FOR SUMMER FLOWERING

We have an unusually fine lot of Hydrangeas, which have been held dormant all winter. These plants are now in bud and bloom, and will flower in fine shape during July and August. We have a fine lot of blue hydrangeas, as well as pink. Plants are in splendid shape for immediate use, and will flower during July and August—at a time of the year when they are in the greatest demand.

We can furnish these plants in ordinary butter tubs at $2.00 and $3.00 each.

Plants in new cedar tubs, painted green, with handles, as follows: Well budded plants in 14-inch tubs, $3.00 each; 16-inch tubs, $4.00 and $5.00 each.

Ferns

We have an exceptionally fine lot of Boston Ferns of the Harrisii type; also a splendid lot of Pierson Ferns. Good, bushy, well-grown plants in 8-inch pots, that will please the most critical buyer, $1.00 each.

LILIUM HARRISII
THE BERMUDA EASTER LILY

We offer a selected and carefully grown stock of the original pure Harrisii. There are only one or two lots of bulbs on the island as good as the stock that we offer. We take pleasure in offering this stock, because it will be found to be very superior to the average stock that is generally offered. This is one of the healthiest and cleanest lots, and will give much better satisfaction than the stock usually obtainable. Our customers who had Harrisii from us last year stated it was the best they had received in years.

We have only a limited stock, which we are offering, and when stock is exhausted, we shall have no more to offer this season.

Fine selected bulbs, 6-7 inch, 350 to the case, $16.00 per case, or full thousand lots at $15.00 per 1,000; 7-9 inch, 200 to the case, $17.00 per case, or full thousand lots at $80.00 per 1,000; 9-11 inch, 100 to the case, $18.00 per case, or full thousand lots at $175.00 per 1,000.

F. R. PIERSON COMPANY, Tarrytown-on-Hudson, NEW YORK

Write to our Main Offices and Factory: Spring & Louise Streets, Elizabeth, N. J. Or Call at our New York Office: 1170 BROADWAY.
View in Rose Garden
At Elizabeth Park, Hartford, Conn.
U KNOW US

Do You Know Why?

The largest number of Successful Florists are buying their Florists' Supplies and Ribbons from us.

If there were but few it might signify little.

Our clientele embraces the BEST Florists in the COUNTRY.

This is certainly gratifying, and is conclusive proof of our LEADERSHIP. It is better to be safe than sorry.

KATALOG for the asking.

The Leading Florists' Supply House and Ribbon Specialists

M. RICE & CO., 1220 Race Street,

Manufacturers — Importers — Originators

DIRECT IMPORTATIONS

Rare Trees, Kestina, Azaleas, Valley Pips, Roses, Rhododendrons, Boxwood, Manetti, Evergreens, Jap. Lilies, Raffia, etc., etc.

Nursery stock from France, Holland, England and Japan.

McHutchison & Co. 17 Murray St., New York, N. Y.

For Fall Planting

Lilium Teucrium, Henryl. Hansoul, Wal-leed and Davuricums; Elegans vario, Single and Double Tigers; Japan Tree Lilac; Delphinium Cornusum; Japan and German Iris; Daphne Caerorum.

Fall list ready in August.

E. S. MILLER
Wading River, N. Y.

HERBERT, ATCO, N. J.
DAHLIAS Every Day in the Year

Little Ads Bring Big Returns

Little ads in our Classified Columns bring big returns to both advertiser and purchaser.

Anything that can be sold to florists, gardeners, park and cemetery superintendents, etc., can be sold through this medium in this department, and at very small cost.

Don't fail to read them each issue, for you will find one or more that will prove profitable to you.

They Cost Only One Cent a Word Undisplayed
GERANIUMS

The steady increase in the demand for Geraniums is proving beyond a doubt that they are the universal favorites with the flower buying public. That they are today more popular than ever before, in fact the demand during the past season nearly exhausted the available supply. We are increasing our stock for propagation to the extent that we shall produce them in enormous quantity next winter and feel confident that we shall be in a position to fill your orders to your entire satisfaction, but would suggest that your order be placed early. We have already booked heavily on some kinds. Good standard sorts at $18.50 per 1000, from 2-in. pots.

A splendid stock in 3-in. pots ready for immediate shipment, at $3.00 per 100 and up, including Ivy Leaved in such varieties as Rcrrott's Sunrise; Mme. Thibaut, Mrs. Banks, Alliance, Pierre Croy, etc., Variegated Foliage, Silver Leaf Nutt, Mrs. Pollock, Sophie dumaresque, Mt. of Snow, L'Elegante, and Duke of Edinburg.

Achryanthias Emersol, Alternantheras red and yellow, Coleus, Lemon Verbenas, Swainsona Alba, Hardy English Ivy. 2-in. $2.50 per 100; 3-in. $3.00 per 100.

Make a note to visit us when at the S.A.F. Convention.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

CHRYSANTHEMUMS

GENERAL COLLECTION.
Golden Dome, Mrs. Clay Frick, The Harrrott, Yellow Eaton.
From 2½-inch pots, $3.00 per 100.
Ada Spandling, Collingford, Geo. Kalk, Harry May, H. W. Reiman, J. E. Lager.

ROSES . . . Own Root—Fine Stock

White Killarney from 3 in pots . . . $3.00
Richmond
Pink Killarney, Chathay, Kaiserin, Perlina, Sunset, from 3 inch pots . . . . $8.00
Bride, Bridesmaid, Golden Gate.

STEVIA COMPACTA
2½ inch pots, $3.00 per 100, $25.00 per 1000.

WOOD BROS. . . Fishkill, N. Y.

BEGONIAS
Gloire de Lorraine. Strong healthy plants. 2½-inch, $12 per 100, $110 per 1000. 3-inch, $20 per 100, $180 per 1000.

POINSETTIA
First-class stock. 2½-inch, $6 per 100, $50 per 1000.

ASPARAGUS HATCHERI
The new Asparagus. Beats the old plumosus Nunus in every respect. More graceful, more rapid grower, and will produce more green to the square foot than any other green you can grow. From 2½-inch pots, $15 per 100.

A. N. PIERSON, Inc., CROMWELL, CONN.

CHRYSTAL CARNATIONS

F. DORNER & SONS CO.
LA FAYETTE, IND.

Chicago Carnation Co.
30 E. Randolph St.
CHICAGO — ILLINOIS

BEGONIAS
Gloire de Lorraine and Lonsdale, $15.00 per 100, $125.00 per 100. Glory of Cincinnati, $20.00 per 100, $150.00 per 1000 at 100 rate. Strong, 2½-in. twice transplanted. Absolute satisfaction guaranteed. Catalog for the asking.

SKIDELSKY & IRWIN CO.
1215 BETZ BUILDING, PHILADELPHIA, PA.

In ordering goods please add "I saw it in HORTICULTURE."
Farquhar's RARE LILIES FROM CHINA
Hardy, Beautiful, Fragrant. The Finest Novelties Extant

Lilium myriophyllum
AWARDED SILVER MEDAL BY MASSACHUSETTS HORTICULTURAL SOCIETY. J ULY 15, 1911.

LILIAM MYRIOPHYLLUM Mr. E. H. Wilson, the famous plant collector, collected for us the bulbs now offered, in North-western China. He considers this the finest of all lilies. It is absolutely hardy, and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink and with a beautiful shade of canary yellow at the centre, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy oppressive odor of most lilies. Blooms out-of-doors early in July.

Orders booked now for October delivery. Bulbs each, $1.50; dozen, $15.00.

LILIAM LEUCANTHEMUM The bulbs offered were also collected by Mr. Wilson. This is one of the strongest growing lilies—frequently attaining a height of six to eight feet. The flowers vary in number from five to ten on a stalk, and in size and shape resembling Lilium Harrisii, greenish white shaded purple on the outside, and of the purest white within, with a tint of effuse in the centre. The flowers have a pleasing fragrance. This lily will undoubtedly be largely used for outdoor planting as well as for forcing. Many consider it the finest of all tubular-flowered lilies. It flowers somewhat later than Lilium myriophyllum, and being of larger growth, has a distinct place.

Orders booked now for October delivery. Bulbs each, $1.50; dozen, $15.00.

R. & J. Farquhar & Co.
SEEDSMEN AND NURSERYMEN
6 AND 7 SOUTH MARKET ST., BOSTON
Seasonable Notes on Culture of Florists' Stock

Callas

Don't neglect your callas now. Shake all the old soil off and put up into 6 or 7 inch pots. Give them a compost of three parts fibrous loam to one of well-decomposed cow manure and a good dash of bone meal. After the bulbs are potted they should be placed outdoors in a frame with coal ashes to stand on. Care should be exercised in watering for at this stage they make roots rather slowly and are very likely to receive too much water. Neither allow the plants to dry out too much nor keep soaked with water, as one is as bad as the other. When they have made some top growth syringe them regularly every day, and fumigate whenever there are signs of thrips or fly. You can keep them out in a frame until there is danger of frost. Some time in September they can be given a place in a well-lighted house that does not run below 60 degrees at night.

Mulching mixture

Now is the time to prepare your mulching material for fall and winter use, on all such crops as roses, carnations, etc. By getting the material ready now it will save time and some anxious worry later on. In preparing this mulch make it rich. I would say let it consist of two parts of well-decomposed cow manure to one part of good fibrous soil. You will have to chop it up quite fine and make it up into a neat pile and let it stand for about three weeks and then turn it over three or four times at intervals of about every ten days, when it will be in a fine mellow condition to put through a 3/4-inch screen. This should then be stored away under a shed or any other place where the rain and snow will not reach it. Where you want to use bone meal or other fertilizing material this can be added at any time before applying. Having this mulch in good condition and in a handy place under cover constitutes one of the first elements of success in growing good flowers.

Pansies

From now until August 20th pansy seed for spring use should be sown, but as a general rule with a majority of florists the first week in the next month is the date selected. Buy the large-flowering strains and sow in a cold frame. Make a compost of loam and leaf mold in equal parts and add about one-third of well-decayed manure. After digging over your frames, place about four inches of the above mixture, for, to grow pansies to perfection you simply must give a soil of high fertility. Shade the frames with whitewashed sash or, what is still better, lath shutters, with laths about half an inch apart. Sow the seed in drills about four inches apart. After the seedlings have made their second pair of leaves they can be thinned out to stand about four inches apart and the others that you have thinned out can be transplanted into other frames of rich soil. Be sure to keep the beds moist and clear of weeds.

Painting and Repairing

A few reminders about painting and repairing will not be out of place now. Summer is the best time for this kind of work. When houses are dryer and the weather such that you can give them full exposure to the drying air. You can make all such work more tolerable by shading your house or by placing some covering over the roof during torrid weather. All necessary work to put houses in good condition before the approach of cold weather should be done now. There is nothing worse than leaky and draughty houses. Give a general inspection as to painting, putting in, and repairing; examine boilers, fire-boxes and grates, also give piping a thorough going over and readjust ventilators and all other machinery. If you take note you will find that the most prosperous growers are always those who put their houses in proper shape before the cold weather sets in.

Rambler Roses

When Ramblers have made a long and stunted growth they should be put outside to ripen up their wood. Place them on some material which they will not root into for you do not want them to make any more growth but to give them a gradual ripening up. Great care should be taken not to harden the wood too early. Don't let them wilt on account of the lack of moisture in the soil, but keep them watered for some time yet as from now until the end of August they are making buds that will give you fine trusses of bloom for next Easter. See that each plant has room to allow plenty of light and air around it. By the end of August you can begin to shorten up on the water and by the time we begin to have cold weather they will be nicely ripened up.

Solanums

Barried solanums that are in the field should be encouraged to make rapid and bussly growth. Those that seem to be making too much top growth should have their tops pinched out. During the next six weeks these plants, if on well enriched land, will make fine large and bushy stock. Keep the soil well-stirred which will help these plants during the dry part of the summer and keep them growing right along. If the weather is very dry it would be wise to use the hose where possible. When watering them give one good and thorough watering and that will suffice for at least ten days. Merely sprinkling the plants should not be practiced as it does more harm than good. These plants can be lifted and potted up the last of August or early in September. Keep them freely syringed and shaded for a few days and they will soon become established.

Mr. Farrell's next notes will be on the following: Columnths; Violets; Bougainvillea; Daisies; Gardenias; Schizanthus.

---

Our Seventh Annual Convention Number

Will be issued under date of August 12, 1911. It will be full of interest for those who go to the Convention at Baltimore, and equally so for those who stay at home. It will be widely distributed and in publicity value the advertiser will have no superior. Take a generous sized space. You'll find yourself in good company.

IT PAYS! IT PAYS! IT PAYS!
Horticulture

Vol. XIV July 22, 1911 No. 4

Published Weekly by Horticulture Publishing Co., 11 Hamilton Place, Boston, Mass.

Advertisement Price

For each, 20 lines in one column.............. $1.00
For each, 20 lines in two columns.............. $1.50
For each, 20 lines in three columns.............. $2.00

Samples of a page may be had upon request.

CONTENTS

COVER ILLUSTRATION—View in Rose Garden............... Page 95
SEASONABLE NOTES—On Cultivation of Florists' Stock
    Celosia—Matching Mixture—Pansies—Painting
    and Repairing—Rambler Roses—Solaniums—John J. M. Farrell.................. 96

BRITISH HORTICULTURE—W. H. Adcock.......................... 96

SOCIETY NOTICES—ADAMS—Horticultural
    Society—Nassau County Horticultural Society—Rose Garden—Horticultural
    Society of Glasgow—A Notable Canadainqua, N. Y., Estate—Rose Garden at
    Elizabeth Park, Hartford, Conn.—Society Notices................................. 99

ORNAMENTAL HORTICULTURISTS:
    Preliminary Programme, Annual Meeting and Exhibition
        Boston to Baltimore—New York to Baltimore........................................ 100
    A New England Beauty—S. C. Delone's Portrait—David F. Roy...................... 101
    In a Hartford Garden............................................................................. 101

CLUBS AND SOCIETIES—American Gladiolus Society
    Smithsonian Institution—Massachusetts Horticultural Society—American
    Association of Park Superintendents—St. Louis Florists Club—Pittsburg Florists
    and Gardeners' Club—Westchester and Fairfield Horticultural Society—Nassau
    County Horticultural Society—Society of American Florists........................ 103

COST OF PLANTING AND CAREING FOR ORCHARDS............. 103

DURING RECESSION—Chicago Sports—Washington Florists' Outing
    The Dryer Picnic—Victorious McClure—New York Bowlers—Notes on Gardeners'
    and Gardeners' Club of Boston....................................................................... 104

SEED TRADE—Clover Seedling Lost—Notes—Early Talks on Crop Prospects—B. C. Watson... 106

OF INTEREST TO RETAIL Florists—Stew Flowers
    Incense—New Flower Stores—A Pastoral Window Scene, Illustrated—Flowers by
    Telegraph........................................................................................................ 110

FLOWER MARKET REJOICING—Boston, Buffalo, Chicago, Detroit.......................... 113

New York, Philadelphia, St. Louis, Washington................................. 115


MISCELLANEOUS

Personal................................................................................................. 99
Rhodendrons and Azaleas—Illustration.................................................... 104
Chicago Notes............................................................................................ 104
Detroit Notes............................................................................................ 104
St. Louis Notes......................................................................................... 104
Philadelphia Notes.................................................................................. 111
Incorporated.............................................................................................. 111
Fire Record.................................................................................................. 111
Notices........................................................................................................ 115
Little Bobs................................................................................................. 120
Greenhouses Building or Contemplated................................................... 121
Patents Granted....................................................................................... 121
To Investigate Fruit Transportation......................................................... 121

It is interesting to read in the London Morning Post the list of plants most generally in use for window boxes. Besides the zonal and ivy-leaved pelargoniums, yellow daisies, nasturtiums, petunias, fuchsias and verbenas which, with a number of other things not mentioned, make up the popular list; for such purposes in this country, there are mentioned Cytisus racemosus, calceolarias, musk and several species of campanulas. In this connection we notice that the Philadelphia North American bemoans the fact that there is a very evident falling off in the quantity of window gardens in Philadelphia as compared with two years ago and observe that "it seems a pity that the custom is dying out." We trust the North American is mistaken. The Philadelphia florists should see to it that the custom does not die out in their city. Florists in other cities, likewise.

The receipt of the preliminary announcement and program for the Convention of the Society of American Florists and Ornamental Horticulturists reminds us that the time for that important annual event is almost here. The program for the various sessions at Baltimore, as given, affords but little idea of the interest and significance that will attach to the meetings and the matters of vital import to ornamental horticulture which will receive attention. For the majority of members no doubt the special sectional sessions arranged for Thursday will present the greatest attraction, each individual being drawn to that department most closely touching his own welfare. While these divided meetings may be numerically small they are, however, likely to accomplish much more in a practical way than is the case with large mass gatherings such as have been the rule at most S. A. F. Conventions in the past and we think the Society will do well to still further enlarge upon this sort of Convention activity from year to year. More detail as to what topics are to be discussed in the sectional meetings would seem to be desirable in this preliminary program. A little more meat in the document would have added considerably to its persuasive value in stimulating attendance at Baltimore.

Don't miss it From advices received from time to time it is in evidence that local Convention preparations are being carried forward with commendable diligence. The Baltimore spirit of hospitality is something more than an emotion—it is business with the Baltimorean and the orderly system and masterly grasp of details which they have attained was well evidenced on the occasion of the side visit to Baltimore at the time of the Washington Convention and previously at the American Carnation Society's meeting. The trade exhibition, also to some extent under local direction, is an assured phenomenal success as a perusal of the list of amounts of space already spoken for will show. This exhibition is now, in truth, the strongest support of the S. A. F. Convention as an all-important annual event, from a trade standpoint. When it is considered that this is the second big display of the kind within five months—both in eastern territory—the attitude of the leading manufacturers, growers and dealers in horticultural goods and of the purchasing element in the trade towards this feature as a business enterprise must be obvious. The absence of any dealer from this affair now, savors of business suicide and the consumer who misses this golden opportunity to keep in touch with what is new and improved is making a very costly mistake.
Horticulture

The Olympia Show.

In previous years the Royal Horticultural Society has held a summer show in the picturesque grounds of Holland House, Kensington. This privilege is no longer available. Consequently the Society had to find a suitable venue in West London as the venue of the exhibition. This is a spacious and uncluttered building, usually selected for large international botanical and other big events. It furnished a large area for trade exhibits, but the undraped roof proved very trying to those who were during the spell of extremely hot weather experienced. The leading firms sent their finest floral treasures. There was room for improvement in the general effect produced, the stands being arranged on conventional lines, without any serious attempt to produce any bold effects in artistic groupings. The chief prize was a 50-guinea silver-plated Coronation challenge cup, offered by the Council for the most meritorious exhibit. This was secured by Messrs. H. Son, of Edinburgh, who, as usual, distinguished themselves with their fine display of ferns. The Olympia cup was won by Messrs. W. Son, of Waltham Cross, whose array of roses elicited endless admiration. The cut blooms included Mme. Jules Grozov, Mme. Ravary, Le Joseph Hill, Mrs. A. Waddell, Richmond, Cella, etc. Standard Ramblers made a grand show. The Sherwood cup was allotted to the Duke of Portland for his magnificent collection of fruit, which was admirably staged.

Lady Carnation Exhibitors.

Amongst the carnation exhibits was an interesting collection staged by the Thatcham Fruit and Flower Farm, near Newbury, Berks. This is an undertaking which owes its origin to the enterprise of two ladies, Miss Hughle and Miss Perry. Ten years ago they rented an old farm-house and a field. With the assistance of some students they erected glass houses and frames. A short time later the garden entered the French intensive lines was subsequently established. About five acres of land are under cultivation, with about 750 beds of glass. The leading varieties of carnations are being cultivated on the American system; these are supplied to the London shops. Judging from the publicity of the growers staged a very high cultural standard has been reached. Lady students are trained in all branches of commercial horticulture at this nursery. Many ladies are invading all professions on this side of the Atlantic, and already there are several who are professionally engaged in nursery and market gardening. We hear that the gardener has built up a lucrative mail order concern; she reaches a large number of customers through the medium of the religious press. Another lady has worked up a very good business as a landscape gardener, in which she finds full scope for her artistic abilities. Recently a very attractive shrubbery and garden has been made in connection with the Women's Agricultural and Horticultural Union. Amongst the varied displays were some instructive plans and models of gardens made on waste spaces by school children of New York, U. S. A., shown by Miss Parsons, daughter of the originator. The show was an indication of the advance made by women in this particular branch.

SWEET PEAS AT PASADENA, CAL.

Editor HORTICULTURE.—Not to be entirely undone by the National Sweet Pea Society of America, we had a show of sweet peas at Pasadena, by invitation of the Board of Trade of that beautiful city, in Southern California. On the very same day the National Society was holding its show in Philadelphia, Pa.

The accompanying little picture was taken of the group made in the greenhouse at Floraledge, the Burpee Farm at Lompoc, Cal., before same was sent by express to its destination, and this is what Mr. Barnhart, editor of the acknowledging receipt of same:

"The sweet peas growing here on Floraledge seed farm are apparently trying to make up for lost time, for they are now growing very rapidly and blooming much more satisfactorily than they were when the blooms were gathered to be sent to Pasadena. We cannot, however, tell at this writing what the harvest will be. Bountiful I hope."

EDWIN LONGDALE.

PERSONAL.

E. H. Wilson, wife and daughter, will sail from Liverpool for Boston on the Zeeland, on August 15, to take up a permanent residence here.

Mrs. M. F. Cross has been engaged as grower and manager for the new greenhouse department of the Greening Nursery Co., Monroe, Mich.

Otto W. Frese has accepted a position as manager of the Chicago Flower Growers’ Association store, Chicago, Ill., which will be opened August 1st. Mr. Frese resigned his position with Poehlmann Bros. July 28th.

We learn from a letter just received from England that Lithium myriophyllum is being sent from 15 to 20 shillings and 2 pounds 6 shillings. This is about three times the price quoted in this issue of HORTICULTURE by Messrs. Farquhar who control the stock in America.

A NOTABLE CANANDAIGUA, N. Y., ESTATE.

Sonnenberg is the charming summer residence of Mrs. F. F. Thompson, who twice each month during the season refreshes open the delightful grounds to the public, who thoroughly appreciate the graceful act. Approaching the main entrance which faces a drive about one-half a mile long, there are first things that strikes the visitor is a splendid pair of Colorado blue spruces, standing like sentinels on either side of the main gateway. Inside one finds several varieties of lilies in bloom. Some specimens of Thuja gigantea fully 20 feet in height. The path leading to the left leads to a Japanese garden held in perfect condition. Other varieties grown are Elutro and Rivers’ Orange. The melon house will shortly be a delight to the eye with its heavy crop of yellow mus. Fuchsia is a favorite variety with Mr. Ballantine. The orchid houses are almost empty, most of the splendid specimens being shifted outdoors under south lights. They are the picture of health.

The drouth has been a great drawback to all plants outside, the substantial bedding in July, and nothing will do but to label the greenhouses and both the fruit and garden and tenders.

Ten thousand visitors at one time have been recorded at this lovely spot overlooking Lake Canandaigua.

ROSE GARDEN AT ELIZABETH PARK, HARTFORD, CONN.

Our cover illustration shows a pretty view of the Rambler rose arches in the Elizabeth rose garden and laid out by Theodore Wirth when he was superintendent of the Hartford Park Department and well carried on and cared for by his successors, George A. Parker, and his efficient assistant, Alex Cumming, Jr., who has especial charge of the roses. The collections of all class of roses from the diminutive dwarf polyanthus up to the most rampant climbers are very extensive and, all being carefully labeled, the opportunity for studying and identifying roses is excellent. There is an advantage of view by thugs of visitors. The garden, as a whole, this year was grand and it is not stretching the truth to say there was a luscious bloom in it. The picture we present shows how luxuriantly the ramblers grew and bloomed.

Eight lights of high cable power have been installed this year, making the Garden usable through the evening, the roses showing well under the artificial light. Mr. Parker tells us that the evening lighting has been successful even beyond expectations, as it attracted several hundred visitors each evening and enabled a class of people to visit this garden who would be unable to do so during the day time.
SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS

Preliminary Programme of the Twenty-Seventh Annual Meeting and Exhibition to be held at the Fifth Regiment Armory, Baltimore, Maryland, August 15th, 16th, 17th and, 18th, 1911


Section B

John Lewis Childs, 300 sq. ft.; B. Hammond Tracy, 100 sq. ft.; Arthur Cowee, 300 sq. ft.; J. B. Hutchinson, 40 sq. ft.

Section C


Section D


Section E


Section F


Section G


‘Exhibitors are reminded that the duties of the Judges are limited to the consideration of and the making of awards to Novelties and Improved Devices only. Exhibitors are required to make previous entry of all such exhibitors with the Superintendent in writing. Full rules and regulations, together with the rates, may be obtained by addressing “Mack” Richmond, Superintendent, 1813 Pulaski street, Baltimore, Md.”

TRANSPORTATION.

The Trunk Line Association has granted a rate of one and three-fifths (1-3-5) on the certificate plan. Tickets may be secured not earlier than August 15th and not later than August 16th, except from stations without it is possible to reach Baltimore by noon of August 17th when tickets may be secured on that date. Tickets will be good returning up to and including August 22nd.

In securing your tickets purchase a regular full one-way first-class fare and be sure to request a certificate. No restriction in fare will be made unless a certificate be secured at the time of the purchase of the ticket.

For those living outside the district of the Trunk Line Association inquiry should be made of your local agent for rates to Eastern points. There are many rates in force during August and it is possible to travel at a much reduced fare.

Where members are desirous of joining parties from the larger cities information concerning the trip may be obtained by writing to the secretaries of the local florist organizations.

HOTELS.

List of the leading hotels in Baltimore, rates and location. These hotels are all on the European plan.

Hotel Belvedere, “Headquarters,” Charles and Chase streets. Rooms, without bath, $2.00 to $4.00 per day. Rooms, with bath, $4.00 to $6.00 per day. Rooms, with bath, $20.00 to $30.00 per day.

Hotel Remmert, Liberty and Saratoga streets. Rooms, without bath, $3.50 to $5.00 per day. Rooms, with bath, $5.00 to $7.00 per day.

Hotel Altamont (three squares form Convention Hall), Eutaw place and Langley avenue. Rooms, without bath, $3.00 to $6.00 per day. Rooms, with bath, $6.00 to $10.00 per day. Rooms, with bath, $20.00 to $30.00 per day.

Hotel Howard, Howard and Baltimore street. Rooms, without bath, $1.50 to $2.50 per day. Rooms, with bath, $2.50 to $5.00 per day.

Hotel Cawzel, Baltimore and Hanover streets. Rooms, without bath, $1.50 to $2.50 per day. Rooms, with bath, $2.50 to $5.00 per day.

The New Carrollton, St. Paul, near Baltimore street. Rooms, without bath, $2.00 up. Rooms, with bath, $2.50 up.

Hotel Junker (Strictly Stag). 20-22 E. Fayette street. Rooms, without bath, $1.00 to $1.50 per day (each person). Rooms, with bath, $1.50 to $2.50 per day (each person).

Hotel Raleigh, Holliday, near Fayette street. Rooms, without bath, $1.50 up. Rooms, with bath, $2.00 up.

For further information, address GILLIAM & CO.

331 N. Charles St., Baltimore, Md., Chairman pro tem “Hotel Committee.”
Horticulture

July 22, 1911

BOSTON TO BALTIMORE.

The Boston delegation to the S. A. F. convention in Baltimore will leave the South station, Sunday, August 13, at 6 P. M. The trip will be made by way of the Fall River boat which should make this route especially popular. The delegation will arrive in New York about 7 A. M. on the 14th, leaving at noon with the New York delegation due to arrive in Baltimore at 4:16 P. M. The Belvidere Hotel, the official S. A. F. headquarters, will be headquarters for the Boston delegation. The fare will be $8.50 going, by the certificate plan, 3-5 rate return. Reservations for stareooms etc., can be made through A. H. Hastings, State Vice-President, S. A. F., Boston Flower Exchange, C Park street, up to August 11. This should be a good chance for those florists who are not members of the S. A. F. to put in their applications for membership through the State Vice-President.

It is expected that Boston will turn out a good-sized delegation in expectancy as they have a favorite candidate for the S. A. F. presidency in J. K. M. L. Farquhar, whose good and faithful work on the National Flower Show is deeply appreciated not only by the Boston people but by the fraternity in all parts of the country.

NEW YORK TO BALTIMORE.

As the time is drawing near when the work in the greenhouse is less, it gives us time to think of the convention of the S. A. F. and O. H. This is an event in which every "live" florist should be interested. To perfect the necessary arrangements, John B. Nugent, President of the New York Florists' Club has appointed a very capable committee consisting of Frank H. Traenly, chairman, and this committee has left nothing undone to make this the banner year en-route to Baltimore. The convention is arranged for a special train, the best equipped on the B. & O. R. R. to convey the members and their friends to Baltimore. Train leaves West 23d St., 11 Car Girls' Street Platform, on Monday August 14th. At the last meeting of the club a resolution was passed extending an invitation to members throughout the country to attend this convention.

A NEW ENGLAND BEAUTY SPOT.

One year ago we gave a description of the work of improvement and development being done on the fine estate of Col. H. E. Converse at Marion, Mass., on the shores of Buzzard's Bay. "The Moorings," as the place is appropriately named, comprises about 80 acres of elevated undulating land well clothed with luxuriant woods, the broad verandas of the Col. at nighted in the garden, and a sea view of rare beauty.

The superintendent in charge of the estate is David F. Roy, and in our last year we described briefly some of the more important work he was doing in bringing up the grounds and plantations to a high horticultural standard during the three or four years that he had required it. We have been familiar with Mr. Roy's abilities as a gardener for many years, but must confess we were not prepared for the results of one year's further development which were in evidence when we recently visited "The Moorings," the achievement being all the more remarkable because of the well-known sandy and unproductive character of Cape Cod's soil. The improvements carried forward in the past year include a broad expanse of velvety lawn in the front, the completion of a tennis court, said to be one of the best in the country, the extension and planting of the aquatic garden, the introduction of hardy plants, and the planting of large groups and skirtings of rhododendrons and conifers and the finishing up of a spacious rose garden enclosed by hedges of the newest and best of the Hamblers. The flower garden is extensive and exceedingly brilliant, the fruit houses are filled with luscious product and on every side the transformation accomplished in so brief a period is a delightful surprise. This is one of the estates in competition for the Hunnewell Triennial Premium, and the present is its third year of inspection by the Garden Committee of the Massachusetts Horticultural Society. These premiums are awarded for improvements and skilful care, and are a stimulus to ambitions and effort on the part of proficient gardeners such as D. F. Roy, sided and abetted by the unfettered liberty and encouraging comradeship of "the best employer in the world," as Col. Converse is lovingly portrayed by his faithful adherent, and no one more than that nothing but death will ever part these two congenial friends.

IN A HARTFORD GARDEN.

In a recent visit to the garden of the Goodwin estate at Hartford, Conn., we were much interested in the method followed by that accomplished gardener, J. F. Huss, in raising dahlias in pots for exhibition. The plants are grafted, each on a single tuber which has been cut off below the eye. The result is dwarf, bushy specimens, symmetrical and beautiful. The pots are plunged outside. Among the bedding begonias we were greatly impressed with a Polte de Geneve. It forms a veritable bed of vermilion pink bloom, compact and very uniform and has gone through this exceptional summer in perfect condition. Another striking picture is a bed of heliotrope La Duse. It is dwarf and sturdy in habit and produces enormous flat spikes of rich dark color. No grower of bedding plants should omit this fine heliotrope from his list. Mr. Huss says that its only fault is that it finds it rather hard to winter. Dianthus Chiniensis Vesuvius makes a dazzling edging for a long mixed border. The individual plants vary considerably in color but the type is dazzling scarlet. These were the single with deeply laciniated petals and very profuse. It is one of Haage & Schmidt's introductions.

A pretty feature of this place is always most interesting and inspiring sight. Every variety of hardy ferns obtainable in any part of the world have been grown in the picturesque groups and masses and the sporting flax-culina is seen in most astonishing and almost endless variations. In the rose garden, than which there is none better known to this country, has been very fine this year.

Mr. Huss says that the slaughter of conifers last winter was the worst in his experience. This accords with reports generally from all sections of the eastern United States.
AMERICAN GLADIOLUS SOCIETY.

Schedule of prizes for the Second Exhibition of Gladiolus Blooms to be held in connection with the S. A. F. Convention at Baltimore, Md., August 15-19, 1911.

Open Class.
No. 2. Vaucluse's Seed Store. Silver Cup for the best and largest collection of blooms and spikes, 10 to 15 spikes, of new varieties not less than 25 spikes.
No. 3. M. Crawford & Son. 50 bulbs of Gladiolus "White Lady" for the best 6 spikes of any white variety.
No. 4. Peter Henderson & Co. $10 for the best 10 varieties not on the market.
Nos. 5 and 6. E. Stewert. $5 for the best case of 12 spikes Gladiolus "Golden Queen.
No. 7. E. Stewert. $5 for the best case of 12 spikes Gladiolus "President Tac.
No. 8. B. L. White. $5 for the best new seedlings not less than 25 var. covering not less than 6 spikes.
No. 9. E. H. Chism. $5 for the best variety of any new entry.
No. 10. A. T. Hill, Brooklyn. $5 for the best case of any new variety.
No. 11. W. E. Cliffs. $10 for the best collection of Cliffland varieties 3 spikes or over.
No. 12. The Gardener's Chronicle, Chil- mander. Silver Medal exhibit containing the largest number of standard named varieties, correctly labeled.
No. 13. Walter Co. $10 for the best collection of 15 varieties 3 spikes each.
No. 14. H. Hammond Tracy, Silver and Glass Cup for the best table display of Gladiolus, the table to be laid for 6 covers.
No. 15. N. L. Crawford. $5 for the best centerpiece for dining-table.
No. 16. M. E. Brown. $10 for the best variety of Gladiolus "Niagara" 3 or more spikes.
No. 17. H. H. Groff. $10 for the best exhibit of Gladiolus in white and light; dark blue; and yellow hybrids, not more than 3 spikes of each variety and not less than one spike of each color.
No. 18. E. R. Seed. $10 for 100 spikes Gladiolus "Augusta": $5, 2nds; $3, 3rds.
No. 19. A. E. Kunderd. $10 and 100 bulbs of a new variety named by the exhibitor to be offered for sale.
No. 20. A. E. Kunderd. 100 bulbs of Kunderd "Glory" for the best case of 20 spikes of above variety; 50 bulbs for 2nd case.

Amateur Class.
No. 1. W. E. Kirchhoff Co. Gold Medal for the best display of Gladiolus "Prince-
ing." No. 2. Montague Chamberlain. Silver Cup for the best 6 named varieties, 1 spike each.
No. 3. John Lewis Childs. $5 for the best gladiolus "America," not less than 12 spikes.
No. 4. A. T. Boddington. $5 for the best collection of varieties and hybrids. No. 5. Morton Gage. $5 for the best case of 60 Gladiolus exhibited in one entry.
No. 7. A. E. Kunderd. 100 bulbs Gladiolus "Glory" for the best 6 spikes of above variety; 50 bulbs of Kunderd "Glory" for 2nd best case.
No. 8. For the best exhibit of 10 spikes each of a yellow var. and a blue var.
No. 9. Arthur Cowie. $5 for the best exhibit of a collection of 6 varieties, white and pink variety.

The following rules will be strictly adhered to.

No. 1. All entries must be made to the Recording Secretary not later than three days before the first day of the exhibition, on blanks furnished by the secretary for the purpose.
No. 2. Exhibits in competition for prizes must be of the exhibitor's raising.
No. 3. Exhibits must be in place by 12 M. each day the exhibit is open, and be judged.
No. 4. Exhibitors are required to keep their flowers in fresh condition during the time the exhibition remains open.
No. 5. The exhibits are to be awarded not more than one premium in each class in which they compete and no exhibits of exhibitors on their merit warrant the judges in making awards.
No. 6. While the Society will take reasonable care of the property of exhibitors, yet it will not assume any responsibility for the loss or damage of anything exhibited.
No. 7. Exhibits after being staged cannot be removed until the exhibition is closed, without the consent of the Exhibition Committee.
No. 8. The Society requests exhibitors to attach labels to exhibits. Correct naming of varieties must be shown.
No. 9. Exhibitors will be required to provide tables and everything else necessary for taking decorations.
No. 10. In entering, every exhibitor agrees to the rules and regulations of the Society.

The Society will provide space and vases for Amateurs and Private Gardening Professional exhibitors; dealer's vases will be required to provide their own supply of vases. The vases must be large and stage the exhibit of the Society, notice should be given of any vases required by the Corresponding Secretary. Exhibits by express should be addressed to American Gladiolus Society, Christian F. Kunderd, Baltimore, Md., express charges prepaid.

MASSACHUSETTS HORTICULTURAL SOCIETY.

The annual sweet pea exhibition on Saturday and Sunday, July 15-16, in Horticultural Hall, Boston, was not as large as in previous years owing to the great heat and the unprecedented drought of the last few weeks, which have shriveled up and seriously affected the growth of all flowers. J. O. Christensen, gardener of the estate of W. J. Clemson of Taunton, Mass., had a display of over 200 of the best varieties, two tables being filled. This display won ten first prizes. Frederick Mason with a less extensive display won two firsts, one second and a third prize.

The sensation of the show was the contribution of new Illyria from China by R. and J. Farquhar & Co. These were all selected by E. H. Wilson and included were a number now flowered for the first time in cultivation, some as yet unnamed. Of one of these, a most beautiful new species which Mr. Wilson has named Farquhari, we shall have more to say in our next issue.

The lovely L. myriophyllum was represented by an extensive display of cut blooms and flowers, the background of Japan iris, heleniums and other summer flowers and received the honor of a silver medal. Messrs. Farquhar were also awarded the certificate of merit for everlasting pea White Pearl.

A splendid group of Japan irises was shown by Dr. Harris Kennedy.

The cutting display were very fine, Wilfred Wheeler, William Whitman, W. J. Clemson, Geo. V. Fletcher, W. G. Kendall, Fred. Ma- sson, K. W. Hendus & Son and T. J. Grey Co., being the leading prize winners. The last named showed Grey's Perfection cumber in fine form.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

The Thirteenth Annual Convention of this Association will be held at Kansas City, Mo., August 9 and 10. Convention headquarters will be the Hotel Jefferson, Superintendent of Parks, Kansas City, is looking after local preparations. The program is as follows:

Tuesday, August 8, 9:00 A. M.—Meeting of members and officers.
10:00 A. M.—Annual business meeting. Address of welcome, His Honor the Mayor, Dr. George Brown, and Hon. Frank W. Kappes, President Board of Park Commissioners. Response, William J. Zartman, Presi- dent American Association of Park Superin- tendents. Balloting for members. President's address, William J. Zartman. Reports of officers and committees.
3:00 P. M.—Entertained by the Commercial Club of Kansas City, cities to which things are to be sent. Hom. Dr. A. R. Bird, the President, Kansas City, Mo.
5:00 P. M.—Automobile trip through parks and boulevards, spending balance of the evening in Electric Park.
Wednesday, August 9, 9:00 A. M.—Road Construction and Maintenance. It is hoped to have representatives from the discussion representatives of the New York State Highway Department, the Massa- chusetts Department of the Interior, the Highway Department of the Borough of Bronx, "Insects," Herman Mer- kel.
12:00 P. M.—Automobile trip to Kansas City, Kansas.
1:00 P. M.—Luncheon in Budd Park.
3:00 P. M.—Automobile trip to Country Club Park.
5:00 P. M.—Visit to Swope Park.
6:30 P. M.—Dinner at the Refectory in Swope Park, as guests of the Board of Park Commissioners and the Superintendent, Leavenworth, Fort Leavenworth.
10:00 P. M.—Dinner at W. E. Keck's on the Leavenworth city officials.

The Secretary's address is F. L. Mul- ford, Office of Horticulturist, Dept. of Agriculture, Washington, D. C.

ST. LOUIS FLORIST CLUB.

The monthly meeting, July 13, 1911, was well attended. After all the routine work had been finished the trustees reported on the coming picnic and that all arrangements were completed. The bulletin committee reported that the first year was completed and that their bulletin had been so well received that it was recommended it be continued. The secretary read a telegram from Secretary Pyfer of the Chicago Florist Club, stating that the committee had turned over their F. meeting to Baltimore to travel via B. & O. R. R. and meet their special at Cincinnati. This was turned over to the transportation committee. The chairman then presented the name of officers. Robert J. Winder was nominated for president and C. E. De- wever for vice-president. For secre- tary, J. B. Biel, and treasurer, W. W. Smith. For a three-year term trustee J. F. Annman and F. A. Weber, and for a one-year trustee W. C. Young and C. C. Sanders. Election of officers will take place August 19th.
PITTSBURGH FLORISTS’ AND GARDENERS’ CLUB.

The regular monthly meeting of this club was held on July 11th. It did not develop that the club would be very largely represented at Baltimore. On the 18th, the first lot of round trip will be $14.65. The use of mileage would make the cost slightly cheaper, and there might be an opportunity to take advantage of the Atlantic Union rates.

Those desiring further information should call at the Pittsburgh Cut Flower Co., 121 7th street, and if it should later prove that the attendance would warrant, a car could easily be procured.

On the question of a club picnic President Jones appointed E. C. Reineke, President, J. W. Ludvig, T. P. Langhans, and W. Q. Potter a committee with power to act.

The Elliott Nursery Co., Springdale, showed a good collection of hardy herbaceous flowers; Nell McCallum showed promising garden flowers; Phibbs Conservatories, Schenley Park, sweet peas; Phibbs’ Conservatories, for the far caladiums, was very beautiful and striking exhibit for which the judges, Messrs. P. S. Randolph and Jas. Hutchinson awarded the former, James Moore, a cultural certificate.

There will be no August meeting. Subject for September meeting: Glad-tosis; seasonal flowers; fruits and vegetables.

H. P. JOBLIN, Sec'y.

WESTCHESTER AND FAIRFIELD HORTICULTURAL SOCIETY.

The regular meeting of this society Friday evening, July 14th at Stamford, Conn., was well attended, 75 members present. We now have 150 members.

The executive committee reported arrangements completed for the first annual outing and games at Bonnie Brae Inn, New Rochelle, July 26. Contests and prizes are to be given at 10.30 M. Dinner served on the lawn at 2 P. M.

The committee has arranged every thing possible to make the affair most entertaining and interesting. Contests and prizes (for all events) music and colored quartette and Bonnie Brae famous dinner. Tickets $2.00.

The exhibits at the meeting were of very fine quality. Honorable mention was given to James Stuart for Achimenes coelestinum, George Woundy for Dendrobium noble, A. Peterson for sweet peas, W. Pope for Lilium auratum and sweet peas, Chas. B. Dorr for Ponderosa tomato. Alex Geddies was highly commended for new muskmelon Hickeysburg King and Adrian Marsden for new Jersey cucumber.

Vote of thanks to A. S. Peterson for Hydrangea arborescens grandiflora alba. Exhibitors gave short talks and answered questions concerning their exhibits.

This is one of the most interesting features of this society's meetings.

J. B. MCARDLE, Secretary.

Edwin Lonsdale sends the following note and query:— "The National Educational Association is now holding its convention in San Francisco and some 15,000 strong. Why not the Society of American Florists and Ornamental Horticulturists here in 1915?"

NASSAU COUNTY HORTICULTURAL SOCIETY.

The regular monthly meeting of this Society was held Wednesday evening, July 12. It was decided to hold the Dahlia Show in Pembroke Hall, Sept. 28, and the land for the same was requested to draw up a schedule. The annual outing will be held on August 10. Mr. F. Adams gave a very interesting paper on Humus Leaf Mold which is being published by Francis & Camerden of Quogue, L. I.

Three first prizes for sweet peas were awarded to J. McDonald. G. Bar- ton won another, exhibited by J. Ingram for 12 varieties of sweet peas. H. Gaul received honorable mention for sweet peas and F. Petrocic for cucumbers.

The exhibit for August will be 12 mixed asters, 6 Japanese liltes, 12 gladioli. Mr. J. Ingram offers a prize for 4 vases of asters, white, pink, blue and rose.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS

Department of Registration.

As no objections have been filed, public notice is hereby given that the registration of the rose, "Wilhelmina," by Hoeber Bros., of Chicago, III., is complete.

H. B. DORNER, Secretary.

COST OF PLANTING AND CARING FOR ORCHARDDS.

It will be of interest to the people of this vicinity who are thinking of establishing orchards in the near future to know the cost of starting and care for young orchards.

One of the purposes of the Demonstration Or- chards established by the Massachusetts Agricultural College is to collect data on the cost of the various operations connected with orcharding.

Eight orchards have been planted thus far and while the cost of planting varies considerably according to the types of soil and labor conditions, the data available covers nearly every condition found in the state excepting where labor is scarce.

The cost of preparing five acres of land and planting the trees thereon varies from $10 to $59.75. This variation is easily explained. In the first instance the land has been plowed and planted the year previous, the men to do the planting were more accustomed to that kind of work and the owner was more careful in making his charge. Most of the orchards were established for less than $52. The orchard on which $59.75 was expended for pre- paring the land and planting, was established the land has been in sod for some time and was sufficiently stony to make the digging of holes a difficult task. Then, too, the land was prepared and trees planted with hired help, at a cost of 40 per hour for man and team and 17½ to 20c per hour for man. In all cases the cost of labor was figured at prevailing prices.

As all orchards the cost depends largely upon the speed at which men work and when the owner is present who is also a good manager of men, the cost can be greatly reduced. In one case where representatives of the college were present, with a crew of five, four of whom were inexperienced, four acres of an orchard were staked out in perfect lines in all directions and 130 trees planted in less than eight hours.

Basing the estimate upon the results obtained in the Demonstration Or- chards, it is possible for anyone to establish orchards with hired help in almost any part of the state at a cost not greatly exceeding $12, per acre for small areas and proportionately less as the area increases. Where extensive orchards are planned it is possible to reduce the cost of preparation and planting to 6c per tree when planted 20 feet apart.

Another interesting bit of information that has been obtained from the Demonstration Orchards is the cost of the operations incident to the first year’s growth, and the possible returns from associated crops planted. The data from three orchards shows the cost of caring for trees and the associated crops to vary from $75 to $156 and the value of the associated crops, was sufficient to cover the expenses that the cost of establishing and caring for the orchard one year, which includes preparation of the land, planting and the laborable fertilizer bill, was under $11 per acre.

In the other orchard, one acre of strawberries had been planted the year before and with the other associated crops yielded a net profit of $25 per acre.

Without a doubt an orchard started in Massachusetts and given proper care can be made to pay and yield something in the way of interest on the investment even before the orchard comes into bearing.

PUBLICATIONS RECEIVED.

A CENTURY OF BULB GROWING—A memorial of the "Bloomhof" nursery firm (1811-1911). By Ernst H. Kre- lage (descendent of the firm of E. H. Kreilage & Son of Harrold). This publication is, unfortunately for most of our readers, printed in German.

To the memory of the author to his work of ancestors, who took so large a part in the upbuilding of the bulb industry in Holland. The business of which he writes has come down from father to son until the present day and has been developed to one of great extent and prosperity.

The first chapter in the book deals with the Haarlem bulb industry in the first years of the 19th century; chapter second recounts the starting of the business and its development till the present day, the third chapter is one of the most important periods from 1855 to 1901, during which the business was under the manage- ment of the late Jacob Heinrich Kre- lage, a man of great learning and plant collecting, and the fourth chapter is devoted to the interim from 1901 up to the present time.

The Cleveland Flower Exposition, Columbus, O., was incorpora- ted recently, capital stock, $15,000. This company was organized for the purpose of holding the Cleveland Fall Flower Show, Nov. 13 to 18, and the following year. The board of directors consists of the eleven members of the board of control who are acting for the Cleveland Florists' Club and The Flower Club.
During Recess

Chicago Sports.

The success of the Chicago Carnation Co.'s base ball team is still a matter of pride with them, and they have added to their record by defeating the Minooka team six to five on July 16th.

The Chicago Bowling Club still has a faithful, though small following, and made the following scores July 10th: J. Ether, 152 216 105 1 J. Zeck, 150 159 108 W. Wolf, 174 149 126 1 Vogel, 181 130 147 R. Lifer, 185 155 118 A. Ether, 164 141 192 A. Schulz, 189 178 187 E. Scholten, 206 184 197

All arrangements are completed for the Chicago Florists' Club annual picnic. A feature of the day will be the ball game between the wholesale florists and the retailers. The line up is as follows:

WHOLESALER.—1b, Lormer; ss, Matchin; 2b, A. Zeck; rf, Graf; 1b, Goerzis; cf, Winterson; lf, Farley; e, Kneifl; p, Mathes.

RETAILER.—1b, Krol; cf, Christianson; 3b, Coffing; 2b, Endes; 1b, Olinger; cf, Krenz; rf, Schoent; c, Schmacher; p, Winck.

The usual races will take place for girls and boys under 6, 12 and 16 years, respectively.

The young ladies will be called upon to show their ability to run 50 yards, while the married ladies will run half that distance. The fat men, weighing over 210 pounds, without whom the plains will not be really a picnic, will run for the amusement of the company, and a “free for all” in a 150 yard dash will complete the races. Suitable prizes will be awarded to the winners.

Washington Florists' Outing.

That the annual outing of the Florists' Club of Washington was a great success was the verdict given by all who took the trip to the park at Huntsville, Md., July 12. All kinds of games and guessing contests embellished the day and the dinner which was served greatly added to the general good feeling.

Many of the stores closed early in the afternoon to allow the clerks and others to participate in the festivities. Four stores in the W. B. & Co.'s. R. were provided to carry them to their destination. The visitors from Baltimore went direct to the park from their city and were greeted by the local members at Huntsville.

The leading feature of the day was the baseball game. The store people were pitted against the market people and but for the catcher, who had a way of allowing the hot ones to slip by him, the store people would doubtless have won. As it was the market people won by a score of 4 to 2. The store people, who performed prodigies of valor, were as follows: George Shaefer, s. s.; Frank Ecker, 3b.; Alphonse, 2b.; Thomas, 1b.; Walter Hawley, r. f.; Charles Scarborough, p.; Geo. Dallish, l. f.; Frank Smith, 1b. It was a good game. The winners, who as already stated, really ought to have lost (ask any of the store people about this), got glory enough having their names printed. They were fortunate in having as a scorer Milton Thomas, of Thomas & Sly. I. Rosnolky, salesman for Michell, Philadelphia, acted as umpire during a portion of the game. There were potato races, girls' races, boys' races, young ladies' races, fat men's races, and other things, including lots of refreshments.


The Dreer Picnic.

The annual picnic of the Henry A. Dreer store employees to the firm's grounds at Riverview took place on the 15th inst.; some fifty or sixty ladies and gentlemen taking the trip and every one said they had had the day of their lives. J. Otto Tillow of the firm was only told of the matter at noon Saturday, but he managed to have a special car at 1:15 just the same. A straw ride and a baseball game, “Seeds vs. Plants,” were features—with plenty of refreshments on the side. The baseball item resulted in favor of the “Plants,” showing conclusively that they were of the stronger growth.

Victorious Michells.

Count that day lost. Whose low descending sun
Sees not the Michell line
Put Craig's men on the run.

That day lost, was the 15th. The Michells were on hand at the Michell Farm, Andalusia, but the Craig boys did not put in an appearance. The explanation: short one pitcher. A practice game was played with the Andalusia town team and a pleasant afternoon put in notwithstanding the disappointment, the score standing 13 to 0 in favor of the Michells.

Craig Michell, 3 2 0 3 0 0 5 0 0 3
Andalusia, 0 0 0 0 0 0 0 0 2 3

Umpire, John criticism.
Next Saturday, July 17th, the Michell team plays William Henry Maule at Ridley Park, Pa. This promises to be the hardest game of the season, and will practically decide who will be champion of the Seed League.

RHODODENDRONS AND AZALEAS

Horticulture.

The Asterias will have a club at Baltimore and some of their heavy weights came over last Friday to give the New Yorks some pointers. But New York has improved some and will be heard from at the convention.

The scores:

Doscher, 173 104 176 Cook, 134 129 147
Daldish, 141 157 201 R. K. Michell, 186 143 157
Melson, 181 124 156 Scott, 146 139 144
Moore, 147 117 115

The annual outing of the Gardeners' and Florists' Club of Providence, was held on Wednesday, July 15. A sail down the river, where refreshments and dinner were served, was enjoyed.

The Omaha Florist Club will hold their fourteenth annual picnic on July 27th, afternoon and evening, at the Courland Beach where a large attendance is expected and a good time for all is promised. All the flower stores are expected to be closed that afternoon in order to give everybody a chance to attend the picnic.

Lewis Henderson, Sec'y.

CHICAGO NOTICES.

“Innocents Abroad.”

H. Pihlbo and A. T. Pyter, president and secretary respectively of the Chicago Florists' Club, left Chicago, July 5th, for a friendly call at Cincinnati and elsewhere. They gave a very enthusiastic report of the cordial way in which they were received everywhere. During their stay at Cincinnati they were the guests especially of C. Critchell, president of the Cincinnati Florists' Club, Wm. Murphy, Mr. Fordner, J. A. Peterson and F. Witterstaetter. Mr. and Mrs. J. A. Peterson entertained them at dinner Tuesday, although they were busy with preparations for leaving for Europe on Friday.

Kentucky hospitality was exemplified by Geo. Schult, son of Jacob Schult, Louisville's leading florist. An electric sign for this store at-
HYDRANGEAS

FOR SUMMER FLOWERING

We have an unusually fine lot of Hydrangeas, which have been held dormant all winter. These plants are now in bud and bloom, and will flower in fine shape during July and August. We have a fine lot of blue hydrangeas, as well as pink. Plants are in splendid shape for immediate use, and will flower during July and August when they are in the greatest demand.

We can furnish these plants in ordinary butter tubs at $2.00 and $3.00 each.

Plants in new cedar tubs, painted green, with handles, as follows: Well boxed plants in 14-inch tubs, $3.00 each; 16-inch tubs, $4.00 and $5.00 each.

We have an exceptionally fine lot of Boston Ferns of the Harrisii type; also a splendid lot of Pteris Ferns. Good, bushy, well-grown plants in 8-inch pots, that will please the most critical buyer, $1.00 each.

LILIUM HARRISII

THE BERMUDA EASTER LILY

We offer a selected and carefully grown stock of the original pure Harrisii. There are only one or two lots of bulbs on the island as good as the stock that we offer. We take pleasure in offering this stock, because it will include the stock $17.00

Hedeas, H. Kalamazoo, thorn splendid very telegram along the Carlson, --He trip Baltimore. 8-inch have here new Wm. L. exhausted, time A. factor Mrs. A. effect. off Hunt travel. the trip Mr. redecorating in H. splendid fine Weinhoeber special the H. Harrisii. We have a large crop of bulbs that are now in bloom. This is one of the healthiest and cleanest lots, and will give much better satisfaction than the stock usually obtainable. Our customers who had Harrisii from us last year stated it was the best they had received

We have only a limited stock, which we are offering, and when stock is exhausted, we shall have no more to offer this season.

Ferns

Fine selected bulbs, 6-1/2-inch, 350 to the case, $1.60 per case, or full thousand lots at $45.00 per 1,000; 7-1/2-inch, $1.80 per case, or full thousand lots at $56.00 per 1,000; 9-inch, 100 to the case, $18.00 per case, or full thousand lots at $175.00 per 1,000.

F. R. PIERSON COMPANY,

Tarrytown-on-Hudson,
NEW YORK

trated special attention. An American Beauty rose bursts into bloom by degrees making an impressive advertisement. Louisville is reported as strong for the S. A., F. Convention in 1912, and it is expected to send enough florists to Baltimore to fill a special car which will join the Chicago Special at Cincinnati. Enough more will join at Cincinnati and vicinity to fill another, so the President's Special will be one of the grandest trains to the convention at Baltimore.

Mr. Mathews welcomed the visitors to Dayton, O. He lets no one forget that he is in the florists' business, for his advertisements continually, and in unique ways, generally on something that can be carried home, such as fans, cups, etc. Geo. Bartholomew of the Miami Floral Co. was seen, and is off for Europe before this.

Gladioli

So important a factor in the Chicago summer flower supply has the gladiolus become that along with improved varieties growers are seeking better methods of cultivation. C. H. Ketcham of South Haven, who is sending probably the finest stock into this market, is now cutting an almost pure white Rieve de l'Anjou, sometimes called White America. It has a large perfect flower, borne on a four foot stem, and stands shipping perfectly. Mr. Ketcham had a sprinkling system installed that will reach his 25,000 plants and put an end to the dangers of the summer drought.

Among the Retailers

C. A. Samelson, 2124 Michigan avenue, will begin next week the erection of a conservatory on the roof of his present store. This will give him a fine place for plants and materially add to his present equipment.

At the E. Weinhoeber Co.'s store

the employees are taking their annual trips. Mr. and Mrs. D. O. Robertson are in Canada, and will visit several eastern cities before returning. W. W. Adams the order clerk is having a three weeks cruise of the Great Lakes. When they return Mr. and Mrs. Frank Fasternick will visit relatives in Cincinnati.

Della Bonson, who is in charge of the office at A. J. Mangel's has just returned from a week's outing. A feature of their redecorating of this store, now in progress, is the placing of 15 Grecian columns for ornamental purposes through the store. They are pure white, twelve inches in diameter. They will afford means for decorating the store for special occasions, and are very ornamental when left plain.

Mrs. A. Fisher of Kalamazoo, Mich., is here looking after stock and visiting his brother, Geo. Fisher, who is buyer for the A. A. Fisher Co., of Kalamazoo and Battle Creek, Mich. On Monday this firm will move into its new retail store in the New Burdick Hotel, where they will have more room and better facilities for handling their trade, and will have one of the most elegant establishments in the state.

The Alpha Floral Co. has particularly attractive windows this summer. It has extended both sides of the corner and are two stories in effect. A preponderance of palm and ferns set off to good advantage the comparatively few colored blooms now to be had, and from the platform of the elevated trains the view into the windows is very pleasing. John J. Burke, head salesman, will spend two weeks at his former home in St. Louis, Mo.

Personal

C. N. Dickinson and family are at their summer home at Pelican Lake, Wis.

Mrs. Frank Ben contemplates taking a trip east in August.

Henry Van Gelder, manager of the Percy Jones commission house, is Ill.

C. L. Washburn and family left this week for an automobile trip to the historic Starved Rock and vicinity. Mr. and Mrs. C. H. Fisk leave about August 1st for California and from there will go north into British Columbia, spending six weeks in travel.

Among the week's visitors are Adolph Reiss of Shelbyville, Ill.; Carl Meier, Green Bay, Wis.; Ralph Bonson, Caroline, Minn. and Mrs. C. Reicher, Michigan City, Ind.

Miss Frances Brandage, formerly secretary of the E. H. Hunt Co., is back from her trip in the southwest greatly improved in health. She will assist the office force during C. N. Dickinson's absence but will not take any permanent position at present.

A. Lange and family are at Colorado Springs. Of the clerks who are taking their outings are Harry Peterson, who is in Canada. A, Mr. Peterson who will go to Waukegan, III., Lillian Yet- heberg, in Sawyer, Mich. Wm. Wolf will wait till the convention and take his with the trip east at Baltimore.

W. F. Vik, 5611 Ashland avenue, who left with his little daughter for an extended trip to the Pacific coast on the 6th of July received a telegram upon his arrival in Portland, Ore., announcing the serious illness of his wife with good poisoning. A rose thorn had pierced her thumb and the whole arm was infected. Mr. Vik reached home on the 15th. Mrs. Vik is somewhat improved and hopes are entertained for her recovery.
PANSY—Boddington’s “CHALLENGE”—All Colors

This mixture contains all the finest Giant strains—in the leading Pansy Seed Suppliers of the world—the Giant self-colors, fritillaries and margined, and the Giant hothot, etc., all carefully mixed in proportion—the finest of the various types of the pansy you can have. A florist who has grown it said, "Why don't you call it 'Bundance'?"

Trade pkt. 50c: 1/4 oz. 75c: 1/2 oz. $1.50: 1 oz. $2.75: oz. $5.00

PANSY SEED TIME

Choice Varieties of Giant Pansies

Giant Trimmer, Improved mammoth—showing in good growth and early bloom. Giant Masterpiece (Frilled Pansy). Petals beautifully waved, rich, violet color. ...50.00 each

Cassie's Giant. A fine strain of large, highly colored flowers. ...50.00 each

Giant Rocket's Stained Petals. Extra choice flowers, large and plenty of light colors. ...50.00 each

Giant Madame Perrey. A recent introduction, by a celebrated French specialist; of strong, free growth. Every rich in red shades. ...50.00 each

Giant Fire King. Brilliant reddish yellow, with large brown eyes. ...0.50 each

Giant Lord Beaconsfield. Deep purple. ...2.00 each

Giant Canary Bird. A five-spotted yellow variety. ...50.00 each

Giant Golden Queen. Bright yellow, no eye. ...50.00 each

Giant Golden Yellow, Yellow, brown eye. ...50.00 each

Giant King of the Blacks (Feast). Black. ...50.00 each

Giant President McKinley. Golden red, low, large dark blotch. ...50.00 each

Giant Prince Bismarck. Yellowish brown, dark eye. ...50.00 each

Giant Rosy Lilac. ...50.00 each

Giant Petessa. Crimson-purple, white star, gilia, violet blotch. ...50.00 each

Giant White. Violet spot, the largest white. ...3.00 each


Giant Trimmer, Improved mammoth—showing in good growth and early bloom. Giant Masterpiece (Frilled Pansy). Petals beautifully waved, rich, violet color. ...1.00 each

Cassie's Giant. A fine strain of large, highly colored flowers. ...1.50 each

Giant Rocket's Stained Petals. Extra choice flowers, large and plenty of light colors. ...1.00 each

Giant Madame Perrey. A recent introduction, by a celebrated French specialist; of strong, free growth. Every rich in red shades. ...2.00 each

Giant Fire King. Brilliant reddish yellow, with large brown eyes. ...2.50 each

Giant Canary Bird. A five-spotted yellow variety. ...3.00 each

Giant Golden Queen. Bright yellow, no eye. ...3.00 each

Giant Golden Yellow, Yellow, brown eye. ...3.00 each

Giant King of the Blacks (Feast). Black. ...3.00 each

Giant President McKinley. Golden red, low, large dark blotch. ...3.00 each

Giant Prince Bismarck. Yellowish brown, dark eye. ...3.00 each

Giant Rosy Lilac. ...3.00 each

Giant Petessa. Crimson-purple, white star, gilia, violet blotch. ...3.00 each

Giant White. Violet spot, the largest white. ...3.00 each

Seed Trade

Clover Seeding Lost.

The following communication has been issued under date of July 15, from the office of the Secretary of Agriculture at Washington:

The clover and grass seed grown this spring in the western and northern states has been purchased and killed, either wholly or in part, on thousands of farms in the eastern and western states. This is a serious situation and calls for prompt action. Clover has been killed because it means no clover next season and the planting of some substitute crop for hay next spring at considerably increased expense will probably be necessary. Not only that, but the failure of the clover crop means the loss of the green manure crop in the rotation and a disarrangement of the whole farm plant of crop rotation. The situation should be met at once. Every piece of new seeding should be examined and, if it has been burned out, steps taken to plant it at once.

One of the best ways known to get a stand of clover is to disk the stubble field as soon as the grass is off, allowing the disk to run about three inches deep and working the stubble into the soil. The disk and cross disk should be sufficient to clean up weeds and grass and put the top three inches of soil in line. Keep the ground cultivated until the first soaking rain, then sow about ten pounds of clover seed mixed with five to ten pounds of timothy per acre and harrow the seed in. A still better way is to sow the grass seed with a grain drill, letting the seed run down the grain tubes from the grass seed box and covering the seed from 1/2 to 1 1/2 inches deep. By sowing clover and grass seed alone in this manner, without a nurse crop, it makes much more rapid and vigorous growth than when sown with grain. By disk and harrow the land also, a much better seed bed is made than could be obtained by plowing, since when ground is plowed in dry weather it breaks up bumpy and lies up loose and is very difficult to work down into a compact seed bed so as to be sure that for the best results with clover and grass seed. In addition, the grain stubble worked into the top soil by discing seeds to form a top mulch especially beneficial to clover.

This method of seeding clover is becoming quite general in some of the middle eastern states where farmers over large sections are giving up the practice of spring seeding with grain because of frequent failure to catch and seeding alone after the grain is cut instead. By this method clover and grass seed may be sown in the central and western states as late as September 15, and will make a good stand that will not winter kill, but in the extreme northern states the seeding should not be made later than August 15.

To summarize, grass seedings in spring grain have been burned out on thousands of farms. Repair now by disk and cross disk the stubble and sow clover and grass seed alone without a nurse crop by August 15.

Notes.

Robert Nicholson, president of the Texas Seed and Floral Co., Dallas, Texas, for 25 years, has severed his connection with that firm and established himself in the wholesale seed business at 401-403 Commerce street, Dallas.

Clarke & Keller, of Sha неe, Okla., report the demand for seed since the recent rainfall which brought the drought to an end as the largest ever experienced in their business. The sale of corn for replanting is especially heavy.

The Texas Seed and Floral Company of Dallas has filed a complaint with the interstate commerce commission against the Texas & Pacific and the Santa Fe and connecting lines asking reparation in the sum of $49,103 on a shipment of incubators from New York to Dallas.
Selling cheap bulbs is a little like putting up a wet paint sign—many people put their hand on the paint to see if it really is wet. Of course nine times out of ten it is wet, and nine times out of ten florists who buy cheap bulbs find they are everything the word cheap implies.

Now a few good Cold Storage Giganteum or Magnificum planted now will net you a good profit in the fall when they will flower. Giganteum planted August 1st will flower for Thanksgiving and September 1st for Christmas; times when you really need them. You must order them now, however, and get them planted. Horseshoe Brand Cold Storage bulbs are superior owing to their keeping qualities and because they are thoroughly matured. Prices very reasonable—upon application. Write us.

John T. Withers, Inc.
Landscape Architect and Forester
1 Montgomery St., Jersey City, N. J.
Tree Renovation by Expert Operators. Stereopticon lectures on Horticulture and Arboriculture.

Ralph M. Ward & Co.
12 West Broadway
New York City

Bamboo Canes, Cold Storage Giganteum, Formosas, Magnificum and Auratum ready for delivery now or later.
Seed Trade

Earl Talks on Crop Prospects.

An interview by our Philadelphia Correspondent with Howard M. Earl, Manager for the California Co., July 14, 1911

Some weeks ago we announced in these columns that we had hopes of being able to give our readers a few hints as to crops and the outlook—gleaned from the impressions of that experienced observer, Howard M. Earl, during his recent comprehensive crop inspection tour from the Atlantic to the Pacific and back. These hopes have been realized. Mr. Earl very kindly granted your correspondent some precious minutes, and we give herewith a few of his frank expressions on the situation and outlook—as he saw them:

Among the first questions asked—"Mr. Earl, if it is permissible to ask such a stupid question, what do you think of the season's leading wholesale sweet-pea growers, would you be willing to say without reserve how the sweet-pea crop looked in June during your visit to California?"

"Certainly! A paper of HORTICULTURE's standing in the reliability and conservation of its seed trade news—not to speak of its excellent leadership in that connection—is entitled to information relating to California crops. To state the matter clearly I may put your question under its proper division under its word division.

"One. On the whole sweet-pea crops in California early in June were late—owing to rains coming at an abnormal time."

"Two. Sweet peas will probably average fifty to seventy-five per cent of a crop. The shortage is especially pronounced in the true 'Spencer' class. These are as usual, casting their blooming seed.

"What about the other crops you examined?" was asked.

"Onions look well, and there should be a fair average crop—ample for all demands, only excepting the very small and very large."

"Yes, a limited extent. Spinach looked fairly well. Tomatoes had only just been set out, so little could be predicted about them."

"What about beans? We look a whole lot now—days to the Pacific Coast for Limas and such."

"Sure enough! Especially in Southern California—in such places as Ventura, Santa Paula, and other that go to make up what they call the bean district. Of course, I was too early to form a definite opinion, as beans were but just beginning to make their growth. But judging from the excellent stands which I saw, I should say that there are good prospects for Limas, and other varieties that do well with the exception of the long sorts, planted farther north, also looked promising. A curious feature of the situation is the exaggerated idea a farmer has that to what a seedman would pay him for Limas for seed, when the demand for dried limas for food, is good. But it is no funnier than the same notion of the Easterner when Navy beans are in good demand. Both think the price of seed beans should go up accordingly—independent of any conditions, for or against, in the seed trade."

"We guess that about exhausts the supply of interrogation points for the present, Mr. Earl, and we thank you very much for your ready aid to a toakit for the readers of HORTICULTURE and for ourselves. But just one final one.—We suppose California has now about reached its limit in regard to seed production, and will now have to look further afield for our increasing needs?"

"I by no means. Very few realize the possibilities of California as a seed-producing locality. As time goes on, we are going to find that the possibilities there are almost without limit and that many, many more varieties—varieties that are not grown in Europe and elsewhere can be grown to far better advantage in California. There is nothing more positive to my mind than the truth of Peter Henderso's dream—'California will yet be the seed garden of the world.'"

We think our readers will be pleased with the foregoing condensed epitome of a three-weeks' trip among the growing seed crops of the West by a gentleman who is a keen observer and an able and experienced seedman. It is hard to get a seedsmen to talk, and your correspondent is rather conceited about having at last got one of the big ones to "open up." We shall persevere, now that the ice is broken, and may get some more by and by.

GEORGE C. WATSON.

We understand that the fierce fires which have been raging in Michigan are located directly in Michigan. The subject is so serious a one that we hesitate to quote from one of our jocose correspondents who suggests that we may find a new meaning to the phrase of "pea pushed by some enterprising seed-man under the name of 'Baked' or "Roasted."

VEGETABLE PLANTS

CABBAGE, Wakefield, All Head, Succession, and other—50c. per 1000; 3000 and over, @25c, per 1000.

LETTUCE, Grand Rapids, Big Boston, Bronx varieties, and Twenty-Five cents per 1000; 10,000 and over, @25c, per 1000.

BEET, Crosby, Egyptian, and Eclipse, $1.25 per 1000.

Cash With Order

R. VINCENT, JR. & SONS CO., WHITE MARSH, MD.

METAL ROSE MARKERS RUSTLESS IMPERISHABLE

Paper and wooden markers soon become illegible. Send for samples and prices.

THE RIKER COMPANY, Newark, N. J.

COLDWELL LAWN MOWERS

Hand—Horse Motor
Known All Over the World
Catalogue on Request.

NEWBURGH, N. Y.
MYOSOTIS "RUTH FISHER"

The finest "Forget-me-not" for florist use, very dwarf and compact, literally covered with bright blue flowers of immense size.

Trade Packet 50 cts.

HENRY F. MICHELL CO.
518 Market St., PHILADELPHIA.

Farquhar's Flower Seeds for The Florist

Write for our Wholesale Catalogue

R. & J. FARQUHAR & CO.
Boston, Mass.

SEEDS, PLANTS, BULBS
All seasonable kinds of best quality
Special prices on large lots

JAMES VICK'S SONS,
Seedsmen
ROCHESTER, N. Y.

Burpee's Seeds
PHILADELPHIA

Established 1820

Thorburn's Seeds

Asparagus Plurimus Manus
New Crop Just Received
We offer while unsold as follows:
1,000 seeds $2.50.
5,000 seeds and up @ $2.25 per 1,000
10,000 seeds and up @ $2.00 per 1,000
20,000 seeds and up @ $1.75 per 1,000

Cold Storage Lily of the Valley Pips
HIGHEST GRADE
Cases of 1,000 pips @ $12.00 per case
Cases of 3,000 pips @ $9.00 per case

J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

CHOICE SEEDS
FOR PRESENT PLANTING
Stocks, Asters, Chinese Primulas, etc.

THOMAS J. GREY CO.
33 South Market Street, Boston, Mass.

Braslaw Seed Growers Co.
Lettuce, Onion, Sweet Peas,
Seedsmen for the Wholesale Trade Only.

SAN JOSE, CALIF.
Of Interest to Retail Florists

Kirkville, Mo.—The flower store of A. P. Howells, 206 Franklin street, has been purchased by H. J. Allen.

Philadelphia, Pa.—The florist store of Arthur Melver, 5th street, has been closed.

Detroit, Mich.—R. O. Koehler has given up his store at 623 Gratiot avenue and is succeeded by A. C. Schmidt.

Racine, Wis.—The property occupied by the Racine Floral Co., 219 Sixth street, has been purchased by the D. G. Janes Co.

Denver, Colo.—The partnership of Cooper & Berry, 833 16th street, has been dissolved. George H. Cooper will continue the old store, while Harry J. Berry expects to open a store at 613 15th street.

STEAMER DEPARTURES

Anchor. Cameroun, N. Y.—Glasgow....July 29
Atlantic Transport. Minnesawka, N. Y.—London....July 29
Cunard. Francouna, Boston-Liverpool....July 27
Campania. Naples, N. Y.—Liverpool....July 29
Caronia. N. Y.—Liverpool....July 29
HAMBURG-AMERICAN. Pres. Lincoln, N. Y.—Hamburg....July 29
Holland. Noodam, N. Y.—Rotterdam....Aug. 1
North German Lloyd. Kroop's Cellce, N. Y.—Bremen....July 26
P. Fr. Wilhelm, N. Y.—Bremen....July 27
Fr. der Greffe, N. Y.—Medlin....July 29
Krup's Wilhelm, N. Y.—Bremen....Aug. 1
Red Star. Kronland, N. Y.—Antwerp....July 29
White Star. Ambles, N. Y.—Liverpool....July 29
Zeeland, Boston-Liverpool....Aug. 1

DETOIT NOTES

Mrs. J. F. Sullivan is now rapidly improving.

Mr. Tony Smith, who left the employ of John Breitmeyer's Sons greenhouse, has bought out the flower store of O. R. Kohler.

The ranks of workers in local stores are well thinned out. Vacation trips are in order everywhere. Albert Stahelin is erecting a new range of greenhouses.

Harry Breitmeyer has formally announced his engagement to Miss M. Baudel, a very prominent local society belle, and the date of the wedding has been set for Oct. 16, '11.

Wm. Heilshier has at last become a benedict. He did it quietly and cute but his many friends will be aware when he returns.

F. DANZER.

NEW FLOWER STORES

South Boston, Mass.—Robert V. O'Connor, 601 East Broadway.

Detroit, Mich.—A new store on Broadway will soon be erected by B. Schrooter.

ALEX. McCONNELL

571 FIFTH AVENUE

NEW YORK CITY

Telexgraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls, 487 and 488 Murray Hill

Wm. H. LONG

412 Columbus Ave.

DAVID CLARKE'S SONS

Orders for Steamer, Theatre, Hotel, or Residence Carefully Piled.

NEW YORK

Or OUT-GOING STEAMERS

Write or telegraph

2139-2141 Broadway, New York

Telephone 599-600 Columbus

Established 1874.

WILSON

42 West 28 St., NEW YORK

"FLOWERS BY TELEGRAPH"

Flower Deliveries

In Brooklyn and other Long Island Points, New York City, New Jersey, etc. All Theatres, Hotels, Steamers or Residences.

W. J. Palmer & Son

304 Main Street, Buffalo, N. Y.

Members Florists' Telegram Assn.

WILLIAM L. ROCK FLOWER CO.

Kansas City, - - Mo.

will carefully execute orders for Kansas City and any town in Missouri or Kansas.

ALBANY, N. Y.

EYRES

Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY ON TELEGRAPH ORDER

11 NORTH PEARL ST., ALBANY, N. Y.

M. T. HANSON

New 34th Avenue

MINNEAPOLIS, MINN.

M. T. HANSON

New 34th Avenue

MINNEAPOLIS, MINN.
The accompanying illustration shows how W. J. Palmer & Sons, the leading florists of Buffalo, N. Y., made their show window a beautiful and refreshing picture during the hottest days of early July. There was an old mill with stream and water wheel and mill pond bordered with trees, in which pond lilies floated and gold fish darted. On the bark rim turtles sunned themselves and on a rustic bridge sat a brownie fishing. Cool and delightful it looked to the public as they passed along in the broiling heat and they stood two and three deep gazing into the refreshing scene and apparently experiencing a sense of comfort, as on a hot night in the theatre, when a wintry scene is put on the stage the ladies' fans all over the house become motionless.

The question of appropriate window adornment in the dull summer season is a posey sometimes but there can be no better test of its efficacy than to see a crowd of admirers constantly around it.

ST. LOUIS NOTES.

C. Young & Sons Co., held a meeting of stockholders and election of officers last week.

H. Eschner of M. Rice & Co., Philadelphia, is here this week calling on the trade and will be a guest at the trade at the Florists' picnic.

F. M. Widener of Highland, Ills., has bought the establishment of Ammann & Johanson at East St. Louis, III., and Mr. Widener will take charge July 15.

Each of the wholesalers has given $5 for prizes to be given at the Florists' picnic this week Thursday. The Belleville florists, too, have offered a good prize.

Ludwig Zimmer, who has a floral store at Biddle Market last week for a few weeks' trip to Germany to visit his folks in Hamburg. His store is closed for the summer.

James Arato of Young's has returned from his vacation fishing out west. Will Young will spend his vacation at Atlantic City, N. J., and Mrs. Klag, chief clerk at the greenhouses left this week for a two weeks' trip to Colorado Springs.

PHILADELPHIA NOTES.

Messrs. Bunyard, Ebel, Maynard and others of the Gardeners' Association, held a meeting here on Monday. By-laws were the principal subject under discussion. David Rust, William Kleinhans and John H. Dodds were appointed a committee to consider and report.

Fred Gear, retail florist of Cincinnati, was a recent visitor on his way to Atlantic City. He was the guest of the Pennock-Meehan Co., and later of M. Rice & Co. He says all cities look alike to him, but such personalities as Samuel S. Pennock, M. Rice and E. J. Pencourt, makes Philadelphia stand out to the eyes of Cincinnati.

The writer sent cordial messages to Albert McCullough, J. Chas. and Dan, and hopes they are selling lots of Timothy.

On the evening of the same day (17th) a meeting of the joint committee on Fall Exhibition was held. Neither Messrs. Stroud, Rust nor any members of the trade were present, so it would look as if no interest is being taken by the trade, although as we understand it, the reason for the committee's existence is to get the trade to take some interest. But the P. H. S. deliberately showed the trade interests for the private gardeners' twenty years ago, and now that that policy has proven to have been a mistake. It is too late to undo it.

INCORPORATED.

Los Angeles, Calif.—Inglisde Floral Co., capital stock $20,000. Directors, H. D. Ross, A. W. Ross and F. Edward Gray.

Trenton, N. J.—Goeller Bros., florists, capital stock $10,000. Incorporators, Joseph M., Nicholas J. and Martin J. Goeller.

THE Florists' Supply House of America

H. BAYERSDORFER & CO.
1129 Arch St., Philadelphia, Pa.

New England FLOWER DELIVERIES
Send flower orders for delivery in Boston and all New England towns to
THOS. F. GALVIN
124 Tremont St., Boston

TRANSFER
Your orders for flower or plant delivery in Eastern New England to
JULIUS A. ZINN
1 Park St., Boston

WELLESLEY COLLEGE
Dans Hall, Wellesley Hill and Rockridge Hall School.
TALIBY, Wellesley, Mass.
Tel. Wellesley 4-506

"FLOWERS BY TELEGRAPH."
Leading Retail Florists Listed by Towns for Ready Reference.

Albany, N. Y.—H. G. Eyres, 11 N. Pearl St.

Amsterdam, N. Y.—Hatcher.

Boston—Thos. F. Galvin, 124 Tremont St.

Brooklyn, N. Y.—Robert G. Wilson, Fulton St. and Greene Ave.

Buffalo, N. Y.—Palmer's 304 Main St.

Chicago—William J. Smyth, Michigan Ave. 133D.

Dayton, O.—Matthews, The Florist.

Denver, Colo.—Park Floral Co., 1642 Bway.

Detroit, Mich.—J. Breitmeyer's Sons, Deto-

Miami and Graham.

Kansas City, Mo.—Samuel Murray, 912 Grand Ave.

Knoxsie City, Mo.—Wm. L. Rockflower Co., 1110 Walnut St.

Louisville, Ky.—Jacob Schulz, 550 South Fourth Ave.

New York—David Clark's Sons, 2130-2131 Broadway.

New York—Alex McConnell, 611 5th Ave.


New York—Young & Nugent, 42 W. 28th.

New York—Dards, E. C. cor. 44th St.

St. Paul, Minn.—Helm & Olson.

Toronto, Can.—J. H. Dunlop, 50 Yonge St.

Washington, D. C.—Gude Bros., 1214 F St.

Wellesley, Mass.—Taliby.

FIRE RECORD.

Morton Grove, Ill.—Fire totally destroyed the boiler shed and barn of the N. C. Moore Co., florists, recently.

Philadelphia, Pa.—The store of William Smith, florist, 2552 North Front street, was destroyed by fire recently; loss $2,800.

Providence, R. I.—Vose the Florist is the new name for the Highland Greenhouses, Cumberland Hill, formerly conducted under the name of Vose & Son.
THE BEST LETTERS
FOR FLORIST'S USE

Boston Florist Letter Co.
20 Pearl St., BOSTON
N. P. McCarthy, Mgr.
Order direct or buy from your local supply dealer. Insist on having the BOSTON Inscriptions, Emblems, etc. Always in Stock.

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO.
MANUFACTURERS
PHILADELPHIA, PA.

PETER REINBERG
WHOLESALE
CUT FLOWERS
37 Randolph St., Chicago, Ill.

POEHLMANN BROS. CO.
23-35-37 Randolph St., CHICAGO

CUT FLOWERS
Greenhouses, - Morton Grove, Ill.

George B. Hart
WHOLESALE FLORIST
24 Stone St., Rochester, N.Y.

The J. M. McCullough's Sons Co.
WHOLESALE COMMISSION FLORISTS

CONSIGNMENTS SOLICITED
Special attention to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. Price list on application.

Phone Main 34. 316 Walnut St., Cincinnati, O.

J.A. BUDLONG
82-84-86 E. Randolph St., Chicago
OUR STOCK IS A-I AND IT IS QUALITY NOT PRICES THAT TALKS

HENRY M. ROBINSON & CO.
15 Province St., 9 Chapman Pl., BOSTON, MASS.
Everything in Flowers
Complete Stock of Florists' Greens, Three Floors of Florists' Supplies.

TRY MY PRICES.
J. JANSKY, 19 Province St., Boston, Mass.
Manufacturer of Florist Wire Designs.
All kinds of Florist Supplies.

NEW CROP DAGGER AND FANCY FERNS, $1.75 per 100. Green and Bronze Galax, 10, per 100; by the case, $7.50. Boxwood, 50-lb. case, $7.50; by the lb., 25c. Laurel Wreaths, 24-inch, $1.75 per doz.; 12-inch, $2.25 per doz.; 11-inch, $3.00 per doz.; 8-inch, $4.50 per doz. Laurel Triimming, 4 and 5c. per yd.

NEWS NOTES.
Melrose, Mass.—A. M. Tuttle Co. have sold their greenhouses on Sargent and Howe streets to Charles Rapp of New York.

Skiddell-Hudson, N. Y.—An extensive addition to the present Paint & Sign Shop Works of Benjamin Hammonds is being planned.

Iowa Falls, la.—Mr. Polland's interest in the Polland Floral Co. has been purchased by J. M. Pierce of the Iowa Homestead of Des Moines.

Tewksbury, Mass.—Irving French is moving his business from Whipple street to the property he has just purchased on Castle street. He will build a residence and greenhouses on this new property.
**Flower Market Reports.**

**BOSTON**

There is a decided scarcity of good flowers here. There is plenty of material, but it is generally of low quality, although it brings prices that are good for the season. Business is considered good. Roses find a fair demand at better prices than last week, while Lilacs are rather scarce at present and have also advanced in price. There are no good sweet peas, short stems and diminished flowers being the rule. Asters begin to stand out, short stemmed, but of acceptable quality for so early. Lily of the valley market is fluctuating and irregular.

**BUFFALO**

A change took place in the market last week. While the heavy supply was cut off, and on Saturday a shortage existed, especially in the Carnation and Rose line. A heavy demand on floral work helped to consume a good portion of material which a week or so previous had no buyers. Lilacs were fine, Giganteum, especially Pamment was, had but not equal to the former. Rubruins were in quantity, and were a good help out. Asters are in good supply, and short grades preferable. No good Richmonds, but some *Maidens and Bride* were seen. Gladioli have made their appearance, but not from local growers. The rain on Monday will help along, and in a week's time home grown stock will be had, for which the trade is in waiting. Very few good asters are had, as the time is a little early yet.

**CHICAGO**

There is the usual tendency to think the market a little diller than ever before in midsummer but those who are comparing their books with those of last year find conditions much the same. The record-breaking weather of the spring months and early summer has reduced the supply and consequently raised the prices on any first-class stock higher than customers were accustomed to pay in summer. Some growers are cutting a fairly good supply of medium length Beauties, which are most in demand. Not many real short-stemmed Beauties are to be had. There are plenty of short Killarneys but long ones are scarce. Lilacs of all kinds are to be had in abundance. Some very fine callas are in the market this week, and water lilies are here in quantity. Carnations are small but bring a fair price to the grower though hard to handle by the retailer. Gladioli and asters are helping out decidedly. Lily of the valley is good and some sweet peas are again seen since the cold days. The first blooms of the rose Mrs. Aaron Ward, home-grown, are being cut by Bassett & Washburn. Stock of this eastern favorite is bought by several Chicago growers. Just now it is used principally with lily of the valley in corsages, the stems being short and blooms small but the color is perfect.

Asters as well as many other out-of-door flowers must be considered a failure this year. On the other hand sweet peas, carnations, etc., have received a new lease of life and the stringency in these old standbys is relieved by the improved weather conditions. Business in general has been greatly curtailed by the lack of merchantable flowers. Wholesalers are beginning to concern themselves regarding supply of fancy ferns for next winter. The stock handled at present

(Continued on page 115)
M. C. FORD
Successor to FORD BROTHERS
121 West 28th Street NEW YORK
FINE ROSES, FANCY CARNATIONS
A Full Line of All CUT FLOWERS.
Telephone, 3870 or 3871 Madison Square

H. E. FROMENT
Wholesale Commission Florist, Choice Cut Flowers,
47 West 28th St. :: NEW YORK
Telephones: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send
for quotations. Correspondence with
shipper of first-class stock invited.
55 West 28th Street, New York
Telephone 4025-4026 Madison Square

Edward C. Horan
Wholesale Florist
55 WEST 28th St.

D. Y. Mellis, Pres. Robert C. Wilson, Treas.
GREAT NEW YORK
Florists' Association, Inc.
New Open for Cut Flower Consignments.
162 Livingston Street, BROOKLYN, N.Y.
Geo. W. Crawford, Telephone Manager
3642-43 Main

Moore, Hentz & Nash
Wholesale Commission Florists
55 and 57 West 26th Street
Telephone No. 758 Madison Square

WM. P. FORD
Wholesale Florist
45 W. 28 Street, NEW YORK
Call and inspect the Best Establishment in the Wholesale Flower District.

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ MAURICE L. GLASS
Cosman Building, 55-57 West 26th Street
NEW YORK CITY
Telephone 2627 Madison Square Open from 5 a.m. to 6 p.m.

THE KERVAN COMPANY
Fresh Cut Evergreens, Wreaths, Southern Smilax, Grafted and Lecostoohe,
Preserved and Fresh Cut
Cyclamen and Palmetto.
Tel. 15394 Main, 13 W. 28 St., New York.

REED & KELLER
122 West 28th St., New York
Florists' Supplies
We manufacture all our
Metal Designs, Baskets, Wire Work & Novelties
and are dealers in
Chrysantes, Rosecrans Green and Florists' Equipment.

P. J. SMITH
Successor to JOHN I. RAYNOR
Wholesale Commission Florist
Selling Agent for the LARGEST GROWERS
A full line of Choice Cut Flower Stock for all purposes.
The HOME OF THE LILY
by the 100, 1000 or 10,000
TEL. 1998 MADISON SQUARE
49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—3532-3533 Madison Square

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS
55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only.

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th>Grade</th>
<th>Quality</th>
<th>per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extra</td>
<td>Quality</td>
<td>per 100</td>
</tr>
<tr>
<td></td>
<td>Quality</td>
<td>per 100</td>
</tr>
<tr>
<td></td>
<td>Quality</td>
<td>per 100</td>
</tr>
<tr>
<td></td>
<td>Quality</td>
<td>per 100</td>
</tr>
<tr>
<td></td>
<td>Quality</td>
<td>per 100</td>
</tr>
<tr>
<td></td>
<td>Quality</td>
<td>per 100</td>
</tr>
</tbody>
</table>

Last Half of Week ending July 15, 1911
First Half of Week beginning July 17, 1911

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
31 West 28th Street, New York
Telephone (1664) Madison Square

SIEBRECHT & SIEBRECHT
Wholesale Florists
136 W. 28th St., New York City

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers
54 West 28th St., NEW YORK
Prompt Payment. Telephone 3559 Madison 5a

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK
Shipments, any quantity, Wholesale Market Rates.

ROBERT J. DYSAUT
Public Accountant and Auditor
Books Balanced and Adjusted
Merchants Bank Building
28 STATE ST., BOSTON

Radio: Crosley Model 200
Flower Market Reports
(Continued from page 17)

is exceptionally fine, still prevailing forest fires have seriously damaged what were formerly very productive stands of 11 species of trees in America, notably roses, the most valuable, and the quality generally runs unprecedentedly poor, owing to the severe climatic conditions of the past month. Outdoor crops are naturally the worst affected and asters, which are now due to make their presence felt are in poor shape thus far although signs of improvement may be seen. Better weather conditions now prevailing are seen. Orchids are fine but slackening up in quantity. Carnations have never been worse than now.

Business in the New York flower trade here last week was fairly satisfactory for the season. There is a smaller volume of stock arriving at the offices. It is of poorer quality than it was but recently. This is especially true of roses, although many other lines are similarly affected. American Beauty is one of the bright spots in the situation, being about the best value of anything now offered. While roses are not up to the mark—even Kaiserin making but a medium showing. Marylanders are the best among the pinks—but the best is nothing to brag about. Carnations also are rather inferior and the supply has shortened up notably. The orchid market goes along on an even keel—with enough cattleyas for all demands. Gardenias have improved considerably. Lily of the valley is excellent and selling well. Of asters there is some very fair stock of Queen of the Market arriving but a large majority are very poor. When the aristocrats, like the Crego and others of that class, begin to come in there will be something doing in the aster line. Gladioli are finding a ready sale. America, Augustas and Brenchleyensis are the principal sorts sold. Centaureas, Imperialis, the lavender pink one, is a favorite item. Ester lilies have shortened up some, but there seems still enough to go around.

The market conditions

ST. LOUIS have been anything but satisfactory to the retailer for some time past. In looking over the four wholesale houses hardly enough first-class stock can be found to supply half the demand and that is not very large now-a-days. The long, dry and hot spell has a great deal to do with poor conditions. Roses and carnations are scarce. Fine gladiolus come in with burned tops. Sweet peas are done for. Tuberoses stalks bring $5 a hundred. Extra good asters sell well at from $3 to $5 per 100.

The drought is held

WASHINGTON responsible for the poor condition and scarcity of all outdoor flowers. Perhaps the most marked effect is seen in carnations, which are in poor condition. Asters are slow in reaching markets and the supply is too poor condition. Gladiolus are somewhat better but not entirely satisfactory. Phlox is also poor. Roses, on the contrary, are fairly good. Lilies are in fair supply. Guide reports his pet, the Enchanter, to be proving a particularly fine hot weather rose. Stephanotis is doing nicely and is in good demand. Dahlias “by the million” are relieving the demand for carnations and are used in great quantities in decorations. Gardenias are coming in more plentiful. The worst is now probably over in the flower shortage.

Max F. Jahn, a florist whose place of business and home is in 1300 State street, met a genial young man last Wednesday who gave the name of George Ulbrick and represented himself as a fellow florist in the West. Mr. Jahn extended the hospitality of his home comforts to the young man, who accepted the invitation and stayed over night. When Mr. Jahn went to arouse his guest the following morning he discovered that the young man had gone in the early morning hours. A roll of bills containing $35 was missing. Mr. Jahn and the police are anxious to meet Mr. Ulbrick.—Springfield, Mass., Union.

GARDENERS' AND FLORISTS' CLUB OF BOSTON.

The annual picnic and games of this club will take place at Caledonian Grove, West Roxbury, Mass., on Wednesday, July 26. The sporting events will begin at 10 A. M., and will include running races, etc., for boys, girls and adults and fat men, quilt match, and baseball, Commercial versus Private Gardeners, for all of which prizes are offered.
BOUAVDIAIS
15,000 Bouvardias (single). Good strong 2½ in. pink, white and a few red, $2.50 per 100; $22.50 per 1,000. Catalogue, The Sunbro Co., 622 E. Market St., Scranton, Pa.

BOXWOOD
Boxwood for window boxes, $2.00, $25.00, $50.00, $40.00, per 100. Pyramids in tubs, very fine, $5.00, $8.00, $9.00 a pair. A. Schuthels, College Point, Queens- borough, N. Y.

BOYER'S
For page see List of Advertisers.

CARNATIONS
F. Dorner & Sons Co., Lafayette, Ind. For page see List of Advertisers.

Chicago Nurseries Co., St. Louis, Mo. For page see List of Advertisers.


I. R. Bayne, Greenspot, N. Y. Field Carnations. For page see List of Advertisers.

FIELD-GROWN CARNATION PLANTS
100
Light Pink Enchantress...
$6.00
$99.00
White Enchantress...
$6.00
$60.00
White Perfection...
$6.00
$60.00
Sangamo...
$8.00
$75.00
Alabama...
$8.00
$75.00
Dorothy Gordon...
$6.00
$60.00
Pink Delight...
$7.00
$60.00
Victoria...
$6.00...
$60.00
Afterglow...
$6.00...
$60.00
Winner...
$6.00...
$60.00
Benson...
$6.00...
$60.00
Virginy...
$6.00...
$60.00
Starbawarden...
$0.00...
$50.00
Patten...
$6.00...
$60.00
B. Market...
$0.00...
$50.00
Bowd.......
$0.00...
$50.00
Queen...
$0.00...
$50.00
All of the above plants are in fine condition, clean, thrifty and vigorous, guaranteed in every way, and are ready for shipment July 10. Cash with order.

HOWARD F. KLEINHANE
60 Centre Square, Erie, Pa.

CINERARIAS
Cinerarias, best strain dwarf, 2½ in., $2.00 per 100; 500 for $5.00. J. C. Schmidt, Bristol, Pa.

COBEBAS
500 Cobebas Sensations, 4 in. pots, $4.00 per 100, purple. Or will exchange for Boston. Fisher Bros., 614 Dempster St., Evan- son, Ill.

COCONUT FIBRE SOIL
50th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

COLEUS
R. Vincent, Jr. & Sons Co., White Marsh, Md. For page see List of Advertisers.

CUT FLOWER BOXES
Edward's Folding Box Co., Philadelphia. For page see List of Advertisers.

CUTLAMEN
Cyclamen—Best Varieties in different colors, 3 inch pots, strong plants, $2.00 per 100, $40.00 per 1,000. Julius Roehrs Company, Rutherford, N. J.

DAHLIAS
Herbert, Acto, N. J. For page see List of Advertisers.

DANSON
R. Vincent, Jr. & Sons Co., White Marsh, Md. For page see List of Advertisers.

For List of Advertisers See Page 120
FLORISTS' SUPPLIES—Continued

Reed & Keller, 122 W. 25th St., New York. For page see List of Advertisers.

H. Bayerdohn & Co., 250 Arch St., Philadelphia. For page see List of Advertisers.

S. R. Peacock & Sons, 303 12th St., Philadelphia. For page see List of Advertisers.

FLOWER POTS

W. H. Ernest, 28th and M Sts., Washington, D. C. For page see List of Advertisers.


Sylvester Bros., Ft. Edward, N. Y. For page see List of Advertisers.

SYRACUSE POTTERY CO., SYRACUSE, N. Y. For page see List of Advertisers.

Peter Redpath, F. A. Zaneville, O. For page see List of Advertisers.

Fruit Trees

Dwarf Fruit Trees, by F. A. Waugh, mailed to your address for 55 cents by Horticulture Publishing Co., 11 Hamilton Place, Boston.

FREE SEAS.

Wm. Elliott & Sons, New York, N. Y. For page see List of Advertisers.

For page see List of Advertisers.

Galax

Michigan Cut Flower Co., 38 and 40 Broadway, Detroit, Mich. For page see List of Advertisers.

Kerran Co., New York. For page see List of Advertisers.

H. M. Robinson & Co., 15 Province St. For page see List of Advertisers.

GERANIUMS

R. Vincent, Jt. & Son Co., White Marsh, Maryland. For page see List of Advertisers.

Geroniums, our selection, 4 in., $1.00 per 100; 3 in., $1.00 per 100; 1 in., $1.00 per 100; 75 per cent. more than 100 varieties. Send for geranium catalogue.

A. D. Roet, Wooster, O.

GLASS

Boston Plate & Window Glass Co., Boston. For page see List of Advertisers.

Standard Plate Glass Co., 26-30 South St., Boston. For page see List of Advertisers.

Foley Mfg. Co., Western Ave., between 26th and 26th Sts., Chicago. For page see List of Advertisers.

Sharpe, Fartridge & Co., 22d and Lumber Sts., Chicago. For page see List of Advertisers.

Parshley Bros., Inc., 59 Montrose Ave., Brooklyn, N. Y. For page see List of Advertisers.

Metropolitan Material Co., 1392-1402 Metropolitan Ave., Brooklyn, N. Y. For page see List of Advertisers.


GLAZING POINTS


GREENHOUSE BUILDING MATERIAL

A. T. Stearns Lumber Co., Neponset, Boston. For page see List of Advertisers.

For page see List of Advertisers.

King Construction Co., N. Tonawanda, N. Y. For page see List of Advertisers.

J. C. Monagle, 117 East Blackhawk St., Chicago. For page see List of Advertisers.

E. C. Holcomb, Pecky Cypress for Houses. For page see List of Advertisers.

S. Jacob & Sons, 1525-27 Florence Ave., Brooklyn, N. Y. For page see List of Advertisers.

L. G. Lawrence, 1133 Broadway, New York. For page see List of Advertisers.

HAIRY FERNS AND SUPPLIES

H. M. Robinson & Co., Boston, Mass. For page see List of Advertisers.

Michigan Cut Flower Exchange, 29 and 40 Broadway, New York. For page see List of Advertisers.

The Kerran Co., New York. For page see List of Advertisers.

J. Jansky, Boston, Mass. For page see List of Advertisers.

HEATING APPARATUS

Koenchell Bros. Co., 495 Erie St., Chicago. For page see List of Advertisers.


HERBACEOUS PLANTS

P. Ouerweker, P. O. No. 1, Hoboken, N. J. For page see List of Advertisers.

New England Nurseries, Bedford, Mass. For page see List of Advertisers.


HOSE

H. A. Dreer, Philadelphia, Pa. For page see List of Advertisers.

HOT-RED SASH

A. T. Stearns Lumber Co., Neponset, Boston. For page see List of Advertisers.

Parshley Bros., Brooklyn, N. Y. For page see List of Advertisers.

Lord & Burnham Co., 1133 Broadway, N. Y.

HYDRAEAS

F. R. Pierson Co., Tarrytown-on-Hudson, New York. For page see List of Advertisers.

The true blue French Hydrangeas from 5 ft. and 6 in. pots, sky blue, from 8 to 10 branches, $2.00 per dozen. Best selected plants, $3.50 per dozen. C. H. Schulteis, College Point, Queensborough, N. Y.

INSECTICIDES

Hammond's Paint and Sing Shot Works, Friday-on-Hudson, N. Y. Hammond's Sing Shot. For page see List of Advertisers.


Nictide kills all greenhouse pests. F. R. Palethorpe Co., Owensboro, Ky. For page see List of Advertisers.


Horticulture

Wholesale Florists—Continued

Boston

A. N. Pierson, Cromwell, Conn.
For page see List of Advertisers.

Detroit

Michigan Cut Flower Exchange, 38 and 40 Broadway.
For page see List of Advertisers.

New York

M. C. Ford, 121 W. 25th St., New York.
For page see List of Advertisers.

H. E. Froment, 57 W. 26th St., New York.
For page see List of Advertisers.

H. C. Horan, 55 W. 28th St., New York.
For page see List of Advertisers.

For page see List of Advertisers.

James McManus, 55 W. 28th St., New York.
For page see List of Advertisers.

W. F. Sheridan, 133 W. 28th St., New York.
For page see List of Advertisers.

Wm. H. Kuebier, 28 Willoughby St., Brooklyn, N. Y.
For page see List of Advertisers.

Moore, Hents & Nash, 55 and 57 W. 26th St., New York.
For page see List of Advertisers.

Greater New York Florists’ Association, 162 Livingston St., Brooklyn, N. Y.
For page see List of Advertisers.

A. L. Young & Co., 54 W. 28th St., N. Y.
For page see List of Advertisers.

Charles Milling, 55 and 57 West 28th St.
For page see List of Advertisers.

P. J. Smith, 45 West 25th St., N. Y.
For page see List of Advertisers.

Frank Milling, New York, N. Y.
For page see List of Advertisers.

Traendly & Schechuck, New York, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

Philadelphia

For page see List of Advertisers.

For page see List of Advertisers.

Rochester, N. Y.

George B. Hart, 24 Stone St.
For page see List of Advertisers.

Look Carefully Through The Buyers’ Directory

It is the Key to the offers of Advertisers in each issue.
It will remind you of the things you need now.

Advertise Your Stock In Horticulture and Stop This Leak

If you could figure up how much business you do not get because someone had forgotten your address or phone number, or because someone did not know you had what they wanted you would be surprised at the amount you had lost.
List of Advertisers

Obituary

Charles Neiglick.

Charles Neiglick, father of Charles T. Neiglick, located at North State street, Chicago, died on July 6th from heat prostration.

Leonard G. Ward.

Leonard G. Ward, son of George E. Ward, of Beverly, died at his home, 6 Pleasant street, Salem, Mass., July 4th, with heat prostration. For the last few years he has been employed by Sourdough Bros., Beverly, formerly having been in partnership with his brother, Harry Ward, at the North Street Brewhouse. He was 72 years of age and leaves a wife and two children.

Marshall Symmes.

Marshall Symmes, market gardener, oldest resident of Winchester, Mass., died on July 19th, 1894, at the corner of Sydenham Corner. He was in his 93rd year, having been born Oct. 27, 1815, in that part of Medford later set off as part of Winchester.

Mr. Symmes was a direct descendant of Zachariah Symmes, who came to this country in 1634. He was a blacksmith in Medford at the time, and cost him the sight of one eye. He then purchased the Governor Brooks farm at Symmes Corner and was for more than forty years a market gardener.

Daniel W. Coquillett.

In the death of Daniel William Coquillett, the Department of Agriculture has lost the entomologist who in 1852 introduced the method of rearing our orchard pests and who discovered the usefulness of the Vedalia beetle as a destroyer of scale. Mr. Coquillett, who died July 8th at Atlantic City, was born March 18, 1856, near Woodstock, Ill. In 1881 he was made assistant State entomologist of Illinois. Soon after he went to large ornamental and garden field assignments for the division of entomology, United States Department of Agriculture. In 1893 he was appointed assistant entomologist and at that time removed to Washington.

LITTLE BOBBIE.

By William F. Kirk in Boston American.

When Pa calm down last night he walked over to the Pigeon Point and said the way the Comm. turned it over to them that we would get some orchards. There is no reason why you shouldnt benden er Pa, I think of that. I would like to see the world, besides, orchids cost moor. I been by the orchid way and by the orchid way and there is a kind of close, the same old wish I have I have seen so often. See here, Life of my Life, Ma said I should keep my paws off the orchids.

Calm stone, Pa sed. Why do you I ask, sed Ma, becaus too talk. You are going to talk about the flowers, that is what it is. I am going to talk about the orchids. It is bad coufgen wen you cum home from your work and you want to talk to little Bobbie the herins knows, Ma sed that you over talk yourself then, but wen you is so bad that you cum home and talk to the flowers in the window, I think that somehow is going to melt down.

Well, sed Pa, let me explain. I met a friend of mine from Calafornia lasts afternooon that is a relative of mine called Prof. Hovey the Nitrate and a gnarle friend of

Make the Farm Pay

Complete Home Study Course in Agriculture, Horticulture, Fruiticulture, Land-Scaping, Orangeries, Poultry Culture and Veterinary Science. At the Burnt Hill Agricultural College, Prof. Craig of Cornell University and other eminent teachers. Over one hundred Home Study courses available. For Free Circular write Prof. Brooks.

350 page catalog from. Write to-day.

THE HOME CORRESPONDENCE SCHOOL


WANTS, FOR SALE, ETC.

Advertisements in this column one cent per word. Initials count as words. Cash with order. All correspondence for this department kept confidential. Address Conservant, care Horticulture.

FOR SALE

FOR SALE—Fresh from factory, new 10 x 12, 16 x 18, 16 x 24, double thick, A and B paper, $0.75 per 500 sheets. Order early and get the time to buy and save money. Parshesky Bros., Inc., 59 Montrose Ave., Brooklyn, N. Y.

FOR SALE—One Furman Heater, seven sections, serial 3257, size 208, good condition. One Furman Heater, six sections, serial 567, size 206. Needs one new section. Strout's, Biddeford, Me.

MISCELLANEOUS

WANTED to lease near good town a good Market Garden of about five acres, with greenhouses, sheds, and buildings. Where landscape work could be carried on preferred. Reply to B. T. Care of Horticulture.

GREENHOUSES BUILDING OR CONTEMPLATED.

Weslton, Mo.—Louis Peeters, house 30 x 100.

Weslton, Mo.—Alex. Johnson, two rose houses.

McPherson, Kan.—C. A. Simonson, house 32 x 86.

Kalispell, Mont.—The Flathead Floral Co., addition.

Geneva, Ind.—Charles E. Fields, range of houses.

Tewksbury, Mass.—Irving French, range of houses.

Fullerton, Md.—E. W. Fiedler & Co., carnation house 24 x 203.

Spokane, Wash.—T. E. Westlake Co., one vegetable house.

Ballston Spa, N. Y.—Henry Bennell, Schafer Estate, addition.

Brooklyn, N. Y.—Brooklyn Institute, Museum, range of houses.

Sedalia, Mo.—Archias Floral Co., three houses each 20 x 100.

Scranton, Pa.—T. B. McClintock, three houses each 20 x 100.

Fitchburg, Mass.—C. W. Moeckel, greenhouse and boiler house.

Salem, Mass.—J. R. Hamilton, plant house 26 x 75; a boiler house will also be erected.

Salt Lake City.—A number of Murray citizens, backed by the Murray Commercial Club, are planning to form a company for the purpose of promoting the building of a big hot-house, where it is intended flowers shall be grown to supply the Salt Lake market. J. W. McHenry, president of the Murray Commercial Club, with a number of others interested, have been visiting various proposed sites.

The Foley Manufacturing Co. are now erecting a range of four houses for E. F. Schael in Schererville, Ind. They are of the latest Foley construction, having channel iron gutters and flat rafters. This company report an unusually busy season.

Announcement is made that the Wannamaker Mansion at "Lydenhurst," Jenkintown, Pa., which was destroyed by fire some years ago, has been rebuilt and completed. The stone work amounting to $35,500 was awarded on the 14th inst. to Joseph Mandes & Co. Jno. T. Windrim of Philadelphia is the architect. The landscape work is already about completed—the recent year's improvements on the original work having been done under the supervision of the head gardener, Jno. T. Dodds.

PATENTS GRANTED.


Augusta, Me.—The appointments made by Commissioner of Agriculture John P. Buckley, have been approved by a very substantial vote. Among those are A. J. Gardiner, state horticulterist, $125 per month, and G. A. Yeaton, assistant horticulterist, $55 per month.
### For "Pot Luck" Try

**Hews Standard Pots**

*Pot Makers for 140 Years — Worlds Largest Manufacturers*

**Write for Catalogue and Discounts**

A. H. HEWS & CO., Inc.

**Main Office and Factories**

CAMBRIDGE, MASS.

TO INVESTIGATE FRUIT TRANSPORTATION.

Representative Faison has submitted a resolution in Congress, which has been referred to the committee on Interstate and Foreign Commerce, calling for the cause of delays in handling fruit. The resolution is as follows:

Resolved: That the Interstate Commerce Commission be, and is hereby, directed to make an immediate and complete investigation of the transportation and refrigeration (while in transit) of all fruit and vegetable crops grown and marketed in eastern North Carolina, or elsewhere in the United States, by the Atlantic Coast Line and Pennsylvania Railroad, companies' fruit and vegetable freight, refrigerator freight, and other railroad or transportation companies engaged in transporting such fruit and vegetable crops to the northern markets, especially Washington, District of Columbia; Baltimore, Maryland; New York, Boston, and other markets, for the purpose of ascertaining what is the cause of the constant, continuous, and disastrous delays for the last ten years in the schedules of said companies' fruit and vegetable freight, refrigerator freight, and express trains in transit to said markets.

The said Interstate Commerce Commission is hereby empowered to assess damages to said fruit and vegetable crops and products from such delays, and to fix the freight rates and make fast schedules for all future transportation of all such fruit and vegetable crops as may hereafter be necessary to market the same without material injury to the growers of said crops in North Carolina and elsewhere.

**Syracuse Red Pots**

“A little pot is soon hot,” likewise a thin pot. This will save you fuel. Your pots are the thinnest and strongest owing to the superior quality of the clay. New price list on application.

**Syracuse Pottery Co., Syracuse, N. Y.**

**USE**

Advance machines in your houses and forget all your ventilating troubles. The children can operate them. Just what you want.

**OUR NEW TWIST-LESS ARM**

Note the simple construction. One bolt securely fastens it to the shafting pipe. Easy to set up.

Our new catalogue J thoroughly describes and illustrates our new arm, also the rest of our line. Get one, it will interest you.

**DREER'S**

*Florist Specialties. New Brand New Style. Hose "RIVERTON"*

Furnished in lengths up to 500 ft. without seam or joint.

The hose for the florist, 1/4" in. per ft., 25 ft. 15 c. retail 50 ft., 25 c. 200 ft., 50 c. 600 ft., $1 50. 1000 ft., $1 00. 2500 ft., $5 00. Couplings furnished.

H. H. DREER, 214 Chestnut St., PHILADELPHIA, PA.

**STANDARD FLOWER POTS**

**In ordering goods please add "I saw it in Horticulture."**

**Trademarks and Copyrights**

Send your business direct to Washington, Save time and insure better service. Personal attention guaranteed. Twenty-five years' active service.

SPECIALTY: "Working on the Failures of Others."

SIGGERS & SIGGERS

PATENT LAWYERS

Box 9, National Union Building, Washington, D. C.
KING GREENHOUSES

Private Work
Commercial Houses
Vegetable Houses

ALL ARE DEALT WITH IN THE MOST SCIENTIFIC AND PRACTICAL WAY. WE GIVE YOUR PROJECT CONSCIENTIOUS STUDY AND GUARANTEE THE BEST RESULTS AND SATISFACTION. RESULTS COUNT, AND STRENGTH, LIGHTNESS, DURABILITY, AS WELL AS APPEARANCE, GO TO BRING RESULTS. LET US FIGURE WITH YOU. SEND FOR QUESTION BLANK TO EXPRESS YOUR WANTS ON.

KING CONSTRUCTION CO.

HOME OFFICE AND WORKS
North Tonawanda
N. Y.

EASTERN SALES OFFICE
No. 1 Madison Avenue
NEW YORK

STANDARD PLATE GLASS CO.

Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St.
BOSTON, MASS.
61-63 Portland St.

SHARP, PARTRIDGE & CO.

Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.
CHICAGO, ILL.

BOSTON PLATE & WINDOW GLASS CO.

GREENHOUSE GLASS
GERMAN AND AMERICAN

261 to 287 A Street
BOSTON
20 to 22 Canal Street

Greenhouse Material and Sash
Of Every Description
Get our Prices and Catalogue.

S. JACOBS & SONS
1359-1365 Flushing Ave.
EST. 1781
BROOKLYN, N. Y.

Holds Glass Firmly
See the Point
PEARLESS
Glazing Putty are the best.
No mixing or mixing. Sea at of 4:00 pm at our, postpaid.

HENRY A. DUEKER
111 Duquesne St., Pitcairn

TO BUYERS

Patronize our advertisers, they will treat you right
Owning Your Greenhouse
What It Means

You can talk about the things cold frames will do for you "until the cows come home," but if you want real flowers, real budding plants that you can count on being top notch year in and year out—then a greenhouse is the only thing. The only thing because it is the sure thing. With a greenhouse your frames become doubly valuable, as then one helps the other greatly to the advantage of both. With a greenhouse you can control temperatures and conditions and can have what you want when you want it. But don't allow anyone ever to persuade you that any other curved eave house is just as good as the U-Bar. It's not so. We want to show you exactly why. Send for the catalog as a starter.

U-BAR GREENHOUSES
PIERSON U-BAR CO
ONE MADISON AVE. NEW YORK
CANADIAN OFFICE, 10 PHILLIPS PLACE, MONTREAL

The SERVICE BUILDING is usually a source of great annoyance to the up-to-date gardener and it requires architectural ability to design appropriate Potting Houses that will add to the attractiveness of the Greenhouses. You will admit that this SERVICE BUILDING is unusually attractive. Its Old English Architecture is along the same lines as other buildings on this large estate; it is equipped with all modern improvements for the comfort of the gardener and his assistants and the connecting house, sixteen feet long (ample for Propagating purposes), prevents the shading of adjoining houses.

WILLIAM H. LUTTON
West Side Ave., Station JERSEY CITY, N. J.
Lilium Farquhari
U KNOW US

WHY IT PAYS TO BUY FROM US

You get the Newest and Best in Florists' Supplies and Ribbons.
You get full value every time.
Your orders are PROMPTLY filled.
Such conditions fetch BIG TRADE, and much business, permits LESS PROFIT on volume of business. May we serve you?

KATALOG for the asking.

The Leading Florists' Supply House and Ribbon Specialists

M. RICE & CO., 1220 Race Street, Philadelphia, Pa.

Manufacturers — Importers — Originators

ORCHIDS
Greatest quantity and variety in the country. Established and freshly imported. Ask material in which to grow them. Write for special list and catalogue.

LAGER & HURRELL, SUMMIT, N. J.

LARGEST IMPORTERS, EXPORTERS, GROWERS and HYBRIDISTS IN THE WORLD
SANDER, St. Alban's, England and 258 Broadway, Room 721, NEW YORK CITY

ORCHIDS

PLANTS and FLOWERS always on hand
ORDONEZ BROS.
Madison, New Jersey

ROEHRS
Orchids' Azaleas, Palms, Lorraines, Crotons
RUTHERFORD, N. J.
LORRAINE BEGONIAS
Strong 2\(\frac{1}{2}\) in. stock, ready for 3 in. stock.

Per 100, $1.00; 200 at $1.80 per 100

THOMAS ROLAND, Nahant, Mass.

ROBERT CRAIG CO.
ROSES, PALMS,
and Novelties in Decorative Plants
MARKET and 49th Streets, PHILADELPHIA, PA.

PALMS, FERNS AND
DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 1750 Bedford BROOKLYN, N.Y.

BOSTON FERNS

Whitman, N. Y.

FERN FOR DISHES

Best Palms
All Varieties, All Sizes.
Send for Price List
Joseph Heacock
Wyncote, Pa.

DIRECT IMPORTATIONS

Boy Trees, Kentias, Azaleas, Val- ley Pips, Rosas, Rhododendrons, Boxwood, Manetti, Evergreens, Jap. Lilies, etc., etc., etc.

McHutchison & Co., 17 Murray St.
New York, N. Y.

For Fall Planting
Lilium Tenuffolium, Henri Blanc, Wal- laces and Davurantum; American varie, Single and Double Tigers; Japan Tree Lilies; Delphinium Borromianus; Japan and German Iris; Daphne Cneorum.

Fall list ready in August.

E. S. MILLER
Wading River, N. Y.

HERBERT, ATCO, N. J.

OAHLLIAS Everyday in the Year

Little Ads Bring Big Returns

Little ads in our Classified Columns bring big returns to both advertiser and purchaser.

Anything that can be sold to florists, gardeners, park and cemetery superintendents, etc., can be sold through this medium in this department, and at very small cost.

Don't fail to read them each issue, for you will find one or more that will prove profitable to you.

They Cost Only One Cent a Word Undisplayed
**GERANIUMS, DAHLIAS, CANNAS, ETC.**

Quality and Quantity Combined is Our Motto

If you want to know where they are, we have them, at the headquarters, and, borrowing the phrase of a famous advertiser, we have a permanent exhibition at White Marsh, Cowenton, B. & O. R. R. of more than 57 varieties.

We extend you a cordial invitation to visit us during the Convention. Tickets and all information concerning trains, etc., can be procured from our Mr. R. Vincent, Jr., and other representative of our firm. Will be pleased to see you any day. A good time to place your order for next season.

R. VINCENT, JR., & SONS CO., White Marsh, Md.
Growers of Plants for the Trade

---

**CHRYSANTHEMUMS**

GENERAL COLLECTION.
Golden Dome, Mrs. Clay Frick, The Harriet, Yellow Eaton.
From 2½-inch pots $3.00 per 100.

From 2½-inch pots 50c. per dozen; $3.00 per 100; $25.00 per 1000.

**ROSES**... Own Root—Fine Stock

White Killarney
Richmond
Pink Killarney, Chatenay, Kaiserin, Perles, Sunrise, Sunset, from 3 inch pots $5.00 per 100.
Bride, Bridesmaid, Golden Cale. $65.00 per 1000, $7.00 per 100.

**STEVIA COMPACTA**

2½ inch pots $3.00 per 100, $25.00 per 1000.

**WOOD BROS. . . Fishkill, N. Y.**

**CANES** FOR YOUR MUMS

6 ft. to 8 ft. $7.00 per 1000

WM. ELLIOTT & SONS

42 Vesey St., New York

**CARNATION PLANTS**

Beacon, $50.00 per 100; $5.00 per 100.
Harlowarden, Victory, Windsor and Fair Maid, $6.00 per 100. These are number one plants ready to bench. Call and see them. Cash with order please.

WM. McROBERTS

Maple St., Waverley, Mass.

They’re sticking out all over these pages.

WHAT?

Bargains in Good Stock.

---

**Araucaria Excelsa**

5 in, 3 to 4 thru, 40c. and 50c.; 5½ to 6 in, 4, 5 and 6 thru, 60c., 75c., and $1.00; 7 in, $5.00, $6.00 and $10.00 high, for lawns and porches, $1.50 to $2.00.
Cash with order, please.

Godfrey Aschmann
Wholesale Grower, Shippers and Importer of Pot Plants.
1012 West Ontario St.,
PHILADELPHIA, PA.

---

**CHRYSANTHEMUMS**

AND

**ASTER SEED**

Elmer D. Smith & Co.

ADRIAN, MICH.

---

Chicago Carnation Co.
30 E. Randolph St.

---

**CARNATIONS**

F. DORNER & SONS CO.

LA FAYETTE, IND.

---

BEGONIAS

Gloire de Lorrain and Lonsdale, $15.00 per 100, $110.00 per 1000. Glory of Cincinnati, $25.00 per 100, $200.00 per 1000, $350 at 100 rate. Strong, 2½ in., twice transplant-d. A bushy satisfaction guaranteed. Katalog for the asking.

SKIDELSKY & IRWIN CO.
1215 BETZ BUILDING, PHILADELPHIA, PA.

In ordering goods please add "I saw it in HORTICULTURE."
CHICAGO
FLOWER GROWERS'
ASSOCIATION
Wholesale Growers of Cut Flowers and Plants

President, John F. Kidwell
Vice-president, E. Meuret
General Manager, Otto W. Frese

Secretary, George C. Weiland
Treasurer, Anton Then

OPEN AUGUST 1

We handle the stock of 60 well known growers who specialize in Beauties, White Killarneys, Pink Killarneys, Richmonds, Brides, 'Maids, Lily of the Valley, Orchids, Aster, Sweet Peas, Violets, Chrysanthemums, and every-thing else for the florists' trade. In green goods we have Smilax, Asparagus in strings and bunches, Galax Leaves and Fancy Ferns.

SIXTY GROWERS    2,000,000 FEET OF GLASS

These growers have been selected with care as to their size and the quality and variety of the stock they grow. In approximating the amount of glass they control, we believe 2,000,000 feet a modest estimate, so that with this amount of glass we will be second to none in quantity of stock we shall receive. The quality also will be varied, so as to meet the requirements of every florist. There will be a large supply of extra fancy roses; also the grades ranging to short. The growers have been selected so that we will have a large supply of every kind of flowers as they come in season. We have also growers who specialize in Beauties, Orchids, Valley, Roses, Carnations and green goods. These, with a large percentage who grow all the miscellaneous stock, make us one of the largest wholesale cut flower houses in Chicago.

The second floor of our four-story building will be used for the sale of plants. We have growers who specialize in these and we expect to become a factor along this line. You will hear more on this later.

We will be in readiness August 1 to receive orders, every detail being perfected. On that day we will have a full line to offer, so you need have no hesitancy in wiring or writing for rush or future shipments. Your orders will have the most prompt and careful attention and will leave on the first and quickest express.

Charge accounts are solicited and there will be no delay in shipment on that account. C. O. D. shipments will be made only to those who are new, without reference accompanying order.

We solicit your correspondence and will gladly give any and all information requested pertaining to the business. We hope to receive your valued assistance toward making this a success, assuring you it will be wholly advantageous to you.

176 N. Michigan Ave., Between Randolph and Lake Sts., CHICAGO
Seasonable Notes on Culture of Florists' Stock

**CALANTHES**

These orchids are now in active growth and should have a genial moist atmosphere with a common sense supply of water at the roots. On all favorable opportunities give them ventilation without allowing direct or cold drafts to strike them. At this time of the year we are very liable to have a spell of cold and wet weather which causes the temperature to fall below the normal. This is the time you need a little fire heat, just enough to slightly warm the pipes and you will be able to keep a chink of air on all the time, which helps to keep the atmosphere active and sweet. Calanthes are now beginning to fill their pots and pans with roots. A little stimulant in the way of either weak cow or sheep manure can be applied about once a week with benefit, and as the roots get more matted in their pots they can have it twice a week until the flowers commence to expand. Keep a look out for thrips.

**CARE OF VIOLETS**

From now on no winter-flowering stock requires more watching and judicious attention than the violets. Go over them every week and remove all decayed or diseased leaves, weeds, etc., for they like absolute cleanliness. Give frequent and shallow cultivation thus insuring a sweet and open soil. It is during August and September that so many promising houses of violets go wrong from the want of proper ventilation and care in watering. In order to have strong sturdy and healthy plants when the short and dark days come give all the air you can day and night until winter sets in. Be always very careful in watering; look over the beds good at first, then you will detect the dry spots which can be watered, thus helping to keep your beds at an even degree of moisture. Give a good syringing early in the morning on all fine days so as to allow the foliage to become dry before night. About the middle of August if your plants are making a fine vigorous growth give them a half or three-quarters of an inch of a mulch of either sifted cow or horse manure that is well decayed, as it feeds the surface roots and prevents the continually drying out of the beds.

**BOUGAINVILLEA**

Plants that have been growing vigorously and have filled their pots with roots should have a shift. Give them a soil of a more lumpy character. Sod that was cut last fall will be all right for them. A good compost is three parts of soil and one of cow manure. See that they have plenty of drainage as they will need a free supply of water while growing. Keep them under glass and in a position where they will be exposed to full sun. See that they have a daily syringing for the next six weeks. By the last of September begin to keep on the dry side so as to secure a ripened condition of the wood to make them flower freely. It must be remembered that these plants like a comparative rest but at the same time they should never be allowed to get too dry. While resting give them a cool house—say about 50 degrees and keep air on as much as possible.

**DOUBLE DAISIES**

It will pay any florist living in the suburbs to grow these plants for spring sales. For the ground work in bulb beds they are very satisfactory, and for making separate beds in partial shade they are also well worthy. They sell well in baskets at Easter. Sow the seed in shallow boxes now or any time before the middle of August. When they are large enough to handle set five inches apart in a cold frame. With the coming of winter give them some protection, and whenever there is any mild weather see that they have plenty of air. Give them the same treatment as panies and they will succeed all right.

**GARDENIAS**

Continue watchfulness in all general matters connected with the culture of these plants. Gardenias that were benched early in June will now be advancing very rapidly and at all times they must have every care and encouragement to promote a quick and sturdy growth. Damping down will now be necessary two or three times a day to supply the proper moisture in the atmosphere. Examine the beds each day so there will be neither dry spots nor places showing a saturated condition both of which are very detrimental to this class of plants. Shoots that are making a vigorous growth should be pinched back so as to induce a lateral growth. It should be remembered that while the gardenia delights in a high temperature, great care should be taken to ventilate freely on all suitable occasions so as to secure a gentle circulation of fresh air. Such treatment greatly assists in making good wood for flowering later. Keep the plants free from such insect pests as mealy and red spider by a sharp spray of water forcibly directed on the under side of the leaves and through the plants and if this fails try spraying with an insecticide. You will find several advertised in Horticulture.

When the beds begin to get full of roots they will be in condition to stand a light mulch. Give them a dusting of very fine bone first over the surface, and then a light mulch of well rotted cow manure. The best principle to follow in feeding is to give a little at a time, but often.

**SCHIZANTHUS**

If you want a nice batch of these plants for next winter sow now. See that you obtain the best strain of seed and sow on some fine mixture of equal parts of loam and leaf-mold with a dash of sand through it. Previous to sowing give the pans or flats a good watering and then sow the seed on this and cover very lightly, pressing the soil even all over. Place a pane of glass over the flat or pan and see that the soil does not get parched. When the little seedlings are up a cold frame is an excellent place to summer these plants in. When they are large enough pot off singly into small pots, and shift as they may require until a 6 or 7-inch pot is reached. For the two last shifts use a rich mixture of two-thirds fibrous loam, to one-third of well rotted cow manure and pot firm. To insure fine compact plants keep them pinched freely until the early part of October. Keep them in a frame for the next six or eight weeks as they will be better than if in the greenhouse. Schizanthus Wiretonensis is a fine type to grow. These plants want a cool house culture at all times—say about 50 degrees at night.

Mr. Farrell's next notes will be on the following: Achimenes; Calceolarias; Coreopsis grandiflora; Eucharis; Lilium Harrisii; Winter Sweet Peas.
Horticulture

Vol. XIV
July 29, 1911
No. 5

Published Weekly by
Horticulture Publishing Co.
11 Hamilton Place, Boston, Mass.
Telephone, Oxford 735.
WM. J. Stewart, Editor and Manager.

Subscription Price
One year, in advance, $1.00; To Foreign Countries, $1.50; To Canada, $1.50.

Advertising Rates:
Per inch, 30 inches to page, $1.00. Discounts on contracts for consecutive insertions, as follows:
Per month (4 times), 5 per cent.; three months (12 times), 10 per cent.; six months (26 times), 20 per cent.; one year (52 times), 30 per cent.
Page and half-page spaces, special rates on application.

Entered as second-class matter December 8, 1904, at the Post Office at Boston, Mass., under the Act of Congress of March 3, 1879.

Contents

Cover Illustration—Lilium Farquhari.
Lilium Farquhari.
Diseases of Tomatoes—Dr. George E. Stone.
Spraying Fails to Kill Dandelions—F. H. Hall.
Society of American Florists.
Clubs and Societies:
American Gladiolus Society—Northern Indiana Florists' Association—Florists' Club of Washington.
During recess:
St. Louis Florists' Picnic—Gardeners' and Florists' Club of St. Louis.

Minneapolis Civic Celebration, Illustrated.

The Evolution and Pollination of Sweet Peas—Dr. A. C. Reed.
The New Chrysanthemums of 1911—Chas. H. Tett.
Seed Trade.

Op Interest to Retail Trade.
Steamer Departures.
A Detroit Banquet Decoration, Illustrated—New Flower Stores—Flowers by Telegraph.

Obituary:
David Kalisher—Philip Koch.

Flower Market Reports:
Boston, Buffalo, Chicago, Cincinnati, Detroit.
New York, Philadelphia, St. Louis, Washington.

Miscellaneous:
Proposed International Exhibition.
Personal.
Chicago Notes.
Catalogues Received.
Publications Received.
Greenhouses Building or Contemplated.
University of Wisconsin Short Course.
News Notes.
Patents Granted.
Incorporated.

Reciprocity?
Reciprocity with Canada is now an assured fact, at least so far as this side of the line is concerned. We cannot see just where any practical result can be reached by a discussion of the question of "Reciprocity with Canada on Floral Products" as is provided for in the program of the Baltimore Convention. Last year at Rochester there had been the time to have got busy with this proposition and, with a little assiduity on the part of the producing interests in the northeastern section of the United States a clause including flowers in the free commodities might have been squeezed into the bill. However, we look for a very interesting debate when those two sharpshooters E. I. Mepsted of Canada and P. Welch of America get at it. We don't know where Mr. Mepsted stands on the question, as Upper Canada would probably oppose and Lower Canada favor the free entry of flowers from the United States, although on the matter of free entry to the United States, Upper Canada might be "worry willing," but if P. Welch cannot manoevre E. I. Mepsted into a defensive position it will be because the latter is much more arthritic than the most of us. Get to Convention Hall early on Wednesday morning if you want some fun.

An educational project

Senate bill 3, introduced by Senator Carroll S. Page, now in the hands of the Committee on Agriculture and Forestry provides for Government aid to the States in promoting a better system of education along agricultural and industrial lines and in home economics. The problem of wise and efficient training of young men and young women, always a paramount one, becomes now more serious than ever under the restrictions on a broad-gauge mechanical knowledge imposed by existing factory methods in the division of labor and by labor union prescription. As Mr. Page forcibly points out, Germany is now outrunning us in the race for commercial supremacy due in a large measure to the fact that when the German boy reaches the age of 12, 13 or 14, his characteristics, his physical equipment, the bent of his mind, are carefully ascertained and he is given a training which equips him for the life work which he decides to follow. "Not so with the American youth of the great middle class, especially in our villages and cities. He is turned adrift and the question presented to his mind is, not what will my future life work be? but rather, Where can I get a job that will furnish me the wherewithal to buy my clothes and pay my entrance with my best girl to the moving picture show? In the majority of cases if he can find a position as boot-black, newspaper vender or messenger boy, he is content. In any event he follows the lines of least resistance and takes the work nearest at hand with little or no thought as to growing up into a well-rounded manhood. If he be a farm boy, he works along without specific training and becomes another of that great number who secure from the soil only half the profits they should." The high school, the academy and the college are taking excellent care of those boys who are financially able to avail themselves of their advantages, but for him who cannot, little remains but the prospect of a cheap manhood. If the entry of the National Government into a comprehensive and liberal co-operation with the States for instruction in agriculture and the trades will modify and improve these defects in our industrial system then, by all means, let us have it even if it becomes necessary to economize by cutting out a battleship or two!
LILIUM FARQUHARI.

Our cover illustration this week shows another of the new hardy lilies collected by E. H. Wilson in his Chinese explorations. Mr. Wilson thought enough of this new species to name it Lilium Farquhari as a compliment to Messrs. Farquhar of Boston, with whom his relations have for years been of the most friendly nature.

At Horticultural Hall, Boston, on Saturday, July 22, this lily was exhibited for the first time and received the award of a silver medal. It was shown in cut form from the garden and as plants in pots, some of the bulbs having produced two, three, and four flower spikes.

The flowers are very large, pure white except for a shading of green on the lower outside half of the trumpet and a soft green stripe towards the base of each petal inside. The nine plants shown displayed considerable variation in type, the shape of the trumpet, height of stalk, and the fragrance differing in several specimen. The photograph which we have reproduced gives an excellent idea of the way to treat of this new comer which, being hardy and easily grown, should in time take a high place among the forcing lilies as well as for garden use.

Messrs. Farquhar at the same time showed Lilium myriophyllum again and the impression grows that this beautiful lily has surely come to stay. Pure white with orange flush in the centre and deliciously fragrant, it will undoubtedly become a popular cut flower. Also a large exhibit was made of a very uniform strain of Lilium longiflorum grown in Korea and these were given honorable mention.

TOMATO DISEASES.

In Bulletin No. 138, June, 1911, of the Massachusetts Experiment Station, Dr. George E. Stone has treated the subject of Tomato Diseases in an exhaustive manner. This is a topic to which Dr. Stone has given many years of study and experiment and is an unimpeachable authority. Every-one of the 32 pages covered is valuable reading for the vegetable gardener. Some sixteen diseases, induced by parasitic organisms or by abnormal functions are fully treated as their causes and prevention, soil conditions, etc. Dr. Stone sums up as follows: "Tomatoes are subject to various diseases, some of which are common to outdoor plants and others confined to those grown in greenhouses, and many affect crops grown under either condition. The methods of treating outdoor crops necessarily differ from those required inside, since in the latter case the environment is more or less under control, and by proper control of the environment most of the diseases may be eliminated.

The principal diseases affecting outdoor tomatoes are the blossom end rot, tomato leaf blights, anthracnose (Colletotrichum), leaf blight (Septoria), leaf blight (Cylindrosporum), leaf mold (Alternaria), bacterial blight, downy mildew (Phytophthora) and timber rot (Sclerotina). The first six occur to a greater or less extent in Massachusetts, some of them occasionally causing considerable damage. The others are not mentioned elsewhere and have often proved troublesome.

For the present, spraying must be recommended for the treatment of blossom end rot. The incidence of the disease in some cases is of doubtful value, and the returns from the crop during certain seasons in some sections would warrant little expenditure in this direction. The spraying of the greenhouse plants are beneficial and a sufficient water supply is of value in the control of the blossom end rot.

The principal diseases affecting greenhouse tomatoes are: blossom end rot, timber rot, scab (Cladosporium), eel worms, mildew, surface molds, brown or scald, hollow stem, Oedema and mosaic disease. Of these, the first four are the most important and can be absolutely controlled—blossom end rot by sub-irrigation, timber rot and eel worms by sterilizing the soil, and Cladosporium by regulating the air moisture. The remaining ones are of little importance and as a rule result from abnormal conditions which should not be present.

The most important features in greenhouse culture are those connected with the management of the crop. Too great stress cannot be laid upon the necessity of the gardener's understanding the influence of such factors as heat, light, moisture, ventilation, etc. He should be careful about introducing radical changes in the management of the crop, and much discretion must be used in the application of fertilizers."

Copies of the bulletin may be obtained on application to the Agricultural Experiment Station, Amherst, Mass.

SPRAYING TO KILL DANDELIONS.

Review of Bulletin No. 333, N. Y. Experiment Station, by F. H. Hall.

In spite of the beauty of their bright blossoms in early spring, dandelions are regarded with disfavor by practically every lawn-owner. Their rapid growth, crowding out the grass, presents the development of an even sward; and their coarse leaves, unattractively yellow-stalks and fuzzy tops serve as unseemly decorations for the ideal lawn. They have been fought, and usually with slight success, wherever they have appeared in dooryards, parks and boulevards. A pile of them up is tedious and disheartening; for their abundance makes it no small task to cut them out even on a few square yards, and when very deeply, new crowns form and the owner's labors result only in an increase in the numbers of plants. In tests at the Station two plants were cut off repeatedly, below the crown, before any of the new leaves were four inches long; yet one plant died only after seven cuttings, the other after eight.

In other parts of the country, spraying with iron sulphate (copperas) has been reported successful in controlling these lawn pests; so that it was with high hopes that an experiment along this line was started on the Station grounds. A 10-foot strip about 100 feet long of blue-grass lawn was sprayed six times during the summer of 1909 with iron sulphate solution containing 1/5 lbs. of the chemical in a gallon of water, the sprayings being about four weeks apart and made as far as possible, under conditions thought best adapted to kill the weeds. Success was not reached that year; so in 1910 the sulphate was increased to 2 lbs. to the gallon, the applications were made two weeks apart, and in three treatments the strip was sprayed twice, from different directions.

By the end of June, six treatments had been given and the effect on the grass of the lawn began showing of growth by drouth, made it unsafe to spray longer. At this time 1685 living dandelion plants still remained, fewer than on the untreated lawn beside the strip.

The spray blackened the dandelion foliage, so that the first impression was that the treatment was effective. It did retard or prevent blossoming; but it did not destroy the roots. The application of the copperas also made the grass foliage black and unsightly, though this effectually disappeared before the next spraying. In no way, however, can spraying with iron sulphate be considered a success in removing dandelions from lawns in New York State.

Our Seventh Annual Convention Number

Will be issued under date of August 12, 1911. It will be full of interest for those who go to the Convention at Baltimore, and equally so for those who stay at home. It will be widely distributed and in publicity value to the advertiser will have no superior. Take a generous sized space in HORTICULTURE. You'll find yourself in good company. ★ ★ ★

IT PAYS! IT PAYS! IT PAYS!
HORTICULTURE

July 29, 1911

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS

BALTIMORE’S CONVENTION PROGRAM

The convention program of the Gardeners’ and Florists’ Club of Baltimore, is now quite definitely settled. A fine steamer has been secured and an excursion trip down the bay to Tolchester Beach, a famous attractive resort, the Conoy Island of Baltimore, will be given the guests. At this place the games will be played—the races, shooting, baseball, etc. At six o’clock the boat will leave and go farther down the bay, returning to the city about ten. From present indications it would seem that another steamer will have to be chartered, but the committee will be equal to the occasion. The object of the convention is to make the Baltimore convention a record maker.

Among the prizes offered for bowling for ladies are the following: Bons cup, silver by Bolgiano, cut glass vase by Stewart & Co., cut glass bowl by Hutzler Bros., hand bag by Pennock-Meehan Co., silver by Dreer, silver belt buckle by Mrs. Christ, bowling ball by Brunswick, Balke, Collander Co.; Japanese bread tray by Rice & Co., flower holder by J. W. Putts Co., fern dish by Brager & Co., cut glass vase by Eisenburg, umbrella by Gold-enberg & Co. Highest individual score, cut glass by ladies of Washington, D. C.; most strikes, linen center piece by O’Neill & Co.; most spares, silver cup by Michell; highest score in a special game which will be the third game rolled, silver cup valued at $75, by Hochschield & Co.

Among the prizes for men’s bowling are a good many money specials and valuable prizes by Pennock-Meehan Co., M. Rice & Co., Howe, Waterer, Edwards, Reid, Bros., Geo. Aasums, Michell, Dreer cup, silver bowl by W. J. Johnson of Baltimore, F. C. Bauer of Baltimore, silver cup; Tbaos. H. Patterson of Baltimore, dozen fruit knives. There are many other prizes which will be given on the potato race for girls between 15 and 25, and boys between 15 and 20. There are also a number of good prizes donated for bowling that are yet to be assigned, as the sporting committee desire to distribute them so that everyone will have a chance to pluck a plum.

The ladies’ committee have arranged for a grand trolley ride in special cars, which will visit all the suburb sections, and a fine luncheon will be served at the Country Club en route. This will be for ladies only.

BALTIMORE’S WELCOME

Members of the Society of American Florists and Ornamental Horticulturists:

In a very short time from now our city will be open to receive you as our guests, coming here from far and near, to this, the twenty-seventh annual Convention Meeting of the Society of American Florists and Ornamental Horticulturists, and we stand ready to extend the right hand of fellowship to one and all.

We hope that none will miss this opportunity to be here to renew old friendship and make new friends. We firmly believe our society is growing, and the indications are that this will be one of the best meetings and largest trade exhibits that the society has ever had. So “Come One, Come All,” and let us have the pleasure of welcoming you in this our beloved city of Baltimore, and when we extend the parting hand, may you return to your homes well repaid for your visit, and with pleasant memories of the Baltimore Convention.

The different committees have worked faithfully together with the single idea of making this meeting the most successful in the history of the Society. The hotel accommodations will be found ample and in equipment equal to any in the country, and reasonable rates, so that accommodations can be gotten to suit every one’s taste, from the costly to the more moderate. Terms and conditions will be found in trade papers.

Mr. Wm. Feist, who is the head of the Hotel Committee, will be more than pleased to locate any one of you, as you may wish, if you will communicate with him.

A large amount of space has already been taken in the Armory for exhibition purposes, but more good space is still left. We have one of the largest and finest exhibition halls in the country, where every one will be on an equal footing, as all is on the one floor. The Armory also contains rooms for the general meeting and committee meetings, also rooms for rest, comfort and convenience. Come and take possession and everything we have is yours for the time being.

Also try and bring some new mem-

ber with you, so that he or she may be benefited, and the society may increase in strength and usefulness.

Respectfully yours,

RICHARD VINCENZ, JR.

Vice-President.

White Marsh, Md., July 29, 1911.

CONVENTION NOTES

Although my two years’ service as secretary have been pleasant ones, I wish to announce to my friends that I will not be a candidate for re-election. My duties at the University have increased to such an extent that it will be impossible for me to spare the time necessary for the work of the S. A. & O. H. The duties connected with the office of secretary are rapidly increasing and the time is approaching when the secretary will be compelled to devote all his time to the interests of the society.

Knowing the importance of the position, I feel that I should make this statement in order that the members have enough time to think over the situation and select a new candidate.

S. A. F. & O. H., pins will be issued shortly to all life and pioneer members and to those annual members who have paid their dues for 1911. The pin will be necessary for admission to the exhibition hall.

Attention of florists should be called to the fact that to the credit of the meetings, the exhibition and the entertainments, it will be necessary to be a member of the S. A. F. & O. H.

By order of the president, a meeting of the executive board is hereby called for 10 o’clock Tuesday, August 15th, at the Belvedere Hotel, Baltimore, Md., H. B. DORNER, Secretary.

Urbana, Ill.

PROPOSED INTERNATIONAL EXHIBITION

The First Provisional Schedule for the International Horticultural Exhibition to take place in London, England, May 22-30, 1912, has been issued from the office of the Honorable Secretary, Edward White, of Melbourne, S. W. The exhibition will be held at the Royal Hospital, Chelsea, where about twenty acres of land have been set aside for the purpose. It is forty-four years since the last International Horticultural Exhibition was held in London.

Baltimore, Md.—Another severe hail and rain storm has caused much damage to local conservatories. A considerable quantity of glass, reset but a few weeks ago following a similar storm, was broken; hothouse plants were broken down and the beds flooded. In the fields, the farmers suffered very heavy losses; the wind and hail damaging the crops, especially bearing down corn. Fruit trees also were badly injured. It is stated that in Westminster (Md.), hailstones four inches in diameter fell.
AMERICAN GLADIOLUS SOCIETY.
Program of second annual meeting, Fifth Regiment Armory, Baltimore, Md., August 16 and 17, 1911.

Wednesday, August 16, 3:30 P. M.

Thursday, August 17, 9 A. M.

L. MERTON GAGE, Cor. Sec.

The exhibits will be staged in a room near the superintendent's office, and will be the headquarters for all the members. A desk will be furnished for those who wish to attend to their correspondence in the Armory.

It is earnestly desired that intending exhibitors make their entries as early as possible, which will greatly facilitate the work of the committee. Entries close August 12th and must be sent to the corresponding secretary, L. Merton Gage, Orange, Mass., who will furnish schedules and blank entry forms upon application.

H. YOUELL,
Chairman Exhibition Committee.

NORTHERN INDIANA FLORISTS' ASSOCIATION.
The Northern Indiana Florists' Association held their annual meeting at Windona Lake, thousands on hand, in which the high class entertainments of any similar place can be found anywhere in the country. We are unable here to mention the names of our friends to come and see for themselves. The meeting was well attended but the exhibition consisted entirely of gladioli, mostly from A. E. Kander of Goshen, originator of the new Ruffled gladioli, samples of which were on display together with a number of others which were pronounced by all to be the finest they ever saw. Henry Johnson, Kendallville, also exhibited a vase of creamy white with pink throat, such as every florist is looking for so for their retail trade.

The election was the important business of the day and resulted as follows: President, J. D. Conner; Vice-president, H. W. North; secretary, H. W. North; treasurer, A. J. Wagoner, Columbia City; directors, Simon Humfeld, Muncie; F. B. Van Meter, South Bend. These new members were added, making a total of 42.

The next meeting will be at Fort Wayne, at which time we shall hold a fall show, which we hope will be patronized by many outside growers as a liberal list of premiums will be offered. The date will be published later.

A. J. WAGONER, Secretary.

FLORISTS' CLUB OF WASHINGTON.
Wm. F. Gude will entertain the Florists' Club next Tuesday evening on the lawn at his residence. It will be "ladies' night", and the meeting will be social as well as business. The principal topic will be the question of entertaining the members of the S. A. F. who may come over from Baltimore when the convention is held in that city. The Washington florists expect to do something hospitable, but although a number of plans have been tentatively suggested, nothing definite has yet been agreed on, and it is expected that some decision will be reached Tuesday night.

F. J. DYER.

Because of the backward season the exhibition of annuals and perennials by the Lenox (Mass.), Horticultural Society has been postponed until August 10. James O. Clifton, Warren Jack and Thomas Paige are a committee for arrangements.

PERSONAL.
Richard Rolston will take charge of the new store of C. J. Friedman, 63 West Congress street, Chicago, Ill.

Louise Greenwood Stewart, daughter of Wm. J. Stewart, and Ralph Willett Messinger of Taunton were married at Winchester, Mass., on Wednesday, July 26.


Visitors in Philadelphia: Fred Cooney, Cincinnati, O.; George Caron Boyd, Wilmington, Del.; J. J. Cooney, representing Connelly & McCarthy Co., Charleston, S. C.; Coroner King, Norristown, Pa.; Chas. Ebele, Jr., New Orleans, La.; J. A. Penny, New Windsor, Pa., and Charles S. Graham, Cleveland, O.

St. Louis Florists' Picnic.
This much-talked-of picnic took place at beautiful Ramonita Park, Thursday, July 30. A committee consisting of E. W. Guy, J. J. Beneke and W. C. Smith had everything in readiness for a good day's enjoyment. The attendance was not quite as large as on previous occasions but there was a good crowd numbering about 400, the larger part of them going out in the afternoon in time for dinner. A fine band kept the young folks in good humor in the dance hall and the lake offered fine boating and fishing.

Messrs. Pilcher, Fillmore and Beneke were the regular judges and Al Gama, "Billy" Patton and F. Windler had charge of all the games, for which fine prizes were offered.

The walking match for growers only was won by John Conroy. Young ladles' race won by Miss Anna Bishof. Girl's race, 'Miss Lizzie Lowe. Boy's race, Wheeler Detgen. Ball throwing contest for men, Al Gama. Ball throwing contest for ladies, Mrs. Faerber. Fifty-yard race, for men over 50 years, J. J. Beneke. 100-yard dash for young men; a field of 15 started in this and was won by Mr. Gama. Married ladles' egg and spoon race, Mrs. Oscar Kuehn, Hop, step and jump contest, Al Gama. Tug of war, two sides of 12 men each, bounded by R. J. Windler; the ball was a long one and after tugging back and forth the rope broke and both sides hit the ground hard, the committee declaring it a draw. The prize was declared off as the retailers failed to get their team out. This, they say, will be played later in the month. The prize 701-watt lamp was won by Miss Ernesta Helwig and Frank Windler. After supper the young folks took charge of the dance and every one had a splendid time and the day will long be remembered.

Gardeners' and Florists' Club of Bos-
ton.
The annual picnic of the Gardeners' and Florists' Club of Boston took place, as scheduled, on Wednesday, July 26, at Caldonia Grove, West Roxbury, Mass. The day could not have been more delightful as to weather if made to order, and the grounds proved to be the most desirable and satisfactory which the club has ever visited. The crowd in attendance was large, and the competition on the various games and stunts was keen.


The two great events of the annual picnic are the baseball game and the tug-of-war, in each of which the commercial and private gardeners are pitted against each other. The baseball game was won by the commercial
by a very close margin. The captains were A. E. Walsh, commercial, and R. W. Curtis, private. The tug-of-war was won by the private gardeners under Captain Duncan. Finally, Wm. McDonald, the captain of the commercial bunch. The fat-men's race, always a fun provoker, was won by D. F. Roy of Marion, on a scrap, and Mr. Roy modestly man that "they ever came down the pipe."


A Chicago Outing.

It takes more than a rainy day to daunt a crowd of Chicago florists bound for a picnic. On Sunday, as the wind drooped and the sun darkened the rain fell. Notwithstanding two hundred tickets were presented and not a florist nor a florists' friend but some of them they never had a better time than at Erhard's Grove, Park Ridge, July 23, 1911. Sympathy is being freely extended to the Retailers who were defeated by the Wholesale Co., as the above stand 16 to 9. In the races the prizes were won as follows:


Mr. Gernen carried off the honor due the fat man. In the 150-yard dash open to all Joe Envert and Mr. Latting had Mr. McDonald made themselves famous as pie eaters and received respectively an order for a hat and a pocket knife.

The Cincinnati Florists' Outing.

The Cincinnati Florists held their annual outing at Coney on last Thursday. A heavy shower towards evening delayed the start, a couple of hours served to put a damper on the baseball game, but not upon the enthusiasm of the crowd. The games subsequent to the match of a single game which the bowlers with the aid of two eminent stars won.

The results of the other contests were:

Boys' ball game won by Growers' Union.
George Jr., Capt.
Boys 10 yd. dash won by Geo. Culver.
Boys' sack race won by Adolf Bender, one of the Commercial Boys.
Boys' toot dash won by Chas. Windrum.
Boys' medal race won by J. W. Eastman. 

Senior men's race won by R. Witterstaetter.

Donor of prizes: C. E. Critchell; J. M. McElvain.

Married ladies' race won by Mrs. Wihoudal.
Donor of prize: G. T. Gilbert.

Single girl's race won by Miss Marie A. Hohmester.
Donor of prize: Avondale Floral Co.
Bowling ladies' highest score—1st. Mrs. Elkind; 2nd. Mrs. Thuther; hooter, Mrs. C. Roeder.

A Detroit Outing.

The Michigan Cut Flower Exchange invites all its friends, employees of local florists, and their families, to an outing, next Monday. The party will start by boat, leaving at the Queens Park landing 10, going up the river to Peake Island, and returning at 7 p.m. This island was purchased by the local ferry company from Mr. Wm. H. Duhl, a millionaire hardware merchant, and it contains a very large summer residence and extensive farm buildings. It is well stocked with the choicest fruits of all kinds, and is slowly being converted into a pleasure ground by the ferry company. It will be the first time that a party of excursionists have foot on the island. To have some idea of the number who will accept this invitation the Michigan Cut Flower Exchange is issuing tickets free of charge.

FRANK DANZER.

New York Bowlers.

The generous offer made by F. R. Pierson of $1000 to each of the five members of the New York Bowling Club averaging the best in thirty games from April to August, will be appreciated by the winners—Louis Durell, J. Z. Psacker, L. Kasuka, Scott and Shaw, the averages ranging from 150 to 180. This is not, however, the team that will represent New York at Baltimore, Bowling by the New York Florists' Club Association continues every Friday evening. The scores last week, July 21st, were:

Kasuka 174 172 130 Scott 149 134 152
Manda 156 187 191 Shaw 147 151 196

Chicago Bowlers.

Chicago bowlers met as usual July 18 and 25. The following five were selected to represent the team at the S. A. F. convention in Baltimore. The fortunate men are J. Zeck, W. Wolf, P. Olsen, Geo. Asmus and Ed. Winters.

The MichieI ball team was again disappointing. They lost to the Maciie House in having their game with Maile's Seed House cancelled at the last moment. The manager had to hustle around for a game, and succeeded in booking the strong Chicago Electric Company team. Score: Electrics, S.; Michell, 6. After the game Miss Matie Biringer entertained the members of the commercial firm at dinner and dance at Norwood, Pa., and a very enjoyable evening was spent. Next week (July 29th), Mich- eIes cross bats with the team of Peck-nock-Meehan Company.

CHICAGO NOTES.

Ready for Opening Aug. 1st.

Everything is being rushed to completion at the building rented by the Chicago Flower Exchange Association, at 175 Michigan avenue. The ice box being built by Orr & Lockett is probably the largest built for the trade in Chicago, and costs $10,000, so constructed that they can be shut off, reducing space for the dull season. All the ice is overhead, thus giving all possible space for storage. The night lighting has been completed, and the manager, is getting out circular letters to the trade this week.

Trade Jottings.

Phil. Schup of the J. A. Budlong Co., reports the shipping house very good. Late asters here look very promising.

The Chicago Carnation Co. are cutting the best asters seen in the market this week. They are grown under glass.

Frank Beu, whose place on North 4th avenue has steadily grown in value, has now added a lot 100x175 facing on Montrose, capable of covering on the original place. This gives an excellent store site and possibilities of extending the business in that rapidly growing section.

O. J. Friedman will open his new store, known as the Western Floral Co., at 63 W. Congress street, Aug. 1st. Richard Roskin, formerly with J. F. Kidwell & Bro., will manage.

Personal.

Henry Van Gelder who has been seriously ill is again seen in the market.

Frank Ayers is in Paris, Texas, called home by the serious illness of his mother, Mrs. H. C. Lark.

Miss Ella Schaefer is missed from the stenographer's desk at Bennett & Washburn's, and will be away two weeks.

Miss Corinne Pherson, of Vaughan & Varney, has moved from Buchan- ton, Mich., and Miss Charlotte Para- dise has a leave of absence early in August.

Sir Arthur Starrett, florist of the La Salle hotel underwent an operation this week necessitated by a fall on the icy stairs going into the market two years ago.

Paul Bleck, head of the wire de- partment of the E. H. Hunt Co., is enjoy- ing a postponed vacation. Several large orders have kept the entire force at work over the summer.

MINNEAPOLIS CIVIC CELEBRATION.

The city of Minneapolis has just closed a colossal civic celebration in which the formal completion of the great public park project of uniting the waters of Lake Calhoun with Lake of the Isles was a central feature. The affair, which extended over the period of a week and upon which over $100,000 was expended for spectacular features, was not designed to be wholly entertaining but included much that was educational and inspiring.

From the beginning to the end, every feature was a success. Everything was executed with a completeness that the words "well done" could be associated with each and every event. All the prominent streets were richly adorned with elaborate decorations. On about two miles of business and one and one-half miles of residential streets floral decorations, consisting mainly of window boxes, were the chief attraction. One of the best decorations was that along the "Nicollet Court of Honor." Upon entering this court one was confronted by a continuous perspective of festooned green attached to great white pilasters in line on either side of the court. The windows of the buildings were filled with flower boxes, which in mass gave one the idea of a vertical flower garden. The composition was unique and beautiful in the daytime and at night, being brilliantly illuminated, compared with fairyland.

We show in this connection pictures depicting the type of window boxes most widely used. It will be noted that the make up is of plants of moderate cost, easy care and good staying qualities so that the show will be attractive all through the summer and people generally may be expected to follow the example thus given of the fine results obtainable from a trilling expenditure. The contents of the boxes are given as follows:

The box shown in illustration No. 1 is six feet in length, one foot wide and ten inches deep. It contains forty-two plants, namely: Two each of Dracaena indivisa, nasturtium, German ivy; four each ofaisies, Vinca minor, coleus, Begonia Vernon, sweet alyssum; eight each of "Howard's Star" petunia and S. A. Nutt geranium. Illustration No. 2 shows boxes four feet in length each containing two each of Dracaena indivisa, nasturtium and heliotrope; three coleus, four each of vina and geranium, six petunia and six lantana—twenty-nine plants in all. The nasturtiums and other vines starting from the ground will soon reach and intermingle with the box plants making a very pleasing effect.

Minneapolis, as already noted, has the making of one of the finest park systems in the world. Same consists of 3100 acres of park land and 37 miles of boulevards, and is under the management of that resourceful and tireless man who has no superior in his field of work, Theodore Wirth, superintendent. The boulevards at present extend more than half-way around the city and in the near future it is planned to make them a concentric feature, thus enabling one to reach all of the large parks by way of the boulevards. It is within these large parks that some of the greatest events of this Civic Celebration have taken place.

THE EVOLUTION AND POLLINATION OF SWEET PEAS.

Dr. A. C. Bell before the National Sweet Pea Society of America.

Evolution.

During the first one hundred years of the history of the sweet pea only three varieties or colors were known, viz., purple with blue wings, pale red with white wings (Painted Lady), and white. The black and scarlet appeared in the last years of the eighteenth century. It is quite probable that the scarlet was very far from what we conceive a scarlet sweet pea should be today. In Martin's edition of Miller's Gardener's Dictionary, 1807, we find the white, the Old Painted Lady, the New Painted Lady, the latter with a rose-colored standard and pale rose wings, Old Purple, and a variety having a violet keel and wings and purple standard. Sayers describe the scarlet sweet pea as Lathurus flore rosae, while the Painted Lady is described as "Fleshed" color. From this we
may conclude that the New Painted Lady, a rose-colored variety, was sometimes called scarlet.

The first of the striped varieties was offered in 1837 and since that date this group has been augmented until the classification now includes Striped and Plated (red and rose, purple and blue). This classification, however, does not express the real range of color in this group, for we have crimson stripes, e. g., American; red and rose stripes on white—Aurora; red and rose stripes on primrose—Jessie Cuthbertson; mauve stripes—Giacly; blue stripes—Prince Olaf, and Mester maroon-banded like Senator. The American growers have introduced the majority of the best varieties of this group among which are America, Aurora, Columbia, Day-break, Gray Frilar, Juanita, Pink Frilar, Ramona and Wawona. Many of these are now procurable in the wave form.

In 1850, Blue Edged, the probable forerunner of the pleote varieties, appeared in 1850. This was a white variety with a well-defined blue edge, a probable hybrid between L. Magellanicus and a white variety of L. odoratus. The variety of all events, was the first to exhibit a distinct blue color among sweet peas. Later it was known as Blue Hybrid, under which it won an award from the Royal Horticultural Society. Sutton & Sons sent out Butterfly in 1876, which somewhat resembled Blue Edged. The so-called "soft pink" varieties that followed were Lavender Blue, Madame Carnot or Imperial Blue, and Captain of the Blues, all of which had considerable red in the standard. It was not until 1889 that a good blue, in Navy Blue (Lord Nelson), appeared.

The first of the soft pink varieties was Crown Princess of Prussia, 1868-9. Hugh Reford, Peach Blossom, and Tovil are the best and probably are the improved varieties of this color.

The efforts of the breeders of sweet peas have not all been directed toward the development of new shades of color. Or. The form of the flower has also received attention. The earliest representations of sweet pea flowers show a loose, irregular bloom, with the edges of the standard turned back, i. e., reflexed. Often, if not always, the standard had the notch in the apex and frequently in the margin. The standard, which is the principal part of the flower, has been improved in substance and the notches have been eliminated. The old type had a narrow notch. In the improved form noted have come a "filling out" of the lower edges of the standard so that the outline approaches a circle.

In their efforts to secure varieties of the open form many beautiful hooded varieties were originated. While this form was condemned as inartistic by many sweet pea specialists, it nevertheless secured a permanent place. Prima Donna, Lovely and Countess of Radnor are of this form.

When many had reached the conclusion that no further advances in either size or form were to be expected and that the efforts of future breeders would be directed toward securing new colors and more flowers per stem, Nature demonstrated that she had other surprises in store. In 1906 Countess Spencer variety was exhibited and caused quite a sensation. The National Sweet Pea Society awarded it the highest honors. This variety was distinct from all preceding varieties, not only because of its standard and winged flowers. The flowers were very large and borne in fours on stout stems. It was introduced in 1905.

The parentage of this variety has been given as (Lovely X Triomphe 1885) x Prima Donna 1899. However, there appeared in 1905 a variety named Gaiety (Lovely x Prima Donna) of the same color, but smaller and less winged than Countess Spencer, which was a selection from Prima Donna without known crossing been effected. These varieties, however, were forerunners of the new type which revolutionized sweet pea culture in England and has revived and quickened the interest in America.

**Pollination.**

We have previously noted that the pistil and stamens are enclosed in the keel formed by the partial coalescing of the sepals. This slight pressure upon the keel will cause the pistil to suddenly appear in the tip of the keel. The stigmatic surface is usually covered with pollen, and at the same time the stamens appear to view. If the pressure is released these organs disappear as suddenly from view.

Those who are looking for flower adaptations for the promotion of cross-fertilization would say at once that here we have a mechanism which is operation when the insect alighting on the keel, and the pistil and stamens rise up striking it upon the body, receiving and giving pollen. Thus as the insect visita flower after flower, natural cross-fertilization is carried on.

This, however, is not the case. In the first place, if we examine flowers in the bud when they are not quite ripe. The position and condition of the stigma changes, for before the maturation of the pollen, the stigma is below the surface of the anthers. In the keel a position she has not so long ago been newly reorganizing. The stigma has risen to a position among the anthers and is viscid enough to hold the pollen grains.

In another day or two it has grown beyond the anthers. Self-fertilization has taken place and the development of the legume began. This process has taken place before the flower is fully open. Sometimes even before the pistil is pushed out of the protecting keel by the developing pod.

Such is the normal fertilization of sweet pea flowers, usually examined crossing of the flowers. Attention has been called to the fact that the sweet pea stood practically for one hundred and fifty years as the species of genus which it would be impossible to cross. It has never been done.

During the writer's experience in the field of sweet pea propagation I have studied varieties and recording observations, not a single instance occurred of a bee alighting upon the keel of the flower, nor were any observed crawling between the wings. All the bees observed visiting the flowers, alighted on the outside of the wings, and in practically every case, thrust the proboscis down between the right wing and the standard. In this connection it may be mentioned that the bee did not show a preference for any particular color, but seemed to go to row and color-section to color-section.

Mr. T. H. Bignall has observed that bees do not visit sweet pea flowers. The bee (a yellow and white banded species) alighted on the calyx, crawled around to a certain position, and cut a notch in the petal without the thought that it could thrust its proboscis through and suck the nectar at the base of the pod. The reason is not clear why the insect offers little reward since the structure is similar on each side.

It is to be remembered in this discussion that sweet peas grown under glass in winter are not visited by bees, but every flower in sunny weather will set seed if the blooms are not kept.

Since the introduction of the wave type there has been much discussion about the difficulty in fixing varieties and the reasons for it. Some growers, however, have scored when they have seen indications a fixed stock, discovered after sending it out, that it was not fixed. Some growers thought it only occurred when the new variety was China, California to work up a large stock of seed, or after it had passed into the hands of the California growers. One of the theories advanced to explain this was that some insect in California was responsible for some cross-pollination of flowers. In our own trials this portion has never been observed between English or American grown stock since we had seeds of novelties direct from the originators and our varieties were from the introducers. Others say that bees visit the flowers and they believe that crossing takes place in the wave type which it is maintained does not produce normal flowers in sweet peas. The writer thinks that the results obtained by the seed growers contradict the theory. It appears that if this view is correct the poor setting of the wave type can be partly attributed to the worse the fault of the flowers. Thus the varieties which seeded freely would become the flowers, but this does not occur so far as the writer has studied the records of the sweet pea breeders. The writer did not observe any pistils showing the defect mentioned, but as our season was very dry our plants did not make an excep- tional growth and thus it was difficult to express itself in abnormal flowers. However, it was observed that some varieties seeded more freely than others, and those varieties this year from seeds saved in 1910, and knowing those which were fixed last year as well as those with regularity of certain colors we think that some light may come upon this matter of cross-fertilization, if any, in the sweet pea.
THE NEW CHRYSANTHEMUMS FOR 1917.

Read Before the Morris County Gardeners' and Florists' Association, by Charles E. Turner.

Just as regular as the year rolls around, so does the chrysanthemum enthusiast, at flowering time, propound the question, "What have you that is new in mums?"

It seems to be a perpetual craving among the chrysanthemum growers, more than any other flower growers, for something different. Since I am a member of the Mums and Mums Society, I might as well here term as the Yearly Digest of new varieties, which now extends over a period of nine or ten years, we have another mummy among the world of chrysanthemums. The marvelous flowers of Mrs. David Syme, exhibited at our own show last fall, demonstrates perhaps a greater advance than any other variety, although in any color the peer of five years ago is of very average quality today. Chrysanthemums, it is true, run out more quickly whenever they show the least interest, and it would be easily outdistanced in the shows of 1917 by this year's seedlings.

The chrysanthemum today is systematized and uniform. Wherever we turn, we come to chrysanthemums. There are three or four varieties which are popular for the purpose of display and cut flowers. These are the varieties which have been experimented with during the last 25 years. They have been so extravagant, so splendidly grown, that we now come to the point where we think we have exhausted all the possibilities of the hybridizer.

There are not as many as I think they should be. Any gardener who has grown as much as I have, will realize that flowers along the drive or in clumps on the lawn, are most beautiful, and that flowers on the table, while not beautiful, are much more useful. This is the time to plant the chrysanthemum, and every one who is interested in the art of growing chrysanthemums, should plant now. Of course, we think that the best part of the year for planting is the end of October. The earlier we can plant, the better it is. It is not too early to plant now. If we plant in the fall, we will have flowers in the spring. If we plant in the spring, we will have flowers in the fall. If we plant in the fall, we will have flowers in the spring.

The chrysanthemum is a hardy plant, and it will grow in almost any soil. It is not particular as to the kind of soil it grows in, but if it is to be grown for cut flowers, it should be grown in a rich loamy soil. It is not particular as to the kind of soil it grows in, but if it is to be grown for cut flowers, it should be grown in a rich loamy soil.

There are many varieties of chrysanthemums, and they are all grown for the same purpose, which is to make flowers. They are grown for the purpose of making flowers for the table, for the garden, for the greenhouse, and for the florist. They are used for the purpose of making flowers for the table, for the garden, for the greenhouse, and for the florist. They are used for the purpose of making flowers for the table, for the garden, for the greenhouse, and for the florist. They are used for the purpose of making flowers for the table, for the garden, for the greenhouse, and for the florist. They are used for the purpose of making flowers for the table, for the garden, for the greenhouse, and for the florist. They are used for the purpose of making flowers for the table, for the garden, for the greenhouse, and for the florist. They are used for the purpose of making flowers for the table, for the garden, for the greenhouse, and for the florist.
PANSY—Bodddington's "CHALLENGE"—All Colors
This mixture contains all the finest Giant strains—of the leading Pansy Specialists in the world—the Giant self-colors, the Giant striped and margined, and the Giant blotched, etc., all carefully mixed in proportion—the finest that money can buy—the finest money can buy! A real, who has grown it said, "Why don't you call it 'Bodddington'?

PANSY SEED TIME
Choice Varieties of Giant Pansies

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt.</th>
<th>½ oz.</th>
<th>1 oz.</th>
<th>½ lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Giant &quot;Trimaroon&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant Masterpiece (Diluted Pansy)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Canary&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Marlboro&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Tiger&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Raccoon&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Siam&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Baltic&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Roosevelt&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PANSY SEED TIME
Choice Varieties of Giant Pansies

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt.</th>
<th>½ oz.</th>
<th>1 oz.</th>
<th>½ lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Giant &quot;Trimaroon&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Masterpiece&quot; (Diluted Pansy)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Canary&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Marlboro&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Tiger&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Raccoon&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Siam&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Baltic&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant &quot;Roosevelt&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This is only half true. The plant will live, but experience teaches any grower that the best way to handle these varieties is to plant out young stock every spring in new soil and they will make better plants and give far more flowers than by being allowed to remain year after year in the same position. I may also state that I am trying to bring before the public once more, the incurved varieties. They seemed to have dropped into oblivion the past six or eight years. Previous to that I have seen special classes arranged at the shows and every gardener took as much interest in his incurved varieties as he did in his large-flowering ones, and with this idea in mind I have listed this year several good and tried varieties including Cias, Blicke, Cas, Puce, Frank Triton, G. W. Matthews and Mathew Russell, and several others. There are many other varieties of Anemones, large Anemone Pansys and new Japanese Anemone Pansys that I am at present experimenting with to find out their true worth.

In conclusion, there is nothing but a cheerful prospect in view for the chrysanthemum. The number of plants sold each year by the different houses catering to this specialty is something wonderful and so long as we can keep introducing new and meritorious varieties, so long will interest be maintained and everyone benefited.

CONVENTION NEWS

Will be a leading feature in each issue of Horticulture all through August. Thousands of interested gardeners and florists will read it. If you have anything seasonable to offer ADVERTISE IT NOW and catch the cream of the trade.
BOBBINK & ATKINS
WORLD'S CHOICEST FLORIST AND NURSERY PRODUCTS.

We are growing in our greenhouses and in our 250 acre nursery a large variety of material constantly in demand by florists. Our Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

B. & A. SPECIALTIES.
PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill station is the second stop on Main Line of Erie Railroad.

Nurserymen and Florists Rutherford, N. J.

CLEAN-UP ON ROSE STOCK

1000 American Beauty plants, 4 in. at $10.00 per hundred.
500 each Brides, Maids, Richmond, Chatenay, Ivory, Queen Beatrice, Bon Silene, Pink Killarney and Golden Gate, 4 in. at $8.00 per hundred.

Grafted Stock
200 each Chatenay, Ivory, Golden Gate and Uncle John, $15.00 per hundred, 3 in. stock.

Chas. H. Totty, Madison, N. J.
American Grown Roses
Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens.

Write for Trade List.
W. & T. SMITH CO. Geneva, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK
WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS
A GENERAL ASSORTMENT OF
Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.
Our Illustrated and descriptive Catalogue for the asking.


JOHN T. WITHERS, Inc.
Landscape Architect and Forester
1 Montgomery St., JERSEY CITY, N. J.
Tree Renovation by Expert Operators. Specialist lectures on Horticulture and Arboriculture.

Box Trees
and other EVERGREENS for Tubs and Boxes
Our Prices are Always Right—Catalog Free.

THE NEW ENGLAND NURSERIES, Inc. BEDFORD, MASS.

Initiative, not precedent, makes the successful man of today. The business genius is the man who knows today what the people will want tomorrow. Initiative is made up of dreaming and action—separate these and the first becomes futility and the second labor. Initiative is what you want—do things. Let the other fellow follow. Every grower in this country who retails his products should have Cold Storage Giganteum and he should plant them soon. The wholesalers need some, too, to take care of the followers, who come tumbling after, and want flowers in the fall to supply their trade. Horseshoe Brand Giganteum are of very superior quality, planted and cultivated with the greatest of care and not dug until they are fully ripened—everything done for the good of the bulb; and now offered to you for immediate or future delivery at very reasonable prices.

Write us

Ralph M. Ward & Co.
12 West Broadway
NEW YORK CITY

Bamboo Canes, Cold Storage Giganteum, Formosas, Magnificum and Aureatum ready for delivery now or later.


Salina, Kan.—The shortage of crops in the West has caused such a drain on the cane, kaffir corn and millet seed markets in Salina as to empty them completely. As a result, it is said, it is simply impossible to buy the seed here now. Cane, millet and kaffir corn are the late crops and the farmers of western Kansas, spurred to hope by the rains that came too late to save their wheat, are planting large acreages of the feed crops. Shipment after shipment of the seed has gone West on the Union Pacific and Missouri Pacific main lines, and up the Plainville branch. Whether this shortage will work a hardship or not is not known. A number of people in this vicinity have contemplated plowing up patches of potatoes because of the failure of the crop and putting it in cane or millet, and it may be that they can not obtain the seed.—*Topoka Journal.*

**CATALOGUES RECEIVED.**

Robert Nicholson, Dallas, Tex.—Wholesale Quotations on Field Seeds.

Bertrand H. Farr, Reading, Pa.—Quality Bulbs and Plant Specialties. This is a vast pocket list, artistic cover design and excellent make-up throughout.

Advance Company, Richmond, Ind.—Illustrated descriptive list of the Advance Ventilating Apparatus and Greenhouse Fittings. A useful "Dimension Card" for top ventilation estimates is enclosed.

Hosen Waterer, Philadelphia, Pa.—1911 Bulb Catalogue. Printed on heavy coated paper and bound in dark grey covers, gold lettered, this catalogue will make a most excellent impression. It is quite comprehensive and illustrations show up well.

M. Herb, Naples, Italy.—General Catalogue of Bulbs and of Seeds for Autumn Sowing. This catalogue of sterling goods is printed, as heretofore, in English, French and German. A number of interesting seed novelties are illustrated.

Peter Henderson & Co., New York, N. Y.—1911 Midsummer Catalogue. Fresh and inspiring as ever. "New Fall Fruiting Strawberry Americans" in natural colors, makes a pretty and appropriate illustration for the front cover page. The back cover page shows half a dozen of the best strawberries for succession fruiting.

J. M. Thorburn & Co., New York City.—Wholesale Trade Price List of High-class Bulbs for Forcing and Outdoor Planting. Everybody knows Thorburn's and this reminder that they have issued a wholesale bulb list is almost superfluous. All the good sorts are listed, of course, and the prices are "bedrock." A list of pansies and other seasonable seeds is appended.

R. M. Ward & Co., New York.—"Bulb Talks." This little art pamphlet is not exactly a catalogue, although it quotes price on the militant "Horseshoe Brand" bulbs and roots and other products. It is a compendium of philosophy and unanswerable logic which we think Benjamin Franklin would have been proud to father. A streak of humor runs through it all and when you start to read it you'll stay till the finish if you're a thoroughbred. Send to 12 West Broadway, New York for a copy.

Stark Bros. Nurseries and Orchards Company, Louisiana, Mo.—"The Stark Year Book." This is without doubt the most elaborate publication in its class in this country. There are thirty-one superb full-page fruit and flower pictures in natural colors on heavy coated paper, and the typographical work, throughout, is very fine. While this is a complete descriptive catalogue, yet it is unique in that prices are not quoted on any thing. It presents in condensed form much that is valuable for the guidance of the grower of fruit or ornamental stock.
MICHELL'S
Giant Exhibition
PANSY
The "Distinctive" Florist Pansy

Gigantic in size, robust in texture, beautiful in form and gorgeous in coloring, are only a few of the descriptions we can give in this limited space.

The Giant Exhibition Pansies, seed of which I purchased of you last Fall, are now in bloom. I wish you could see them. The flowers are of the largest size and finest colors. I have grown Pansies for the last twenty years and thought I had the best, but I must say yours take the cake; they must be appreciated.

A. S. C.

$3.00 per 1/2 trade pkt.; 50c per trade pkt.; 75c per 1/4 oz.; $5.00 per oz.

We can furnish also all other strains of Pansies

Write for our Wholesale July Catalogue, just out.


Farquhar's Flower Seeds for The Florist

Write for our Wholesale Catalogue

R. & J. FARQUHAR & CO.
Boston, Mass.

Thorburn's Seeds
Asparagus Plumosus Nanus
New Crop Just Received

We offer while unsold as follows:
1,000 seeds $2.50.
5,000 seeds and up @ $2.25 per 1000
10,000 seeds and up @ 2.00 per 1000
20,000 seeds and up @ 1.75 per 1000

Cold Storage Lily of the Valley Pips
Highest Grade
Cases of 1000 pips @ $13.00 per case
Cases of 3000 pips @ 50.00 per case

J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

Burpee's Seeds
PHILADELPHIA
Blue List of Wholesale Prices mailed only to those who plant for profit.

Bridgeman's Seed Warehouse
RICKARDS BROS.
Props.
37 East 19th St., NEW YORK CITY

Choice Seeds
For Present Planting
Stocks, Asters, Chinese Primulums, etc.

THOMAS J. GREY CO.
32 South Market Street, Boston, Mass.

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas
Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.
Horticulture

Of Interest to Retail Florists

Alton, Ill.—The Alton Floral Co. is now at Second and Alby streets.

St. Louis, Mo.—Tower, Florist, has taken a new location at 2024 East Grand avenue.

Pueblo, Colo.—J. O. Zimmermann, 105 East Abriendo avenue, is succeed-
ed by D. M. McMurray.

Princeton, Ill.—The store of W. E. Trimble Greenhouse Co., on South
Main street has been closed for the season.

East St. Louis, Ill.—The flower store of Amann & Johann has been pur-
blished by Maurice F. Widener of Highland, Ill.

Detroit, Mich.—The flower store of R. O. Kohler has been purchased by
Tony Schmidt, formerly employed at Breitmeyer's greenhouses.

STEAMIER DEPARTURES

Allan.
Parisian, Boston-Glasgow. . . . . Aug. 4
American.
Philadelphia, N. Y.-Southampton...Aug. 5
Anchor.
California, N. Y.-Glasgow. . . . . Aug. 3
Atlantic Transport.
Munich, N. Y.-London. . . . . Aug. 3
Cunard.
Amsterdam, N. Y.-Liverpool. . . . Aug. 2
Corinthia, N. Y.-Nantes. . . . . Aug. 3
Hamburg-American.
HOLLAND-AMERICA.
Rotterdam, N. Y.-Rotterdam. Aug. 6
Kropjuu Wilton, N. Y.-Bremen. . . . . Aug. 1
Berlin, N. Y.-Bremen. . . . . Aug. 3
K. Wilhelm H. N. Y.-Bremen. . . . . Aug. 8
Red Star.
Kronland, N. Y.-Antwerp. . . . . Aug. 3
White Star.
Celtic, N. Y.-Liverpool. . . . . Aug. 5
Maestria, N. Y.-Southampton. . . . . Aug. 2
K. Vyrora, Boston-Liverpool. . . . . Aug. 1

Seattle, Wash.—Edward Thomas, florist, 1831 S. Seventh avenue, was
held up and robbed by a pair of high-
waymen the night of July 11. They
stepped from the shadow of a porch
and at the point of revolvers searched
his pockets. When released he im-
mediately notified the police but the
bandits could not be found.

Boston, Mass.—The Rosary, 214
Clarendon street, J. J. Casey, propri-
ator, will move on September first to
519 Boylston street. The new store
faces Copley Square near the Library,
Trinity Church and several large fash-
onable hotels and should prove an
exceptionally favorable location. A
new front to cost $1,000 is being con-
structed and this, with interior alter-
ations and improvements, will make it
eone of the finest stores in this section
of the city.

Amoy, China.—The Pacific Mail
Steamer on July 15 took as part of her
cargo 220 tons of narcisus bulbs for
the American market. This is the
first shipment of its kind from this port,
it is said.

Alex. McConnell

571 Fifth Avenue
New York City

Telegraphic orders forwarded to any
part of the United States, Canada, and
all principal cities of Europe. Orders
transferred or intrusted by the trade
for our attention.

Telephone Calls, 487 and 488 Murray Hill

New York

Orders for Steamer, Theatre, Hotel, or
Residence Carefully Filled.

Wm. H. Long

412 Columbus Ave.
New York

David Clarke's Sons

Deliver orders from any part of the country to
New York City

Or Out-Going Steamers

Wres or telegraph

2139-2141 Broadway, New York
Telephone 1550-1555 Columbus

Established 1874.

Dards

Florist

N. E. Cor. 44 St. & Madison Avenue, N. Y. City

Flowers shipped on all Steamers. Special Correspond-
ence in all large cities of Europe and the British
Colonies. Telegraph and Cable Address, Dardapier

Young & Nugent

42 West 28 St., New York

"Flowers by Telegraph"

Flower Deliveries

In Brooklyn and other Long Island Points, New York City, New Jersey, etc. At
Theatres, Hotels, Steamers or Residences.

Wilson

Fulton St. and Greene Ave., Brooklyn, N. Y.

Matthews

The Florist

Dayton, Ohio.

In elegantly equipped to take care properly
of all orders for flowers entrusted to him night or day.

For Dayton, Ohio and Vicinity

"The Home of Flowers"

The largest cut flower store in America.

Orders for the TWINS CITIES sent to all North-Western points given prompt at-
tention.

Holm & Olson, Incorpo-
rated

St. Paul, Minn.

Boston's Best

In Quality and Design

Can be relied upon when you transfer your
retail orders to

Edward MacMulkin

194 Boylston Street, Boston

Louisville, Ky.

Jacob Schulz

550 South Fourth Ave.
IN MID-SUMMER

Yes, it is now mid-summer. For a few weeks to come you will have to be wide-awake to catch the little chunks of business that occasionally materialize in this low-tide period.

LET US HELP YOU

Whether mid-summer or any other season we are always "on our job" and can give you more and better goods than you can get for your money anywhere else. Our H. Bayersdorfer's novelty purchases in Europe this summer are beginning to arrive. "Are you on?" Write us a line and we'll send you a list. At same time try a few of our Preserved Natural Ferns, Magnolia and Ceyca Leaves, etc. They never wilt. Once tried always wanted.

H. BAYERSDORFER & CO.,
1129 ARCH STREET,
PHILADELPHIA, PA.

A DETROIT BANQUET DECORA-
TION.

The accompanying illustration shows a most unusual treatment of a large banquet table which will no doubt interest those of our readers who are called upon from time to time for work of this character. In reply to our inquiry as to details of the design and its execution, Albert Pech-
ken, of the 1. Bomb Floral Co., who carried out the work, responded as follows:

The table for this banquet was set for 12 plates in an oval shape through the conversion hall of our largest hotel. The question came up how to decorate the in-
side space of same, which was 15x6, or 15x2 square feet. I suggested to lay out a miniature park depicting it in the inside la-
table edge 2 ft. x in down to the level of the floor, using an electric fountain with 36 sprays of water. This fountain was set in an oval pond 6x10 ft. and 3 in. high filled with all kinds of white and colored water foliages and plants. Around this pond was a square-shaped outline made up track with six small automobiles running around it.

The table was illuminated with six tall-shape electric lamps thoroughly insulated to prevent short circuit or blowing out fuses. The rest was laid out in a park with all roads leading either to an entrance

"FLOWERS BY TELEGRAPH."
Leading Retail Florists Listed by
Towns for Ready Reference.

Albany, N. Y.—H. G. Eyres, 11 N. Pearl St.

American, N. Y.—Hatcher.

Boston—Thos. F. Galvin, 124 Tremont St.

Boston—Edw. MacMillin, 1 Brightho

Boston—Julius A. Zinn, 1 Park St.

Brooklyn, N. Y.—Robert G. Wilson, Ful-

Buffalo, N. Y.—Palmer's 304 Main St.

Chicago—John J. Smyth, Michigan


Detroit, Mich.—J. Breitmeier Sons.

Kansas City, Mo.—Samuel Murray, 92

KANSAS CITY, MO.

Norwich, Conn.—J. E. Loomis.

New York—David Clarke's Sons.

New York—David Clarke's Sons.

New York—H. C. L. Loomis.


New York—Younoung & Nugent.

New York—J. H. Dunlop.

Philadelphia, Pa.—By raising the

skylight to the level of the roof, H. Bayersdorfer & Co. have been able to add considerably to their floor space. This will give them added facilities for the display of stock.

July 25, 1911
DAGGER FERNS
Extra Good Quality, $1.50 per 1000
Good Stock, Smaller, $1.00 per 1000
These Ferns are the best we ever handled during the summer. We can quote you a special price in case lots.
Our list of FIELD GROWN CARNATION PLANTS is ready now. We will mail it to you for the asking.

The Leo Niessen Co.
1209 Arch Street, - PHILADELPHIA, PA.

THE BEST LETTERS
FOR THOSE
USE THE
Boston Florist Letter Co
66 Pearl St., Boston
X. P. McCarthy, Mgr.
Order direct or buy from your local supply dealer. Insist on having the
Boston Inscriptions, Emblems, etc. Always in stock.

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.
PETER REINBERG
WHOLESALE CUT FLOWERS
37 Randolph St., Chicago, Ill.
POEHLMANN BROS. CO.
33-36-37 Randolph St., - CHICAGO

CUT FLOWERS
Greenhouses, - Morton Grove, Ill.
George B. Hart
WHOLESALE FLORIST
24 Stone St., Rochester, N.Y.
The J. M. McCullough's Sons Co.

WELCH BROS.
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR
ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED -
226 Devonshire Street,
Boston, Mass.

WHOLESALE FLOWER MARKETS - TRADE PRICES - Per 100
TO DEALERS ONLY

ROSES

BOSTON CHICAGO ST. LOUIS PHILA.
July 25 July 25 July 25 July 25

Arm. Beauty, Fancy and Specials. 12.00 12.00 10.00 10.00 8.00
" Extra " 10.00 10.00 8.00 8.00 6.00
" No. " 8.00 8.00 6.00 6.00 5.00
Low Grades 6.00 6.00 5.00 5.00 4.00
Richmond Champion, Fancy & Spl. 6.00 6.00 5.00 5.00 4.00
" Low Grades 4.00 4.00 3.00 3.00 2.00
Killarney, Maryland, Fancy & Spl. 4.00 4.00 3.00 3.00 2.00
" Low Grades 2.00 2.00 1.50 1.50 1.00
Bridge, 'Med. 3.00 3.00 2.50 2.50 2.00
Kehler's, Cares. 2.50 2.50 2.00 2.00 1.50
CARNATIONS, Fine Quality -
Regular 1.50 1.50 1.00 1.00 0.75
Ordinary 0.50 0.50 0.30 0.30 0.25

MISCELLANEOUS

Cattleyas. 10.00 10.00 8.00 8.00 6.00
Lilies, Longiflorum. 5.00 5.00 3.50 3.50 3.00
Lily of the Valley. 3.00 3.00 2.50 2.50 2.00
Gladiolus 1.00 1.00 0.75 0.75 0.60
Stocks 1.00 1.00 0.75 0.75 0.60
Asters 1.00 1.00 0.75 0.75 0.60
Dahlias 1.00 1.00 0.75 0.75 0.60
Snapdragons 0.50 0.50 0.40 0.40 0.30
Sweet Peas 0.25 0.25 0.20 0.20 0.15
Gardenias 3.00 3.00 2.50 2.50 2.00
Adenium 3.00 3.00 2.50 2.50 2.00
Snailax 3.00 3.00 2.50 2.50 2.00
Asparagus Plumosus, strings (100) 0.50 0.50 0.40 0.40 0.30
* & Sperm. (100 bch) 0.25 0.25 0.20 0.20 0.15

J.A. BUDLONG
82-84-86 E. Randolph St., Chicago
OUR STOCK IS A-I AND IT IS QUALITY NOT PRICES THAT TALKS

HENRY M. ROBINSON & CO.
15 Province St., 9 Chapman Pl., BOSTON, MASS.
Everything in Flowers
Complete Stock of Florists' Greens,
Three Floors of Florists' Supplies.

TRY MY PRICES.
J. JANSKY, 19 Province St., Boston, Mass.
Manufacturer of Florist Wire Designs,
All Kinds of Florist Supplies.

OBITUARY.
David Kalisher
David Kalisher, representative for Lion & Co. ribbon specialists of New York, died suddenly on July 11. He was well known through the central west. A widow survives him.

Philip Koch
Philip Koch, for many years associated with his father in the flower business on Liberty avenue, Pittsburgh, Pa., died at his home, 146 Carver street, recently. He was thirty-eight years of age.
Flower Market Reports.

A few cool nights this BOSTON week have had the effect of shortening up the supply, but not much influence yet in improving the quality of stock coming in. Roses are from young plants mostly and the buds and stems are of the pea-tree order. Beauty roses are in fair demand and normal supply. Carnations are very poor—hardly worth making mention of them. Asters are on the increase. The quality is not bad considering the condition of the blooms, although small, show that they are mostly of the better types and not the little runts that in years past composed most of the early shipments. Lily of the valley is in light demand but some of it is superb in all respects and well worthy of the top price. Lilies of good quality are in fair supply and excellent demand. Gardenias are again in sight and will be obtainable regularly throughout the balance of the season.

BUFFALO shows no change in the market conditions from previous weeks, stock a little on the scarce side, and at times certain material hard to get. Asters and gladiiolus are just coming on, but no large quantities are had as yet. The demand has been good on roses though Beauties have not moved as fast as wished for. Killarney and other roses have been fairly good, and sold very satisfactorily. There are fine lilies in the market, also lily of the valley, but the latter are not over plentiful. Corn flowers and a few other garden flowers are about the only thing received, and have sold very well.

CHICAGO conditions have not changed in the Chicago cut flower market for the past week except possibly in degree. The scarcity of good stock at this season is not unusual but it is more scarce than in other years. A fair temperature has taken a decided drop, and for the past two weeks stock along all lines has been greatly invigorated but no increase in quantity. This is especially noticeable in roses and some very fair summer stock is now on the counters. The general tendency is to dispose of all stock each day; only a small amount, if any, is left over. Shippings are very lively showing the scarcity of flowers to be general. Asters are coming in this week much more freely, and many of them are good for the first of the season. Stems are now reaching from eighteen to twenty inches. Prospects are for a good gladiolus season. The market has this flower in all sizes and colors. Beauties are gaining each week. Lilies of several kinds; lily of the valley, gypsofila and a few sweet peas all tend to help out the summer supply.

CINCINNATI to be taking their own sweet time about coming into the market this season. Where other shippers are at this time thinking of the supply of asters and gladiiolus was easily adequate or more than adequate, this year they are just beginning to arrive in any quantity at all. On Tuesday of this week the first large shipments of asters came in. The prices on all stock is holding up in a way that must be most gratifying to the growers. Roses are now too plentiful and clean up very readily. Longiflorum lilies, auratums and rubrums sell well and are always offered in more or less quantity. Considerable feverfew and hardy hydrangeas are also being utilized. As a whole the market is far short of the amount of cut flowers it might use at the time of the present writing. The green goods market is ample.

For the early varieties, good sized flowers with long stems, splendid quality: pinks, purples and whites. Orders of any size can be taken care of on short notice, our growers cutting in large quantities, which reach us daily about 8 a.m.

$1.00 to $2.00 per hundred
Extra choice $3.00 per hundred

NOTE:

This has been a trying season for Asters. Our growers have been particularly fortunate, and our qualities are therefor, above the average. The best values going! We take no credit for this. It is Fate.

S. S. PENNOCK-MEEHAN CO.
THE WHOLESALE
FLORISTS OF
PHILADELPHIA

NEW YORK
109 W. 26th Street
1608-1620 Ludlow Street
2121 New York Ave.

PHILADELPHIA
WASHINGTON

WHOLESALE FLOWER MARKETS.—TRADE PRICES—Per 100 TO DEALERS ONLY

<table>
<thead>
<tr>
<th>ROSES</th>
<th>CINCINNATI (July 25)</th>
<th>DETROIT (July 25)</th>
<th>BUFFALO (July 25)</th>
<th>PITTSBURG (July 25)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Am. Beauty, Fan. &amp; Sp.</td>
<td>12.00</td>
<td>12.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>'' Extra</td>
<td>15.00</td>
<td>15.00</td>
<td>13.00</td>
<td>13.00</td>
</tr>
<tr>
<td>'' No.1</td>
<td>10.00</td>
<td>10.00</td>
<td>8.00</td>
<td>8.00</td>
</tr>
<tr>
<td>Richmond, Chrysanth., Fan. &amp; Sp.</td>
<td>5.00</td>
<td>5.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fan. &amp; Sp.</td>
<td>3.00</td>
<td>3.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Bride, Maid</td>
<td>3.00</td>
<td>3.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Esterlin, Carrot</td>
<td>3.00</td>
<td>3.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>CARNATIONS, First Quality</td>
<td>3.00</td>
<td>3.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>'' Ordinary</td>
<td>3.00</td>
<td>3.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
</tbody>
</table>

| MISCHELLEINNIS | | | | |
| Cutleyas | to | to | to | to |
| Lilies, Longiforum | to | to | to | to |
| Lily of the Valley | 3.00 | 3.00 | 2.00 | 2.00 |
| Gladioli | 3.00 | 3.00 | 2.00 | 2.00 |
| Stocks | 3.00 | 3.00 | 2.00 | 2.00 |
| Asters | 3.00 | 3.00 | 2.00 | 2.00 |
| Dianthus | 3.00 | 3.00 | 2.00 | 2.00 |
| Snapdragons | 3.00 | 3.00 | 2.00 | 2.00 |
| Sweet Peas | 3.00 | 3.00 | 2.00 | 2.00 |
| Gardenias | 3.00 | 3.00 | 2.00 | 2.00 |
| Adenium | 3.00 | 3.00 | 2.00 | 2.00 |
| Scillas | 12.50 | 12.50 | 10.00 | 10.00 |
| Asparagus Flavus, strings (100) | 25.00 | 25.00 | 25.00 | 25.00 |

Conditions here are about normal. The rain which appeared a week ago was of too short a duration to be of any account, still we had a nice cool week which was somewhat refreshing to out-of-door crops. The present high wind is annuling the benefits of several heavy showers. Sev-

(Continued on page 17)
HORTICULTURE

P. J. SMITH
Successor to JOHN F. O'NEILL
Wholesale Commission Florist
SELLING AGENT FOR
LARGEST GROWERS
A full line of Choice Cut Flower Stock for all purposes. The HOME OF THE LILY
by the 100, 1000 or 10,000

TEL. 1998 MADISON SQUARE
49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—3532-3533 Madison Square

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY ORIENTAL LILIES ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, Inc., 265 West 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th>Grade</th>
<th>First Half of Week ending July 22</th>
<th>First Half of Week beginning July 24</th>
</tr>
</thead>
<tbody>
<tr>
<td>American</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beauty</td>
<td>8.00 to 10.00</td>
<td>10.00 to 12.00</td>
</tr>
<tr>
<td>Fancy</td>
<td>7.00 to 9.00</td>
<td>9.00 to 11.00</td>
</tr>
<tr>
<td>Special</td>
<td>6.00 to 8.00</td>
<td>8.00 to 10.00</td>
</tr>
<tr>
<td>Extra</td>
<td>5.00 to 7.00</td>
<td>7.00 to 9.00</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>4.00 to 6.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>Choice</td>
<td>3.00 to 5.00</td>
<td>5.00 to 7.00</td>
</tr>
<tr>
<td>No. 1</td>
<td>2.00 to 4.00</td>
<td>4.00 to 6.00</td>
</tr>
<tr>
<td>No. 2</td>
<td>1.50 to 3.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>No. 3</td>
<td>1.00 to 2.50</td>
<td>2.00 to 3.50</td>
</tr>
<tr>
<td>No. 4</td>
<td>0.50 to 1.50</td>
<td>1.50 to 2.50</td>
</tr>
<tr>
<td>No. 5</td>
<td>0.25 to 1.00</td>
<td>1.00 to 2.00</td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephone — 1604 Madison Square
CONSIGNMENTS SOLICITED

SIEBRECHT & SIEBRECHT
Wholesale Florists
136 W. 28th St., New York City

Frank H. Traendly
Charles Schrock
TRANDLHY & SCHENCK
Wholesale Florists
131 West 28th St., New York
Telephones: 798 and 799 Madison Square
Consignments Solicited

CENTRALLY LOCATED, THE HUB OF THE FLOWER MARKET SECTION
CHARLES MILLANG
Wholesale Florist
55 & 57 W. 26 St., New York
Telephone 7002 Madison

Wired Toothpicks
 Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000... $1.75 50,000...$7.25 Sample tree
For sale by dealers

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers
54 West 29th St., New York
Prompt Payment. Telephone 3559 Madison S
FRANK MILLANG
Wholesale Florist
55-57 West 26th St., New York
Shipments, any quantity, Wholesale Market Rates.

ROBERT J. DYSAIT
Public Accountant and Auditor
Simple methods of correct accounting especially adapted for florists' use.
Books Balanced and Adjusted
Merchant Bank Building
28 STATE ST. BOSTON
Telephone, Main 55.
Flowers Market Reports (Continued from page 157) Several interesting business contacts with wholesale growers confirm the writer’s previous prophecy that next winter will see a greater scarcity in carnations than last winter. The plants being housed when having a given, the extra-cuts the crown than a year ago and we all know what this means. Those who had a perfect water system in their fields but most of its good through the extreme heat.

NEW YORK Business shows little change from last week—a decrease, if anything. On the other hand, the supply of roses is probably at its minimum. Carnations are out of the running, but aster shipments are steady and forward. The supply of these is already, for the most part, though some good flowers are seen. Queen of the Market is the prevailing variety. Lilies are more plentiful, a better supply being in prospect. Gladiolus are not showing up well; there are more poor flowers than good ones. The lily of the valley situation is easier as there seems to be a halt in the demand. Quotations on orchids remain unchanged. There is little call for mim-

PHILADELPHIA Considering that this is the gold old summer time last week's business was fully equal to, if not above, the average of former years, and the prices realized for the stock received were in the main as good as could have been expected, if not better. Asters and gladiolus are now leading features in the market. Both items meet with a ready sale. Our opinion is that asters as a rule do not compare favorably with last year, as yet, the dry weather early in the year, and the unusual season, has enabled some to get a great set back. There is, however, one of our markets a conspicuous except- on to this, for some reason. There they are very good, but no particulars are forthcoming to account for the phenomenon. Climatic condition; Irrigation; or something—perhaps. But in a week or so we shall have the finer mid-season, and then the out- look will be for 'some class' in the aster market. Gladiolus are fine and selling well. There is not much to be said about the market. Beauties sold up pretty well and they may be said to be about the only variety that makes anything like a show for the money. Maryland is the best sellers among the pinks. Bridges have come back, very nicely and are now something worth looking at. Carnations are on their last legs. Orchids and lily of the valley both good. Enough for the demand. Tiger lilies, also seciosorus rubrum and album are welcome new arrivals. Longiflorums are in excellent demand and prices have jumped quite a little. Too many plumsous, adian- tums and other greens around—as is usual at this time of year.

ST. LOUIS The market was anything but good all of last week. Stock that is coming in now is not good but still the wholesalers are asking good prices. The best sellers are gladiolus and it looks as though the market will be crowded with all varieties before the end of the week. Carnations are very few and poor. Everything else is plentiful except mim-lace, for which there was an extra good demand all of last week. The weather is still warm and the dry spell is playing havoc with all plants in the fields.

WASHINGTON Business is decided- ly dull. The slack- ness of trade is being utilized to redress show windows and do other things which are neg- lected during the busy season. At Gade's floral store a very attractive rockwork fountain has been con- structed in the center of the store, with an arrangement which permits of throwing on colored lights from be-neath the fountain. This electric fountain will be a feature of the establisment for some months at least. Stock is scarce and prices but indifferent. All outdoor stuff has suffered from the dry weather, and although there have been showers re- cently, it is doubted whether they have come in time to do much good.

PUBLICATIONS RECEIVED

Maryland State Horticultural So- ciety. Report of Summer Meeting held in Baltimore, Md., July 29, 1910, and Thirteenth Annual Meeting held in Fifth Regiment Armory, Baltimore, December 1-2, 1910. This report starts off with a portrait of R. Vincent, Jr., president for 1910, and there are several full page illustrations of exhibits, etc. Secretary T. B. Symons has given us a very instructive and readable vol- ume and from it we are convinced that the Maryland State Society is doing a good and practical work.

City of Boston; Department of Parks. 35th Annual Report of the Board of Commissioners for the year ending January 31, 1911. The contents of this volume are, as usual, interesting. The general report of the Commissioners to the Mayor of Boston is the first chapter and then follows the report of Superintendent Pettingill of the Commissioners. Details of location, area and equipment of parks and play-grounds, expenditures, income, horti- cultural, statistics, etc., are given, and then comes the report of Osmund Brothers, a comprehensive document occupying 51 out of the 95 pages com- prised in the volume, recounting the details from a personal investigation of the Boston parks and submitting com- ments and suggestions on matters of design connected therewith.

Superintendent Pettigrew's report is mainly statistical but it describes with characteristic enthusiasm the establishment of a herbaceous or "Grandmother's" garden in Franklin Park a year and a picture from this feature is inserted. Three elaborate plans of the proposed zoological gardens are bound in the book.

National Chrysanthemum Society (England), schedule of prices, list of members, etc., for 1911, including also the annual report and financial state- ment for 1910.

This Society has published an interesting book on the Culture and Ex- hibition of Large Chrysanthemum Blooms, report of the proceedings at a conference held on December 5, 1910, etc. A portrait of Sir Albert Kaye Rollit, President of the Society, appears as a frontispiece.
BOUQUARDIAS
15,000 Bourvardias. Good strong 24 in. pink, white and a few red, $2.50 per 100; $25.00 per 1000. Cash please. Morel Bros., 622 Market St., Scranton, Pa.

BOXYWOOD
Boxwood for 3-in. pots, 50, $20.00, 250, $25.00, $10.00, per 100. Pyramids in tubs, very fine, $3.00, $4.00, $6.00 a pair. A. Schoenfeld, College Point, Queensborough, N. Y.

BOXYWOOD TREES
Bobbie & Atkins, Rutherford, N. J. For page see List of Advertisers.
A. Leuthy & Co., Roslindale, Mass. For page see List of Advertisers.
Julius Reochs Co., Rutherford, N. J. Box Trees all sizes. Ask for special list.

BULBS AND TUBERS
Joseph Brock & Sons, 47-54 N. Market St., Boston. For page see List of Advertisers.
J. M. Thorburn & Co., 33 Barclay St., N. Y. For page see List of Advertisers.
James Vick's Sons, Rochester, N. Y. For page see List of Advertisers.
Loochner & Co., New York, N. Y. For page see List of Advertisers.
John Lewis Childs, Flowerfield, L. I. Spring Bulbs. For page see List of Advertisers.
The W. W. Barnard Co., Chicago, Ill. Import Bulb List. For page see List of Advertisers.
Fittler, Fiske, Rawson Co., Roston, Mass. For page see List of Advertisers.
E. S. Miller, Wading River, N. Y. Bulbs and Roots for Full Planting. For page see List of Advertisers.

CARNATION STAPLE
Plimbury's Carnation Staple, 50c. per 1000 postpaid. L. Plimbury, Caledonia, III.

CHRYSANTHEMUMS
Wood Bros., Franklil, N. Y. For page see List of Advertisers.
Eimer D. Smith, Adrian, Mich. For page see List of Advertisers.
Herrington's book on the Chrysanthemum mailed to your address for 50c., by Horticultural Publishing Co., 21 Hamilton Place, Boston.

CHRYSANTHEMUMS—Continued
Chrysanthemums, rooted cuttings, Monrovia, Polly Rose, etc., 24 in. pots, 25c. a pair; 12 in. pots, $1.00 a pair. Var. 4 in. pots, fine full plants, $12.00 per 100; 114 English & Specials per 100. Chas. Lenker, Freeport, L. I., N. Y.

CHRYSANTHEMUMS, rooted cuttings, R. Hallday, Amoeba, Ivory, Yellow Jones, Marie Bailey, Y. Bonafon, Rostier, Polly Rose, $10.00 per 100. Cash please. Hill & Hammen, 33 Retail Road, Baltimore, Md.

COCAO FIBRE SOIL
20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

COLEUS
R. Vincent, Jr. & Sons Co., White Marsh, Md.
For page see List of Advertisers.

CUT FLOWER BOXES
Edwards Folding Box Co., Philadelphia. For page see List of Advertisers.

CYCLAMEN
Cyclamen—Best Varieties in different colors, 3 in. pots, fine full plants, 50c. per 100; $8.00 per 1000. Julius Reochs Company, Rutherford, N. J.
Dahlia Herbet, Acto, N. J. For page see List of Advertisers.

R. Vincent, Jr. & Sons Co., White Marsh, Md.

For page see List of Advertisers.

Dahlia—2500 seed clumps, latest varieties, cheap for cash; or what have you to exchange? Geo. H. Walker, Dahlia Experts, North Easton, Mass.

Dahlia, divided roots, from 1 to 3 eyes to the piece. Send for list and get the latest varieties at low cost. LOTHROP, Boston Dahlia Farm, E. Bridgewater, Mass.

Dahlia New for 1914.


DECORATIVE PLANTS


For page see List of Advertisers.


For page see List of Advertisers.

John Scott, Brooklyn, N. Y.

For page see List of Advertisers.

DECRAANNAS

Decrana Indivisa, 3 feet high and over, 5' and 6' to 6½' in pots, in perfect condition, for only $2.50 per 100.

A. Schultehs, College Point, Queenshopy, N. Y.

EVERGREENS

New England Nurseries, Bedford, Mass. For page see List of Advertisers.

Bobblin & Atkins, Rutherford, N. J.

For page see List of Advertisers.

FERNS


For page see List of Advertisers.


For page see List of Advertisers.

John Scott, Brooklyn, N. Y.

For page see List of Advertisers.

Frank Oechslin, 4011 Quincy Street, Chicago.

Ferns for Dishes.

For page see List of Advertisers.


For page see List of Advertisers.

F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

For page see List of Advertisers.

Bostons, extra large, 6-inch, $6.00 per dozen.

Edw. Dodge, 4544 S. Springfield Ave., Chicago, Ill.


FERTILIZERS


For page see List of Advertisers.

Fermented Manure, 34 & 54 Main St., Zanesville, Ohio.

Wizard Brand Cotton Manure.

For page see List of Advertisers.

Hardwood ashes, best fertilizer on earth for fields and gardens. George Stevens, Petersburgh, Ont., Canada.

FLORISTS' ENCYCLOPEDIA FREE

M. Rice & Co., 4448 S. 9th St., Chicago.

For page see List of Advertisers.

FLORISTS' LETTERS

Boston Florist Letter, Co., 66 Pearl St., Boston, Mass.

For page see List of Advertisers.

FLORISTS' SUPPLIES

N. F. McCarthy & Co., 61 Haywely St., Boston.

For page see List of Advertisers.

FLORISTS' SUPPLIES—Continued

H. M. Robinson & Co., 15 Prince St. and 22d St., New York.

For page see List of Advertisers.


For page see List of Advertisers.

Reed & Keilley, 304 W. 16th St., Chicago.

For page see List of Advertisers.

H. Bayersdorfer & Co., 1229 Arch St., Philadelphia.

For page see List of Advertisers.


For page see List of Advertisers.

FLOWER POTS

W. H. Erne, 13th and M Sts., Washington, D. C.

For page see List of Advertisers.


For page see List of Advertisers.

Hildgen Bros., Ft. Edward, N. Y.

For page see List of Advertisers.

Syracuse Pottery Co., Syracuse, N. Y.

For page see List of Advertisers.

Peters & Reed Pottery Co., Zanesville, Ohio.

For page see List of Advertisers.

FOR-GET-ME-NOTS

For Get Me Not, Victoria and Royal Blue, nice large plants from seed bed, 50c. per box. 25c. per 10. Frank W. Snyder Co., 1255 Burnett St., Providence, R. 1.

FRUIT TREES

Dwarf Fruit Trees, by F. A. Waugh, mailed to your address for 25c per copy.

Horticulture Publishing Co., 11 Hamilton Place, Boston.

FREESSAIAS.

Wm. Elliott & Sons, New York, N. Y.

GALAX


For page see List of Advertisers.

Kervan Co., New York.

For page see List of Advertisers.

H. M. Robinson & Co., 15 Prince St.

For page see List of Advertisers.

GERANIUMS

R. Vincent, Jr. & Sons Co., White Marsh, Maryland.

For page see List of Advertisers.

Geraniums, our selections, 4 in., $7.00 per 100; 3 in., $4.00 per 100. 22d St. $18.50 per 1000. More than 100 varieties. See Geranium catalogue. A. D. Root, Wooster, O.

GLASS

Boston Plate & Window Glass Co., Boston.

For page see List of Advertisers.

Standard Plate Glass Co., 28-30 Sudbury St., Boston.

For page see List of Advertisers.


For page see List of Advertisers.


For page see List of Advertisers.

Parshley Bros., 200 Liberty Ave., Brooklyn, N. Y.

For page see List of Advertisers.

Metropolitan Mfg. Co., 29-40 Metropolitan Ave., Brooklyn, N. Y.

For page see List of Advertisers.

Graffino glass to suit all parts of the country.

Johnston Glass Co., Hartford City, Ind.

GLAZING POINTS


Freehand Glazing Point.

For page see List of Advertisers.

GOULD FISH

Gold fish, aquaria, aquariums, tanks, canaries, globes, aquarium, fish foods, etc. Wholesale—Franklin Barrett, breeder, 1415 D St., Philadelphia, Pa. Large breeding pairs for sale. Send for price lists.

GREENHOUSE BUILDING MATERIAL


For page see List of Advertisers.

King Construction Co., N. Tonawanda, N. Y.

For page see List of Advertisers.

J. C. Montague Co., 117 East Blackhawk St., Chicago, Ill.

For page see List of Advertisers.


For page see List of Advertisers.

Peky Cypress, 2500 for $9.00.

For page see List of Advertisers.

S. Jacobs & Sons, 1353-55 Flushing Ave., Brooklyn, N. Y.

Lord & Parsons Co., 1135 Broadway, New York.

For page see List of Advertisers.

GREENHOUSE CONSTRUCTION


For page see List of Advertisers.

King Construction Co., N. Tonawanda, N. Y.

For page see List of Advertisers.


For page see List of Advertisers.

Hitchings & Co., 1175 Broadway, N. Y.

For page see List of Advertisers.

Lord & Burnham, 1133 Broadway, New York.

For page see List of Advertisers.


For page see List of Advertisers.

Wm. H. Lutzon, Jersey City, N. J.

GUTTERS

King Construction Co., N. Tonawanda, N. Y.

For page see List of Advertisers.

HAIL INSURANCE

Florists' Hall, New York, America.

J. G. Esten, Saddle River, N. J.

For page see List of Advertisers.

HARDY FERNS AND SUPPLIES


For page see List of Advertisers.

Michigan Cut Flower Exchange, 28 and 40 Broadway, Detroit, Mich.

For page see List of Advertisers.

The Kervan Co., New York.

For page see List of Advertisers.

J. J. Sands, Boston, Mass.

For page see List of Advertisers.

HEATING APPARATUS

Kroeschell Bros., 460 State St., Chicago.

For page see List of Advertisers.


For page see List of Advertisers.

HERBACEOUS PLANTS

P. Ouwerkerk, P. O. No. 1, Hoehken, N. J.

For page see List of Advertisers.


For page see List of Advertisers.

Bob Pink & Atkins, Rutherford, N. J.

For page see List of Advertisers.

HOSE


HOT-RED SASH


For page see List of Advertisers.

For page see List of Advertisers.

Parshley Bros., Brooklyn, N. Y.

For page see List of Advertisers.

Lord & Burnham Co., 1133 Broadway, N. Y.

For page see List of Advertisers.

HYDRANGEAS

F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

For page see List of Advertisers.

The true blue French Hydrangeas from $5 to $10 in pots, some blue, from 3 to 15 branches. $0.00 per dozen. Best selected plants, $2.00 per dozen. Cash please. A. Schultehs, College Point, Queenshopy, N. Y.
HORTICULTURE

INSECTICIDES
Hammond's Paint and Sing Shot Works, Fallkill-on-Hudson, N. Y. SF


For page see List of advertisers.


For page see List of advertisers.

Nicotian kills all greenhouse pests. P. R. Palethorpe Co., Owensboro, Ky. For page see List of advertisers.


Aphile Manufacturing Co., Madison, N. J. For page see List of advertisers.

B. M. Hunt, Chicago, Ill. For page see List of advertisers.

Wilson Plant Oil and Fertilizer Co., New York, N. Y. Wilson Plant Oil. For page see List of advertisers.

Acme Nicotine Insecticides sold direct to the grower. Acme 45 per cent. Liquid, pint $1.25; gallon $12.50. Acme Formulating Paper, case of 200 sheets $5.50. Sample can of 24 sheets 60 cents, postpaid. J. F. Reemkema, 9 Washington Ave., St. Louis, Mo.

GYPSY MOTH CREOSOTE
The original Gypsy Moth Creosote, made especially for the Gypsy Moth Com.


JAPANESE LILIES
Loochner & Co., New York, N. Y. For page see List of advertisers.

KENTIA
Bobblin & Atkins, Rutherford, N. J. For page see List of advertisers.

A. Leuty & Co., Keislandale, Mass. For page see List of advertisers.

Kenia Helmercums from 2½-in. pots, 3 leaves, $6.00 per 100; $5.00 per 1000. Cash or satisfactory references with order. E. Soltan Fernery.

100 Grant Ave., Jersey City, N. J.

LANDSCAPE GARDENING COURSE.
Home Correspondence School, Springfield, Mass., Dept. S. For page see List of advertisers.

LILIES FROM CHINA

LILIUM HARRISH
F. R. Piersen Co., Tarrytown-on-Hudson, N. Y. For page see List of advertisers.

LILIUM MULTIFLORUM AND GIANT-TEUM

For page see List of advertisers.

MASTICA
F. O. Pierce Co., New York, N. Y. For page see List of advertisers.

METAL ROSE MARKERS
The Riker Co., Newark, N. J. For page see List of advertisers.

MINI-FURE
Kentucky Tobacco Product Co., Louisville, Ky.

For page see List of advertisers.

NIKOREN APHIS PUNK
Nicotine Mfg. Co., St. Louis, Mo. For page see List of advertisers.

NURSERY STOCK
P. Quawkerk, West McArthur Heights, N. J. For page see List of advertisers.

New England Nurseries, Bedford, Mass. For page see List of advertisers.

W. & T. Smith Co., Genera, N. Y. For page see List of advertisers.

NURSERY STOCK—Continued
Bobblin & Atkins, Rutherford, N. J. For page see List of advertisers.

Bay State Nurseries, North Ableton, Mass. Hardy, Northern Growers. For page see List of advertisers.

McHutchison & Co., New York, N. Y. Direct Importations. For page see List of advertisers.

LOECHNER
E. II. Hunt, Chicago, Ill. For page see List of advertisers.

Lecocq & Co., New York, N. Y. For page see List of advertisers.

Perry Bros., Madison, N. J., Box 108. For page see List of advertisers.

LEONARD
Sander, St. Albans, England. Importer, Exporter, Growers, Hybridists. For page see List of advertisers.


Orchid Greenhouses. By B. W. Williams, 300 illustrations, 800 pages; descriptions of upwards of 2500 species and varieties of orchids, plants, etc. Lists of orchids and data of complete work on Orchids and orchid culture ever published. Price $10.00. Orders filled by HORTICULTURE, 11 Hamilton Place, Boston.


PALMS


Julius Roehrs Co., Rutherford, N. J. For page see List of advertisers.

Joseph Hackney, Wyncote, Pa. For page see List of advertisers.

Loochner & Co., New York, N. Y. For page see List of advertisers.

PANSY SEED
Arthur T. Boddington, New York, N. Y. For page see List of advertisers.

PAPER POTS
Paper Pots: 5000 3 in.; 5½ in. 2 in.; 1000 3 in. Shipments by 100: Crosby & Son, Catanoville, Baltimore, Md.

PATTERNS
Siggers & Siggers, Washington, D. C. For page see List of advertisers.

PECKY CYPRESS BANCHES
Foley Mfg. Co., Chicago. For page see List of advertisers.


PEONIES
PEONIES—1200 sorts, an enormous stock. For page see List of advertisers.


PETUNIAS
Petunia (Dreer's), mixed, 2½ in. $2.00 per 100; 300 for $5.00. J. C. Schmidt, Brattleboro, Pa.

PHOTOGRAPHS
I make a specialty of photographing flowers, plants, etc., for reproduction. Let me submit samples and prices for material for the next catalogue or circular. Special work to order at reasonable prices. Nathan S. Warren, 414 Hayward Blvd., Rochester, N. Y.

PLANT STAKES
Seele's Teless Plant Stakes and Trellis. H. D. Seele & Sons, Elkhard, Ind.

PLANT TUBES

PIPE AND FITTINGS
Foley Mfg. Co., Chicago. For page see List of advertisers.

Pot hangers, Kramer's $1 doz. by exp. 1½ by mail. T. N. Kramer & Sons, Cedar Rapids, Iowa.

RIBBONS AND CHIFFONS


ROSSES
Chas. H. Tully, Madison, N. J. Own Root and Grafted Roses. For page see List of advertisers.

F. Quawkerk, F. T. & N. Hohnen, N. Y. For page see List of advertisers.


Bay State Nurseries, North Ableton, Mass. For page see List of advertisers.

Wood Bros., S. N. Own Root Roses. For page see List of advertisers.

Wanted—Rose plants of any kind. Melrose Garden Co., 90 Melrose St., Providence, R. I.

SCALECIDE
B. G. Pratt Co., New York, N. Y. For page see List of advertisers.

SEED GROWERS
Brasian Seed Growers Co., San Jose, Cal. For page see List of advertisers.

T. J. Grey Co., 32 So. Market St., Boston For page see List of advertisers.

Joseph Breck & Sons, 51 and 52 N. Market St., Boston, Mass. For page see List of advertisers.

Richards Bros., 37 E. 19th St., New York For page see List of advertisers.

H. C. Michiel Co., Brooklyn, N. Y. For page see List of advertisers.

W. Allie Burke & Co., Philadelphia. For page see List of advertisers.

Arthur T. Boddington, New York For page see List of advertisers.

For List of Advertisers See Page 152
ORTICULTURE—Continued

SEEDS—Continued
Flower Seeds for the Florist. For page see List of Advertisers.

J. M. Thorburn & Co., 33 Barclay St., N. Y.
Asparagus Fluous Seeds. For page see List of Advertisers.

For page see List of Advertisers.

Leonard Seed Co., Chicago, Ill.
Beeh, Pansy, Sweet Corn, Onion, Turnip.
For page see List of Advertisers.

Wm. Elliott & Sons, New York.
For page see List of Advertisers.

James Vick's Sons, Rochester, N. Y.
All Leading Varieties of Seeds.
For page see List of Advertisers.

For page see List of Advertisers.

The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

J. Bodgiano & Son, Baltimore, Md.
For page see List of Advertisers.

SPHAGNUM MOSS
Live Sphagnum moss, orchid peat and orchid baskets always on hand.
Lager & Hurrell, Summit, N. J.

Ten bales sphagnum moss, $7.00.
Z. K. Jewett Co., Sparta, Wis.

SPRAYERS

STRAWBERRY PLANTS
Wilfred Wheeler, Concord, Mass.
For page see List of Advertisers.

TREE RENOVATION
John T. Withers, Inc., Jersey City, N. J.
For page see List of Advertisers.

VALLEY PIPS
Loochner & Co., New York, N. Y.
For page see List of Advertisers.

VENTILATING APPARATUS
Pyle & Bigrig, Co., Chicago.
For page see List of Advertisers.

The Advance Co., Richmond, Ind.
Improved Ventilator Arm.
For page see List of Advertisers.

WIREWORK
Reed & Keller, 122 W. 25th St., N. Y.
For page see List of Advertisers.

J. Janczyk, Boston, Mass.
For page see List of Advertisers.

Wirework. Write for our catalogue.
Holton & Hunkel Co., Milwaukee, Wis.


WIRED TOOTHPICKS
W. J. Cowee, Berlin, N. Y.
For page see List of Advertisers.

WOOD PRESERVATIVE

WHOLESALE FLORISTS—Continued
Cincinnati, Ohio
The J. M. McCullough's Sons Co., 518 Walnut St.
For page see List of Advertisers.

Cromwell, Conn.
A. N. Pierson, Cromwell, Conn.
For page see List of Advertisers.

Detroit
Michigan Cut Flower Exchange, 38 and 40 Broadway.
For page see List of Advertisers.

New York
M. C. Ford, 121 W. 25th St., New York.
For page see List of Advertisers.

E. H. Fowans, 57 W. 28th St., New York.
For page see List of Advertisers.

H. C. Horan, 55 W. 28th St., New York.
For page see List of Advertisers.

A. H. Langland, 58 W. 28th St., New York.
For page see List of Advertisers.

James McCann, 55 W. 28th St., New York.
For page see List of Advertisers.

W. F. Sheridan, 135 W. 28th St., New York.
For page see List of Advertisers.

Wm. H. Kuebler, 25 Willoughby St., Brooklyn, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

Greater New York Florists' Association, 123 Living St., N. Y.
For page see List of Advertisers.

A. L. Young & Co., 54 W. 29th St., N. Y.
For page see List of Advertisers.

Charles Millian, 55 and 57 West 29th St.
For page see List of Advertisers.

P. J. Smith, 49 West 29th St., N. Y.
For page see List of Advertisers.

Frank Millian, New York, N. Y.
For page see List of Advertisers.

Tranquill & Schenck, New York, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

A. Molz & Co., New York, N. Y.
For page see List of Advertisers.

Siebrecht & Siebrecht, 130 West 28th St., New York.
For page see List of Advertisers.

Philadelphia
Leo, Niessen Co., 1909 Arch St., Phila, Pa.
For page see List of Advertisers.

For page see List of Advertisers.

Rochester, N. Y.
George B. Hart, 21 Stone St.
For page see List of Advertisers.

New Offers in This Issue.

ASTERS
For page see List of Advertisers.

CARNATION PLANTS
For page see List of Advertisers.

CHRYSANTHEMUM CANES
Wm. Elliott & Sons, New York, N. Y.
For page see List of Advertisers.

GIANT EXHIBITION PANSIES
For page see List of Advertisers.

MID-SUMMER FLORISTS' SUPPLIES
Chicago Flower Growers Association, Chicago, Ill.
For page see List of Advertisers.
**List of Advertisers**

<table>
<thead>
<tr>
<th>Page</th>
<th>Advance Co.</th>
<th>...</th>
<th>Page</th>
<th>Advance Co.</th>
<th>...</th>
</tr>
</thead>
<tbody>
<tr>
<td>140</td>
<td>...</td>
<td>...</td>
<td>142</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>
| 141  | ... | ... | 144  | ... | ...

**GREENHOUSES BUILDING OR CONTEMPLATED**

**Spirit Lake, Ia.—** J. M. Klein, addition.

**Chicago, Ill.—** John Schoepfe, house 24 x 60.

**Wausau, Ind.—** Willard W. Dederick, addition.

**Malden, Mass.—** Burgess & Cooke, addition.

**Lewiston, Mont.—** Luther Warder, two houses.

**Stockbridge, Mass.—** C. S. Mellen, conservatory.

**Syracuse, N. Y.—** Charles Bourne, house 30 x 50.

**Newtown, Pa.—** Henry F. Banks, range of houses.

**Grand Island, Neb.—** E. Williams, rebuilding two houses.

**Fulton, Ill.—** John Aggen, two vegetable houses, each 21x100.

**West Hartford, Conn.—** W. W. Thomas, greenhouse, house 16 x 30.

**Norwood, Pa.—** The Robert Craig Co., four houses each 44 x 150.

**Princeton, Ill.—** W. E. Trimble Greenhouse Co., two houses and store.

**Spartanburg, S. C.—** The Oakhurst Greenhouses, two houses each 25 x 100.

**San Francisco, Cal.—** The California Evergreen Co., two fern houses each 30 x 130.

**Minneapolis, Minn.—** Haus Rosacker, violet house. The Central Florist Co., house 60 x 150.

**Tuxedo Park, N. Y.—** Mrs. C. M. Bell, range of houses, Mrs. Cooper Hewitt, addition.

**Burlington, Vt.—** Has been broken for a range of greenhouses at the University to be erected in the rear of Morrill Hall. The range will consist of a two-story head house 25 x 60 feet and three even span greenhouses 20 x 60 feet. Material has been supplied by the John C. Moninger Co. The houses will be heated by low pressure steam and it is expected to have them ready by the opening of the college term.

**UNIVERSITY OF WISCONSIN, SHORT COURSE.**

The University of Wisconsin announces the appointment of Mr. A. J. Meyer of Howell, Michigan, as superintendent of the Short course courses in agriculture. Mr. Meyer was formerly a student of the University of Wisconsin, and assisted in the instruction of short course courses at that institution. In 1910 and 1911 he was instructor in the short winter courses at Missouri. The appointment of Mr. Meyer indicates that the University will increase the efficiency of instruction in this popular course, and will make every effort to provide for the increasing numbers already assured for the coming year.

The facilities of the Missouri College of Agriculture have been taxed to the utmost by the large enrollment of students during the past two years. The two year short course, which begins November 1, each year, and continues until March 5, has attracted larger and larger numbers of students, until during the past year the enrollment reached more than three hundred.

The college has come to be regarded with favor by the farming and other business interests of the state, and young men who, eight or ten years ago, would have taken up the study of law, medicine or engineering are now enrolling for the two years short course.

On some of its out-lying farms, the experiment station has succeeded in increasing the yield of clover from one-half to two tons per acre by proper soil management, and in South-west Missouri it has been shown that corn may have been increased twenty bushels per acre and wheat twelve. The horticultural department has discovered methods of pruning peach trees so as to produce two additional crops in eight years.
NIKOTEE! APHIS PUNK
Specially prepared for fumigating closed houses, it vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphid so cheaply.
Price $1.50 per case of 13 paraphernalia boxes. All Seedmen.

To-Bak-ite Products Kill Bugs
You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free).

E. H. HUNT, 131 N. Wabash Avenue, Chicago

Cattle Manure in Bags
Shredded or Pulverized
Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

Pulverized Sheep Manure
Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and liquid top-dressing. Unscented for all flowers. Write for circulars and prices.

The Pulverized Manure Company
Union Stock Yards
Chicago

KILMDEAD
The best of all the tobacco dusts for

Dusting or Fumigating

Stump & Walter Co.

Cocoanut Fiber Soil
is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

Wilson Plant Oil & Fertilizer Company
150 Nassau Street, NEW YORK CITY
Horticultural Supplies

Write for our special Catalogue ""A"
**Cast Iron Boilers Break Down Twice in 4 Years; Moral—Use Kroeschell Boilers, They Are Safe.**

“I bought a No. 2 boiler in 1902. Takes care of 7,000 sq. ft. of glass; would take care of 2,000 more. I have **HAD A CAST IRON BOILER**, but it **BROKE DOWN TWICE IN FOUR YEARS** always in the coldest weather. It broke down Dec. 29th, 1904, and I **LOST ALL MY STOCK IN CONSEQUENCE**. I have now two No. 2 Kroeschell Boilers, and do not worry about their breaking down.”

—GRANT NEWPORT, Cedar Rapids, Iowa.

**KROESCHELL BROS. CO., 466 W. Erie St., Chicago, Ill.**

---

**FOR “POT LUCK” TRY US...**

**HEWS STANDARD POTS**

POT MAKERS FOR 140 YEARS — WORLD'S LARGEST MANUFACTURERS

WRITE FOR CATALOGUE AND DISCOUNTS

A. H. HEWS & CO., Inc.,

Main Office and Factories
CAMBRIDGE, MASS.

---

**Syracuse Red Pots**

“A little pot is soon hot,” likewise a thin pot. This will save you fuel. Our pots are the thinnest and toughest owing to the superior quality of the clay.

New price list on application.

Syracuse Pottery Co.,

SYRACUSE, N. Y.

---

**STANDARD FLOWER POTS**

We have 1000 ready packed crates that can be shipped same day order is received. Send for price list of seed and bulb-pots, hanging baskets, lawn baskets, cylinders for cut flowers, etc.

Address HILFINGER BROS., POTTERY, Fort Edward, N. Y., or AUGUST BOLKER & SONS, 31 Barelocy St., New York City, New York Agents.

---

**INCORPORATED.**


Minneapolis, Minn.—The Estacade Orchards Co., capital stock $50,000. Incorporators J. E. Bogk, L. F. Everett and E. Mousseau.


---

**ADVANCE ADVANCE machines in your houses and forget all your ventilating troubles. The children can operate them. Just what you want.**

---

**OUR NEW TWIST-LESS ARM**

Note the simple construction. One bolt securely fastens it to the shalving pipe. Easy to set up.

Our new catalogue J thoroughly describes and illustrates our new arm, also the rest of our line. Get one, it will interest you.

---

**DREER'S “Riverton Special” Plant Tub**

No. Damm, each Doz. 100
10 20 in. $1.45 $16.00 $150.00
20 18 in. 1.30 14.00 115.00
50 16 in. 1.25 35.00 215.00
100 14 in. .90 7.00 50.00
50 12 in. .65 5.00 25.00
50 10 in. .45 2.50 15.00
75 8 in. .30 1.50 8.00

Manufactured for us exclusively. The best tub ever introduced. The neatest, lightest and cheapest. Painted green with electric welded hoops. The four largest sizes have drop handles.


---

**STANDARD FLOWER POTS**

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.

**W. H. ERNEST**

28th & M Sts., Washington, D. C.

---

**PATENTS**

Trademarks and Copyrights

Send your business direct to Wash agen.

Saves time and ensures better service.

**SPECIALTY:** "Working on the Failures of Others."

SIGGERS & SIGGERS

**PATENT LAWSYERS**

9, National Union Building, Washington, D. C.
LOUISIANA RED CYPRESS
GREENHOUSE MATERIAL
STEEL GUTTERS, TRUSSES, PURLINS, PIPE, FITTINGS, GLASS, Etc.
PRIVATE AND CONSERVATORY
WORK A SPECIALTY.
The Foley Manufacturing Co.
Western Ave. and 26th St., CHICAGO

GLASS
Cheap as Dirt—Have you had any prices on greenhouse glass, lately? Write us at once for our quotations.

PARSHESKY BROS., C
90 Montrose Ave., BROOKLYN, N.Y

CYPRESS SASH BARS
32 feet or longer
HOT BED SASH
PECKY CYPRESS BENCH LUMBER

GREENHOUSES
ESTABLISHED AND EQUIPPED COMPLETE IF DESIRED
Write for Circular "P" and Prices
The A. T. STEVENS LUMBER CO.
NEPONSET, BOSTON, MASS.

Mastica
Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

GREENHOUSE CONSTRUCTION LUMBER
John C. Moninger Co.
117 E. Blackhawk St., CHICAGO.

KING
GREENHOUSE CONSTRUCTION
LIGHT
STRONG
FREE FROM VIBRATION
ECONOMICAL IN THE LONG RUN
BRINGS RESULTS

YOU CAN BUILD THEM YOURSELF
WITH THE PLANS AND DETAILS
WE FURNISH.
VENTILATING MACHINERY
SECOND TO NONE.
FITTINGS, PIPE HANGERS AND
SHELF BRACKETS THE BEST.

KING CONSTRUCTION CO.
HOME OFFICE AND WORKS
North Tonawanda
N. Y.

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers.
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS. CHICAGO, ILL.

BOSTON PLATE & WINDOW, GLASS CO.
GREENHOUSE GLASS
GERMAN AND AMERICAN
261 to 287 A Street BOSTON 20 to 22 Canal Street

LETS QUOTE YOU ON NEW
AND SECOND-HAND
Boilers, Pipe, Fittings, Glass, Greenhouse
Lumber, Tools, Sash, Etc.
METROPOLITAN MATERIAL CO.
1573-1575 Metropolitan Ave., Brooklyn, N. Y.

Holds Glass Firmly
See the Point & Peerless
Glazing Putty in 100 lbs. boxes at $1.00 per box.
HOLD & DRINK
114 Chestnut St., Phila., Pa.

TO BUYERS
Patronize our advertisers, they will treat you right
Michigan "The Automobile State"
Buys The L and B Iron Frame Greenhouses

Here is one recently erected for Henry Ford, the great automobile manufacturer. A splendid big square palm house and a two compartment, curvilinear wing. It's one of those houses of ours that is more than half iron. Aside from the glazing members the frame is made completely of iron. Built to last, and it will. Built to grow the best that's possible—and it does. Built to be an attractive feature of the grounds—and it most decidedly is. If you want a thoroughly up-to-date house built by absolutely reliable people, then send for our catalog. It's a most convincing bit of conviction. When sending, kindly include your employer's name and address and we will see that he gets one too.

HYDRANGEAS
FOR SUMMER FLOWERING

We have an unusually fine lot of Hydrangeas, which have been held dormant all winter. These plants are now in bud and bloom, and will flower in fine shape during July and August. We have a fine lot of blue hydrangeas, as well as pink. Plants are in splendid shape for immediate use, and will flower during July and August—at a time of the year when they are in the greatest demand.

We can furnish these plants in ordinary butter tubs at $2.00 and $3.00 each.

Plants in new cedar tubs, painted green, with handles, as follows: Well budded plants in 14-inch tubs, $3.00 each; 16-inch tubs, $4.00 and $5.00 each.

FERNS

We have an exceptionally fine lot of Boston Ferns of the Harrisii type; also a splendid lot of Pierson Ferns. Good, bushy, well-grown plants in 8-inch pots, that will please the most critical buyer, $1.00 each.

LILIUM HARRISII
THE BERMUDA EASTER LILY

We offer a selected and carefully grown stock of the original pure Harrisii. There are only one or two lots of bulbs on the island as good as the stock that we offer. We take pleasure in offering this stock, because it will be found to be very superior to the average stock that is generally offered. This is one of the healthiest and cleanest lots, and will give much better satisfaction than the stock usually obtainable. Our customers who had Harrisii from us last year stated it was the best they had received in years.

We have only a limited stock, which we are offering, and when stock is exhausted, we shall have no more to offer this season.

Fine selected bulbs, 6-7 inch, 350 to the case, $16.00 per case, or full thousand lots at $45.00 per 1,000; 7-9 inch, 200 to the case, $17.00 per case, or full thousand lots at $80.00 per 1,000; 9-11 inch, 100 to the case, $18.00 per case, or full thousand lots at $175.00 per 1,000.
U KNOW US

"DIFFERENCE"

Some florists think it makes NO DIFFERENCE WHERE they buy their Florists' Supplies and Ribbons.

The discriminating florist knows there is a difference and feels sure that when he sends his orders to US he will receive florists' supplies and ribbons that "Are Right."

U. R. RIGHT! When buying from us.

KATALOG for the asking.

The Leading Florists' Supply House and Ribbon Specialists

M. RICE & CO., 1220 Race Street, Philadelphia, Pa.

Manufacturers—Importers—Originators

ORCHIDS

Greatest quantity and variety in the country. Established and freshly imported. Also material in which to grow them.

Write for special list and catalogue.

LAGER & HURRELL, SUMMIT N. J.

ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World

 SANDER, St. Alban's, England and 258 Broadway, Room 721 NEW YORK CITY

ORCHIDS

PLANTS and FLOWERS always on hand

ORDONEZ BROS. Madison, New Jersey

ROEHRS

Orchids, Azaleas, Palms, Lorraines, Crotons

RUTHERFORD, N. J.

LORRAINE BEGONIAS

Strong 2½ in. stock, ready for 3½ in.
Per 100, $15.00; 250 at $14.00 per 100.

THOMAS ROLAND, Nahant, Mass.

ROBERT CRAIG CO.

ROSES, PALMS, and Novelties in Decorative Plants

MARKET and 4TH STREETS, PHILADELPHIA, PA.

PALMS, FERNS AND DECORATIVE PLANTS

JOHN SCOTT

Rutland Road and E. 45th St.
Tel. 3560 Bedford BOSTON, MASS.

BOSTON FERNS, WHITMANI, MAGNIFICA

1½ inch $3.00 per 1000; 1¾ inch $3.50 per 1000; 1000 at 1000 rate.

H. H. BARROWS & SON

Whitman, Mass.

FERNS FOR DISHES

Assorted varieties, 2-in. pots, $3.50 100; $30.00 1000; 500 at 1000 rate.
Cash with order

FRANK OCHSLIN

4011 Quincy St. - CHICAGO, ILL.

JOHN T. WITHERS, Inc.

Landscape Architect and Forester

1 Montgomery St., JERSEY CITY, N. J.

Tree Renovation by Expert Operators. Stereopticon lectures on Horticulture and Arboriculture.

Box Trees and other EVERGREENS for Tubs and Boxes

Our Prices are Always Right—Guaranteed Free

THE NEW ENGLAND NURSERIES, Inc.

BEDFORD, MASS.

HOLLAND NURSERIES

Best Hardy Rhododendrons, Azaleas, Conifers, Celmatis, H. P. Roses, Shrubs, and Herbaceous Plants.

P. VUYLKERK, 114 East St., Whitehall, Binghampton, N. Y.

DIRECT IMPORTATIONS

Bay Trees, Kennias, Azaleas, Valley Pips, Roses, Rhododendrons, Boxwood, Mintoii, Evergreens, Jap. Lilies, Raffia, etc., etc.

Nursery stock from France, Holland, England and Japan.

McHutchison & Co. 17 Murray St. New York, N. Y.

For Fall Planting

Lilium Tenuifolium, Henryt. Hansenii, Wallerii and Davuricum; Elegans vars. Single and Double Tigers; Japan Tree Lilac; Delphinium Formosum; Japan and German Iris; Daphne Cneorum.

Fall list ready in August.

WADING RIVER, N. Y.
GERANIUMS, DAHLIAS, CANNAS, ETC.

Quality and Quantity Combined is Our Motto

If you want to know where they are, we have them, at the headquarters, and, borrowing the phrase of a famous advertiser, we have a permanent exhibition at White Marsh, Cowenton, B. & O. K. of more than 57 varieties.

We extend you a cordial invitation to visit us during the Convention. Tickets and all information concerning trains, etc., can be procured from Mr. R. Vincent, Jr., and other representative of our firm. Will be pleased to see you any day. A good time to place your order for next season.

R. VINCENT, JR., & SONS CO., White Marsh, Md.
Growers of Plants for the Trade

ROSES - Own Root—Fine Stock

White Killarney $3.50
Richmond
Pink Killarney, Chataley, Kaiserin
Palisades, Sunrise, Sunset, from 3 inch pots $3.00
Bride, Bridesmaid, Golden Gable $65.00 per 1,000, $7.00

STEVIA COMPACTA

2 1/4 inch pots, $3.00 per 100, $35.00 per 1000.

WOOD BROS. . . Fishkill, N. Y.

HOME GROWN PANSY SEED

$ & I Special Strain. None Finer. $2.00 Per Oz.

Bugonia Gloire de Lorraine. Strong 2 1/2-
inch plants, $1.50 per 100; $14.00 per 1000.

Polaatina. 2 1/2-inch plants, at $1.50
per 100; $14.00 per 1000.

Cyrtanion Seed. Giant English strain

SKIDELSKY & IRWIN CO.


Catalogue for the Asking.

CANES

FOR YOUR MUMS

6 ft. to 8 ft.
$7.00 per 1000

WM. ELLIOTT & SONS,
42 Vesey St., New York

ASPARAGUS HATCHERI

The new Asparagus. Beats the old plum-
ous kinds in every respect. From 2 1/2-
inches pots, $1.50 per 100.

A. N. Pierson, Inc.
CROMWELL, - - - - - - - - CONN.

Charles H. Totty

Wholesale Florist

Madison, N. J.

Little Ads Bring Big Returns

Little ads in our Classified Columns bring big returns to both advertiser and purchaser.

Anything that can be sold to florists, gardeners, park and cemetery superin-
tendents, etc., can be sold through this medium in this department, and at
very small cost.

Don’t fail to read them each issue, for you will find one or more that will
prove profitable to you.

They Cost Only One

Cent a Word Undisplayed

Araucaria Excelsa

3 in., 3 to 4 tiers, 40c. and 50c.; 5½ to 6 in.,
4, 5 and 6 tiers, 90c., $1.00; 7 in.,
$1.50, 30, 40 and 50 in. high, for lawns and
lawns and porches, $1.50 to $2.00.

CASH with order, please.

Godfrey Aschmann

Wholesale Grower, Shipment and Importer of

Pot Plants.

1012 West Ontario St.,

CHICAGO, - - - - - - PA.

CHRYSANTHEMUMS AND

ASTER SEED

Elmer D. Smith & Co.

ADRIAN, MICH.

GARNATIONS

F. DORNER & SONS CO.

LA FAYETTE, IND.

Chicago Carnation Co.

30 E. Randolph St.

CHICAGO - ILLINOIS

PALMS, FERNS, DECORATIVE AND

FOLIAGE PLANTS

Also Azaleas, Begonias, Bay and Box Trees

A. LEUTHY & CO.

Perkins Street Nurseries,
Resiliant, - - Boston, Mass.

Price list on application.

HERBERT, ATCO, N. J.

DAHLIAS Every Day in the Year
Farquhar's RARE LILIES FROM CHINA
Hardy, Beautiful, Fragrant. The Finest Novelties Extant

Lilium myriophyllum
AWARDED SILVER MEDAL BY MASSACHUSETTS HORTICULTURAL SOCIETY, JULY 15, 1911.

LILIUM MYRIOPHYLLUM
Mr. E. H. Wilson, the famous plant collector, collected for us the bulbs now offered, in North-western China. He considers this the finest of all lilies. It is absolutely hardy, and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink and with a beautiful shade of canary yellow at the centre, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy oppressive odor of most lilies. Blooms out-of-doors early in July.
Orders booked now for October delivery. Bulbs each, $1.50; dozen, $15.00.

LILIUM LEUCANTHEMUM
The bulbs offered were also collected by Mr. Wilson. This is one of the strongest growing lilies—frequently attaining a height of six to eight feet. The flowers vary in number from five to ten on a stalk, and in size and shape resembling Lilium Harrisii, greenish white shaded purple on the outside, and of the purest white within, with a tinge of citron in the centre. The flowers have a pleasing fragrance. This lily will undoubtedly be largely used for outdoor planting as well as for forcing. Many consider it the finest of all tubular-flowered lilies. It flowers somewhat later than Lilium myriophyllum, and being of larger growth, has a distinct place.
Orders booked now for October delivery. Bulbs each, $1.50; dozen, $15.00.

R. & J. Farquhar & Co.
SEEDSMEN AND NURSERYMEN
6 AND 7 SOUTH MARKET ST., BOSTON
Seasonable Notes on Culture of Florists' Stock

Amaryllis.

Keep these plants only staked as growth advances so as to have in good form before the buds start to open. When the soil becomes filled with roots they will stand a good supply of water at the roots, and would be greatly benefited by a weekly application of liquid manure. When the flower buds are fully formed and just before they begin to open they can be moved to a cooler and airy house that is well shaded. They will do better here at this stage of their growth then if kept in warmer quarters where they are bound to make a drawn and spindly growth. Be careful not to submit them to too great a change at first, but gradually inure them. When they are through blooming place them by themselves in a moderately warm house where they will have plenty of light and air. Don’t neglect to give them water when they may need it so that the leaves and stems may be kept fresh and healthy until the tubers have attained their full size and maturity. When allowed to die off prematurely they will only have insufficiently matured tubers which will never give good results.

Calceolarias.

Now as the end of summer approaches it is time to sow calceolarias. Use clean pans or flats with plenty of drainage, which is a very essential point. A good compost to sow on is loam, leaf-mold and sand in equal parts. An inch of the top layer should be sifted very finely. The pans should be thoroughly dampened before you sow your seed. After sowing press the surface over with something smooth and place a pane of glass over each pan. Place them in a frame where they will have protection from rains and later on from frost. See that the sashes are fixed so that air can be freely admitted. In a few weeks they can be transplanted into flats, about an inch apart, using the same soil as mentioned above. When the cool nights set in, they will start a vigorous growth, and when large enough should be potted into 2 or 3½ inch pots using a little heavier soil. It will be necessary to keep them clear of greenfly by fumigating once a week if you want nice healthy plants.

Coronopsis Grandiflora.

These plants make a very valuable crop for Memorial Day with their hand-some golden yellow flowers of four inches in diameter. Sow the seed now in a coldframe and when they are large enough, plant them about 10 inches apart in another coldframe. With this winter protection you can grow fine clumps that can be potted up or planted out in a cool house from January till March. Those that you don’t force can be kept until April and then planted outside where they will flower from June on if the seeds are kept from maturing on the plants.

Eucharis.

Plants that have produced a crop of flowers, should be given a liberal amount of water at the roots with plenty of moisture in the atmosphere until every new leaf has reached its full size and development. This growth completed they should have a period of from 1 to 6 weeks’ rest by gradually withholding water until the leaves begin to flag slightly when they should have just enough water to freshen them up again. Follow up this treatment by keeping dry as before and then again a slight watering. This alternate treatment can be continued for a month or six weeks so as to give them a period of partial dormancy, but be sure to give them enough of water to keep the leaves plump or otherwise they will be injured. This resting and flowering treatment can be practised with good results two or three times a year. Now is a good time to plant a bench of established plants from 1-inch pots, spacing them at 6 to 8 inches apart. They like any good soil and some well decomposed cow manure in equal parts. When the benches or pots become filled with roots they will be greatly benefited by a weekly soaking of manure water during their growing period. A crop of flowers coming in at this season should be slightly protected against the fierce rays of the sun.

Lilium Harriissii.

If lilies of the Harriissii type are wanted for early flowering, the planting of the bulbs should take place as soon as you can get them, so as to give them time for good root formation. Any good soil that does not contain green manure will do. A good compost to use is three parts of loam to one part of well-rotted cow or barn-yard manure. Place the bulbs so that after they are potted they will be entirely below the surface of the soil. Then give them a good watering to settle the soil. They should then be stood closely together in a frame, and covered with 4 or 5 inches of soil so as to keep them cool and to hold an evenness of moisture. While they are making root growth they will need attention—during an exceptionally dry spell the application of one or several doses of water, or during a prolonged rainy spell a covering of some sashes. In about a month or six weeks most of the bulbs should have made a good start in filling their pots with roots. You can separate them into several grades by going over them from time to time. Give the most advanced ones a good light position on a bench in a cool house.

Winter Sweet Peas.

For an early winter crop you can sow the seed from now until the first of September. They can be sown directly in the bench or bed, but when you have a crop to take off you can sow them in 4-inch pots which will give them plenty of room to grow for some time. Select a house where they can have at least six or seven feet for head room; more would be better. Give them a soil well enriched with cow manure as possible, but where this is unparsimonious well-rotted sheep or horse manure will answer. See that the bench or beds are provided with good drainage.

John J. M. Farrell

Mr. Farrell’s next notes will be on the following: Atlanticum; Chrysanthemum; Orchids; Pelargonium; Poinsettias; Roman Hyacinths.
It appears to be quite a common custom of "Floral Art," for the "floral artist" who has executed a wheelbarrow, fire truck or similar "design work" in flowers or for the trade paper which likes to adorn its pages with illustrations of such masterpieces, to take refuge in an apologetic sort of way behind the plea that the customer was determined to have this and would not accept anything else. In these gratuitous admissions of "the small voice within" we think we can see indication of a healthy awakening to a realization of the incongruity of these crude products and that the florist owes it to his profession and the public to endeavor to develop his art to a higher and better plane. At the meeting of the retailers in connection with the Baltimore Convention advantage should be taken of the present receptive attitude of the trade on this important subject, and a campaign of education upward inaugurated.

That florist who advertises his business most liberally and continuously in local newspapers, street cars and other available publicity mediums will be found almost invariably to be the busiest and most prosperous in his line in this town. There are exceptions, of course, for advertising unsupported by good management loses much of its value. Indeed, it is a question whether the success which comes to the persistent advertising florist is a direct result of the advertising or is due rather to the exercise of a clear-headed business ability of which a well-directed advertising campaign is only one outward manifestation. Considering, however, the overwhelming proportion of floral establishments in which modern business system is practically disregarded and things run just at random, it is easy to see that there is a big field for improvement if the florist occupation is to attain its due and rightful position among the foremost commercial industries.

"Let your light shine" It is not easy to imagine any more effective advertising expedient than a well-maintained place brilliantly adorned with tasteful examples of the use of plants and all the appointments kept in harmony and up to the standard appropriate to an avocation in which refinement and artistic taste are dominant qualities. That so few, comparatively, of the florists' establishments one sees in traveling from place to place are so kept and adorned is a reflection far from favorable to the florist business as a whole. In that bright little pamphlet, "Bulb Talks," issued by R. M. Ward & Co., on which we commented in a previous issue, there are some excellent bits of advice and suggestion to the local florist as to ways and means of publicity and surprise is expressed at the rarity of business signs on these establishments. As Mr. Ward says "there are thousands of greenhouse plants in the United States without a sign of the proprietor's name about the place. In this respect a very valuable asset is neglected and lost."
Some Choice Conifers

Coniferous evergreens are of such paramount importance in all forms of landscape gardening in the colder parts of the United States that it is somewhat surprising that more attention is not given to the choicer and more beautiful kinds. Although many thousands are planted annually these are composed of comparatively few species and, though we cannot afford to dispense with such standard sorts as white pine, common hemlock, Austrian pine and blue spruce yet it should be borne in mind that there are many others equally well and, in some respects, better adapted to ornamental planting and which at the same time are equally hardy and as easy to cultivate. A very conspicuous feature of the National Flower Show held in Boston in March last was the numerous collection of evergreens. Among the more noteworthy being excellent displays from the Messrs. Farquhar, the Eastern Nurseries, Messrs. Bobbink & Atkins and W. A. Manda. A very large and representative collection can at all times be seen in the Arboretum where intending planters will do well to make a visit specially at this time of year.

Abies Veitchii is a fast-growing species from Japan with dark green foliage, very silvery on the under side. It is apparently capable of making a very handsome lawn specimen. So fine a tree as Abies Nordmanniana is an excellent companion to the foregoing, somewhat similar but less silvery beneath. Few conifers make a more symmetrical specimen or produce a finer effect than this and the intense green of the foliage is emphasized when it is planted in juxtaposition to a blue spruce.

One of the most beautiful and interesting of all evergreens is the Umbrella pine from Japan which at present quite rare in gardens, but its singular beauty and hardiness should ensure it being largely planted. Picea Landoltii varietata should be planted in a position where the soil is moist during the growing season but not at all waterlogged and a compact of loam and leaf soil or peat will meet its requirements.

Two very handsome conifers with glaucous foliage are Cedrus atlantica glauca and Cupressus arizonica. The former should be planted in a position where it is sheltered from cold winds in summer by surrounding trees which often cause more damage than any frosts we experience. It is succeeding well in the Arboretum.

Several forms of the common hemlock are deserving of extended cultivation especially good forms being Tsuga canadensis compacta, a dwarf growing form of close habit and T. C. Sargentii a very handsome pendulous variety. Taxus cuspidata, the Japanese yew, is undoubtedly the best variety for any purpose in the colder parts of this country, for whatever weather we may experience during the winter or early spring it never becomes brown or is in any way affected.

The Retinosporas are among the most useful and beautiful of smaller-growing conifers, well suited for the embellishment of the most cultivated part of the pleasure grounds. R. fitfernii is one of the most graceful with long drooping thread-like branches. It has two excellent varieties—aurora with golden foliage and glança, which is quite uncommon, but a beautiful form. R. obtusa nana nova is also desirable and so is R. Crrippsii if a sheltered place can be found where its bright golden foliage is not injured by cold winds.

Varieties of Thuja occidentalis are numerous and many are worthy of inclusion in all gardens. Among the dwarf-growing forms we have such excellent sorts as Geo. Peabody and Cloth of Gold, both with attractive golden foliage while Hoyski, Tom Thumb, Little Gem, Globosa and Ellwangeriana are excellent green forms.

The more uncommon junipers are also deserving of much extended cultivation, the most noteworthy being; chinesis argentea with bluish green and white foliage; tamariscifolia, a low growing evergreen, fine for covering ground, large rocks, etc.; chinesis Plitzeriana, a very pleasing, graceful plant; sabina tripartita and Virginia Schiotti.

One of the most desirable of all conifers is the hardy form of Cedrus Libani or Cedar of Lebanon, which has been introduced to this country through Professor Sargent. As is well known the ordinary form of Lebanon cedar which forms so conspicuous a feature in many gardens and parks in Europe is not capable of withstanding the severities of the climate here but this new variety has successfully withstood the last ten winters in the Arboretum and will evidently prove a great addition to our list of ornamental evergreens. The foliage is a beautiful light green and the habit especially graceful. Specimens from one to twelve feet in height can now be seen in the Arboretum.

Arthur E. Thatcher

Arboretum.

Dahlia Rheinkonig

This is one of the novelties of the present year of the Giant Cactus type. It is an ideal variety for florists' use as a cut flower, being pure white, with petals of great substance and stems long and rigid. Its sturdy habit of growth and free blooming qualities make it also an assured garden favorite. It is catalogued this year for the first time by Dreer.

Rose Madame Melanie Souperet

The rose which forms the subject of our cover illustration this week is one of Pernet-Ducher's introductions of 1906. It has developed good and satisfactory qualities in the garden in this country and has undoubtedly come to stay. The color is salmon yellow suffused with pink and Carmine. The flowers are semi-double and in bud form are extremely shapely and attractive.
AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Parties arriving in Kansas City on Monday evening trains, August 7th, will, of course, have ample time to make hotel arrangements and be ready for the opening meeting at the City Hall. Paying attention on the morning trains, August 8th, will have time to go to the Baltimore Hotel, or any other hotel which you may select, make your hotel arrangements and get to the Hall at Fifth and Main streets by 10 o’clock for the opening meeting. Those whose trains may be delayed a little may come direct to the City Hall and have their hand baggage will be taken care of there and hotel arrangements can be made after the opening meeting.

The Baltimore Hotel has been selected as headquarters and has made the rates for rooms at from $1.50 up. It is a high grade hotel, very complete in its arrangements, and is not crowded in August. There will be ample rooms there.

In case you wish to go to any of the other hotels, the Savoy is a couple of blocks away, and the Kipper Hotel and the Denmore are conveniently located to the Baltimore. In any of these last hotels mentioned rooms may be obtained from $1.00 per day up.

I wish all visiting officials to call at the Park Board office in the City Hall first, register and obtain credentials, going from there to the Council Chambers where the opening meetings are held. After you have all arrived at the Park Board headquarters we will then be able to give you definite directions for the rest of the stay of the Convention.

If you have been a little in doubt about coming to this Convention, please now reconsider and either come, or send your representation from home. This is going to be a rousing meeting and great good should come from these conventions. We will be greatly disappointed if you are not here.

W. H. DUNN.
Superintendent of Parks.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

St. Louis to Baltimore.

State Vice-President Fred W. Weber of the St. A. F. O. says he has a list of names of those who contemplate going but you can’t tell in the florist business what might turn up at the last minute to keep you at home. The club meeting next Thursday will no doubt bring out the real list of those going. Mr. Weber has been working hard and succeeded in rounding up quite a few new members for the Society.

ST. LOUIS FLORIST CLUB.

The St. Louis Florist Club will hold an important meeting on Thursday, August 9th. At this meeting the annual election of officers for ensuing year will be held. All the candidates who were nominated at the July meeting and a large following and a hot election is in store.

AMERICAN GLADIOLUS SOCIETY.

Only a few days remain before the second annual exhibition of the American Gladiolus Society takes place at Baltimore and notwithstanding discouraging reports arising from many parts of the country I believe that our exhibition will surpass the splendid show we made at Rochester last year. We have had perfect weather and the plants have been thus far kept in top condition. We gather that the dry spell will be able to bring some good spikes of flowers to Baltimore. We have had a profusion of rain for the last few days in Orange, the first good rain coming the 24th, and another good one on July 29th, but I kept the soil stirred twice a week and am confident that the plants one could wish from such stock.

The extreme hot weather forced some varieties into bloom a week earlier than we anticipated, the first few days before they began to flower the tip buds scorched as though they were held over a blaze of fire. It was a most singular sight, some plants in bloom, others just coming around again. It is generally believed that cutting the spike when the two or three flowers open will result in a strong bulb that will give you a better spike of flowers the next year. I took this for granted for several years but have been doing the experiments for the past three years and find that nearly all bulbs that I have grown for seed give me a spike of flowers equal to those that I cut when five blooms are from. I am receiving some rare species of gladiolus bulbs from the Transvaal. These are sent me by a well-known collector of botanical specimens, Breeda Thomson of Barberton, who has discovered many rare plants including gladiolus and a rare pink cyrtanthus named after him by the South African Horticultural Society. Mr. Thomson has also sent me some bulbs of a new cyrtanthus with umbels of pure white flowers. A few bulbs in a pot are beautiful as freesias. They flower around Barberton in May and June and multiply enormously from offsets. They grow in South Africa at an altitude of 3,000 feet but the frosts there are not severe so I do not yet know whether they are hardy enough to plant out in the fall here.

Returning to the gladiolins, Mr. Thomson tells me that there is a new species which is very beautiful, the finest one they have, that flowers in December and has the following variety: color, old gold, splashed with red. Many of these species are interesting but of little use in breeding for garden sorts. L. MERTON GAGE.

H. Youell, financial secretary of the American Gladiolus Society, sends us record of the following additional prize offered for competition at Baltimore:

Class 19, for amateurs. Mr. Francis King offers $10 for the most harmonious and beautiful color arrangement of gladiolus spikes, number of colors and quality to count: no less than 50 spikes.

FLORISTS’ CLUB OF PHILADELPHIA.

Convention matters and a talk on "Aromatic Gardening" by Xavier Schmitt were the leading items on the program at the above club held on August 1st. Jno. Westcott reported for the transportation committee and after considerable discussion of advise of the committee decided to go by the B. and O., the Tuesday morning, on the 10:17 train. All members to be notified with return cards so that if number of replies warrant a special car can be procured. This shows the importance of every one answering promptly. The fare is the regular four-dollar excursion. Each member buys his own ticket in the usual way. No bother at all with rebates and committees and so on this year, as the distance being short there would be no saving. The hotel committee reported and read offers from ten or twelve of the leading Baltimore hotels, and this information it is very important for all who may want it. No headquarters have been selected, it being thought wisest to let each member pick out the hotel that seemed to suit him best, and Mr. Schmitt’s address was very well received, and we hope to find room for it in our columns at an early date. The hotel committee is composed of Jno. H. Dodds, Wm. Robertson, Samuel Batchelor, Robert Irwin, and D. T. Connon.

NEW ORLEANS HORTICULTURAL SOCIETY.

Claude L. Orly, a prominent florist of the upper section of the city, was elected president of the New Orleans Horticultural Society on July 21, after one of the most exciting elections ever held by that body. Mr. Orly defeating D. C. Simon, another well-known florist, by one vote, the final count being 15 to 14.

The meeting was full of interest as all the way through it was a contest. The vote was uneven when Mr. Orly was placed in nomination and elected. It had been originally agreed to elect Mr. Simon president by acclamation, but Secretary. When the finance committee voted on the vote called it was found that Mr. Simon was not present.

J. E. Newsham and several of the other members brought up the point that a man could not be elected to the presidency unless he was present, and after a resolution had been passed making this change in the association, Mr. Simon appeared on the scene. His friends then urged him to enter, as the nominations had been reopened. Mr. Newsham and Mr. Orly would not withdraw his candidate. The voting was done on the Australian secret system.

Other officers elected, all by acclamation, were: B. M. Wischer, vice-president; John Ed benign, treasurer; C. R. Panter, secretary; Richard Eichling, corresponding and recording secretary.

Mr. Ed benign, the treasurer, was elected to his twenty-seventh term, while Mr. Panter took up his tenth term as secretary.
LOCALITY SHOULDN'T COUNT.

In some things the human race today is very wise. For instance when it comes to selecting an officer for our National Society—well then they seem to indulge in such foolishness as:—Does he belong to our village; what is his religion; is he an A. P. A.; is he a prohibitionist; is he a Dunkard; does he part his hair in the middle; does he go down stairs to dinner in his shirt sleeves; does he believe in the nebular hypothesis; and a whole lot of other things that are not germane to the subject at all. Why can't the same wisdom be displayed in selecting an officer as we evidence in selecting a vegetable. The best fitted for the job is what is wanted, no matter where located. Genius knows no latitude, no longitude; it may happen anywhere—in the little hamlet or the biggest city. What we as enthusiasts in the welfare of our chosen youth can should strive for is to get the best man irrespective of locality. This cry—"well, there should be something for the North as well as for the South" sounds sensible and fair, but an analysis is the rankest nonsense, and moreover, it is worse—it is a mistakes and dangerous doctrine. It leads many well meaning but unhunting people astray. Many of us do not look far beyond our town, country or state and the big men near us seem to us good enough for the rest of the world. They may be; but we must first compare them with the best that other parts can offer, and then forget our own little ballwail for the good of the country. Sectarianism is the commonest of human failings. Let us not delude ourselves into the belief that this failing is a virtue. Let us rise above that, and say; the best is what we want wherever it comes from! Give us the best our country has—not the best in our little burg; but the best the United States can give us.

GEORGE C. WATSON.

BRITISH HORTICULTURE.

Amongst the Roses.

The trade growers were well represented at the annual show of the National Rose Society, in the Botanic Gardens, Regent's Park, on July 7th. Competition was keen in most departments, with the result that a magnificent collection of the "Queen of flowers" adorned and scented the spacious marques. In the nurserymen's classes, the championship was won by Hugh Dickson, of the Royal Nurseries, Belfast. He received a gold medal for Mrs. Sam Ross, a delicately United H. T., and Mrs. R. Draper, a H. T. of a pleasing pink shade; also a silver gilt medal for Souvenir of Portland, Oregon, a H. T. of a crimson cerise hue. Rev. J. H. Pemberton, of Haverford-atte-Bower, Essex, secured a silver gilt medal for Danube, a perpetual-flowering yellow cluster rose. Cards of commendation were awarded to the following: Miss Mair Mackeen, Nancy Williams, and British Queen, shown by S. McGreedy & Sons; Sunburst, by G. Bowick & Son; Coronation, Hugh Dickson, and Ethel, by Charles Turner. In the classes for the best blooms, H. T., Dickson received a silver medal for Mrs. Stewart Clark, as the best H. T.; G. Prince, had a similar award for Mine. Jules Graveaean, the best Tea variety, and Harkness & Son, for Hugh Dickson, the best H. P. variety. The decorative classes were particularly well filled, some artistically arranged designs being shown.

The Sweet Pea Show.

Sweet Pea enthusiasts have every reason to be satisfied with the attention given this year to their favorite flower. One of the daily papers has given the sweet pea a "boom," and is organizing this month a great show at the Crystal Palace for the thousand pounds prize offered by the proprietors. This has evoked an enormous number of entries from all parts of the United Kingdom. The annual exhibition of the National Sweet Pea Society in London on July 11th and 12th was a gratifying success; crowds of visitors admired the high standard of excellence prevailing in most departments. W. Atlee Burpee, of Philadelphia, renewed acquaintance at the show with many of his British confreres, and cast a critical eye over the exhibits in the class for the best American varieties. The first prize in this section fell to Sir Randolph Baker, who was to the fore as a prize taker in other classes. A distinguishing feature was the success of the Irish growers, who are evidently forging ahead as successful growers of this popular flower, as well as of the rose. There were no striking novelties. The awards were as follows:—First—class certificates—Barbara, orange self, Robert Holmes, Tuckwood Farm, Norfolk; Doble's Thomas Stevenson, orange scarlet, Dobie & Co., Edinburgh; Pea Pink, a cultivar of the Royal variety, grown by F. Seymour Daviss, Farnham, Surrey; May Campbell, cream, splashed with red, and Mauree Green, rose lavender, after the style of R. F. Felton, both shown by Dobie & Co.; Mrs. B. Gilbert, white, suffused pale purple, Gilbert & Son, Bourne, Lincoln; Red Star, crimson, A. Malcolm, Dun'scotland.

W. H. ADSETT.

Our Seventh Annual Convention Number

Will be issued under date of August 12, 1911. It will be full of interest for those who go to the Convention at Baltimore, and equally so for those who stay at home. It will be widely distributed and in publicity value to the advertiser will have no superior. Take a generous sized space in HORTICULTURE. You'll find yourself in good company.

IT PAYS! IT PAYS! IT PAYS!
During Recess

The Convention Games.

Following is an official revised list of the prizes to be competed for at Baltimore:

BOWLING FOR MEN

Team Bowling—
Whidden Cup—Team making highest total in 3 games.
Kasting Cup—Team making highest score in any one of the 3 games.
Bayersdorfer Cup—Team making highest score in first two games.
Michell (Phila.) Trophy—Team making highest score in 2 games.

Henry Leah (Balto.) Prize—A stick pin to each man on the highest team, total pins.

On Dozen Fruit Knives—Man making highest total number of pins in the three games, team bowling.

Michell (Phila.) Trophy—Team making highest score on team from the greatest distance, total pins—team work.

V. C. McCaunce, Mirror—Man making second highest score, team rolling.

Mrs. M. J. Thomas (Balto.), Silver Pitcher—Most strikes made by a bowler in the 3 games.
W. J. Johnston (Balto.), Silver Bowling For highest score in any one game, team rolling.

Pennock-Mechan Co. (Phila.)—$5 to each man on team making second highest score in the 3 game, total pins.

M. Rice & Co. (Phila.), $10—Man making second highest number of strikes in team rolling.

Hoseas Waterer, $5—For man making second highest number of spares, team rolling.

Individual Rolling—
The George Asmus Prize, $25—For highest score total pins.
The Fred Stroutsman (Balto.), Silver Cup—For second highest score, total pins.

Dreer Cup (Phila.), for 3rd highest score withpins—To man making highest number of pins in 2 first games, or in individual rolling.

Special Event—To the individual, 50 years of age or over, making the highest score, total pins in 2 games. A case of whiskey.

Michell handbag—Highest score made by press representative in 2 games, total pins.

SHOOTING

The following have donated for the prizes to be awarded for shooting:

Michell & Co., silk umbrella; Ed Reed $110; Bowers, $10; Robert Graham, $20; R. Vincent, Jr., $20.

There will be additional prizes forthcoming, when a proper distribution of all will be made.

Michigan Cut Flower Exchange Gives a River Party.

We all knew before hand that anything arranged by the Michigan Cut Flower Exchange is done right in every detail and this time they even went so far as to provide a good hot day so that we were still more glad to inhale the cool breezes of our beautiful river. Over five hundred people, all florists and employees with families, moved and belles, accepted the hospitable gener-
osity of the Michigan Cut Flower Exchange last Monday.

From out of town there were present Elmer D. Smith, Wm. Pierce, John Watson from Adrian; Mr. Miller, former from Philadelphia, now from Chicago; H. E. Philpott, president Chicago Florist Club; Otto Kruger, Wm. Peek and wife, Toledo, O.; Mr. Dixon and wife, Northville, Mich.; Mr. Blissinger, Lansing, Mich.

The boat left the dock about 2 o’clock and it was not long before young and old, employer and employee, were engaged in making. A short stop was made at Isle aux Pecheaux then the sail extended through Lake St. Chire and turning about again went through the beautiful Detroit river to Lake Erie; spending over three hours in the most delightful manner.

While local meetings have become scarce owing to the hot weather, the question of having a fall show was discussed during this ride. It was remembered that the chief obstacle of renting a hall was practically solved through Mr. Danzer, who had secured the 20th Century Building for three days free of charge.

The nearness of the annual election of course brought a little politics and Michael Bryan was well inducted. His natural capacity for hard effective work and fair dealing made him appear very desirable, so much more as we expect to entertain the rose and carnation societies.

Florists always know how to combine pleasure with business and it was not long before a plan became a fact whereby our genius of chrysan-

mum growers, Elmer D. Smith of Adrian, was secured to read a paper on chrysanthemums in Chicago next October and a party of the local club will be there as his court of honor.

Connecticut Nurserymen’s Association.

The Connecticut Nurserymen’s Association met again this year on the grounds of The Elm City Nursery Co. in New Haven, Conn., July 26th, for their annual summer outing. The day was perfect in every respect. The recent rains made undere very fresh and attractive. A special feature at the nursery which was a source of universal interest among the members is a collection of rare Japanese plants which were personally selected last winter in Japan. After journeying through the nursery’s fields of well-cultivated stock and comparing notes of mutual interest, the members took autos to the west-shore, where they liberally feasted. Later after a short business session the members gave themselves generally to the attractions of the shore. All agreed that this season’s outing proved to be a most enjoyable one.

A Good Time at Washington.

Some 250 florists of the District of Columbia, Maryland and Virginia with their families and invited guests ac-
New York Bowlers.

On Aug. 11 the last bowling of the season will take place and Capt. Chadwick will select his Baltimore team. The Plenon balls have been won by Shaw, Scott, Kakuda, Manda and Chadwick, and Mr. Chadwick will play evening, July 28, as was follows:

Shaw 154, 142, 158, 159
Kakuda 150, 134, 176
Chadwick 172, 143, 150
Manda 156, 188, 140
Shaw 154, 142, 158, 159

Notes.

The Chicago Carnation Co.'s base ball team lost its first game Sunday, Aug. 19, to 16, the Washington street team of Joliet being the victors.

The Chicago florists are not neglecting to bowl. Their team for the convention is doing good work and is full of enthusiasm, which is half the battle.

(some text about the result of a bowling game and the players involved)

SOME NEW THINGS.

A paper read by E. G. Hill before the Illinois State Florists Association.

As the Rose has "right of way" by general consent will begin by considering the contributions of European and American which have recently come under my notice.

Juliet (Wm. Paul & Son) is unquestionably the most distinctive of all new roses—it is a garden variety of strong growth, making heavy upright canes and has the good quality of flowering throughout the season. The color is a mingling of silvery gold and dark red, and it is a deep orange yellow, crimson and pink. This variety should make not only a fine rose for the garden, but a beautiful market pot plant. It has been described as a hybrid of Austrian copper and Persian somewhere in its lineage.

Edward Mawley (McGreedy). This magnificent flower is the result of crosses made by all who saw it at the National Rose Show at Regent's Park as being the finest of all the Hybrid Teas. It is a large flower, of grand form, of the shape of a goblet, and such a warm reception as was accorded this variety by the English public. It was named for Mr. Edward Mawley, the eminent seed merchant of the National Society. It is worthy of trial under glass.

Rayon d'Or (Pernet) is one of the most wonderful advances in color among the recently introduced roses and as seen growing daily at Lyon, France, in the raiser's garden was a slight never to be forgotten. It is a distinct plant with a distinct flower, with a brilliancy in its yellow ground color that it is hardly possible to describe; it is frequently marked and splashed with rose color. It is the result of a hybrid of this color and it will hold its foliage in our climate.

Beauty de Lyon (Pernet) was the winner of the Paris gold medal last year and is now being extensively grown in this country. This and Juliet should, on account of their extraordinary vigor, make good garden varieties. The color is red, shading to yellow; a very strong heavy grower with ample foliage and a flower large, full and globular; a magnificent bedder.

Coral Queen (McLeod) holds from Holland and is one of the strongest in the family; it outgrows every other variety on our benches, and is constantly sending up bracts in abundance each Intersection with a glorious flower in two tones of color, fiery red within, the outside of petals silvery, rosy white. Of fine rounding form, one of the largest roses, was awarded eight prizes in Europe.

Miss Alice de Rothschild. This is one of the Alexander Dickson varieties, and is in particular; the variety of the Newfoundlands looked like a violet--a dwarf Marchal Nell. This should make a fine bedding or garden rose in this country. The color is a marbled crimson and being in greater demand than a deep yellow rose of fine rounded form for the border.

Aaron Ward is a rose that compels admiration; first of all it is a very free grower, producing very handsome glossy foliage in great profusion. It holds grandly when bedded out, it is one of the finest varieties that we know, and throws good long canes readily; Admiral Ward, the greatest amateur rose-grower in the world, is buying thousands of this variety for his best bedders in our trying American climate; in the greenhouse, a marvel of beauty, for beside having great canes it is sparsely covered with profusion of foliage, it forces readily, is extremely free, can be cut very tight for shipment, and opens beautifully; the color is a deep orange yellow seen in no other rose and it develops into a large rosette-shaped flower, glowing orange in the center shading to a medium yellow on the edges; you all know of its popularity in the East; it will soon be found in every forcing establishment.

Another aspirant for favor in the yellow class is a new variety grown by Mr. John Smiley, which is being called a very nice reception by the trade; it is notable for its freedom as a forcing variety, and it will be found in the market the day when Marchal Nell is. Later, Perle des Jardins, were the most popular of cut roses, and a division was lacking in elegance without them. Scene de Siecle is a fine variety, and Hill will still be fine property for the cut-flower man if only they could be marketed in quantity.

The Double Killarneys are awakening interest and will be found most...
Joseph Heacock Company's Price List

**Areca Lutescens**

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pot</td>
<td>Each</td>
</tr>
<tr>
<td>In.</td>
<td>5</td>
</tr>
<tr>
<td>6-in.</td>
<td>3</td>
</tr>
<tr>
<td>8-in.</td>
<td>3</td>
</tr>
</tbody>
</table>

**Cedar**

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tub</td>
<td>Each</td>
</tr>
<tr>
<td>In.</td>
<td>6</td>
</tr>
<tr>
<td>9-in.</td>
<td>3</td>
</tr>
</tbody>
</table>

**Cocos Weddelliana**

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pot</td>
<td>Each</td>
</tr>
<tr>
<td>In.</td>
<td>1</td>
</tr>
</tbody>
</table>

**Kentia Belmoreana**

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pot</td>
<td>Each</td>
</tr>
<tr>
<td>In.</td>
<td>6</td>
</tr>
<tr>
<td>9-in.</td>
<td>6</td>
</tr>
</tbody>
</table>

**Chibotum Schiedei**

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tub</td>
<td>Each</td>
</tr>
<tr>
<td>Spread</td>
<td>4 ft.</td>
</tr>
</tbody>
</table>

**Kentia Forsteriana**

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pot</td>
<td>Each</td>
</tr>
<tr>
<td>In.</td>
<td>6</td>
</tr>
</tbody>
</table>

**Phoenix Roebelini**

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tub</td>
<td>Each</td>
</tr>
<tr>
<td>High</td>
<td>7-in.</td>
</tr>
<tr>
<td>7-in.</td>
<td>24-in.</td>
</tr>
</tbody>
</table>

**Joseph Heacock Company, Wyncote, Pa. Railway Station, Jenkintown.**

Useful for summer cutting owing to the additional petalage.

This rose is one of the very curious incidents regarding the sporting of roses (or other plants). These sports very often appear simultaneously with different growers, as if a given space of time allowed the variation to work to completion. You will remember that the white form of Killarney appeared at several places about the same time; we found it on several of our plants the same year that it originated farther East, though none of our sports proved paler pink.

Two years ago Richmond sported pink; not a very bright shade, but interesting, so we tried out a dozen plants of it; one of these pink Richmonds sported double, giving just twice as many petals as the average Richmond. Early this year, this double pink Richmond reverted back to the pure crimson scarlet, but retained the fullness of petals, so that we now have a finely doubled Richmond which holds its form without dropping for full two weeks, and we hope to be able to fix this sport, believing that it will be valuable.

Orleans Rose. Here is what the market has been looking for—a dwarf Polyantha that promises to make an ideal pot rose—it is the showiest and prettiest of the pink "Baby" roses; a dainty little variety of beautifully rounded habit, huge bouquet of brilliant bloom, deep cerise with showy center of pure white, flowers not crowded, but of beautiful arrangement. The color is irresistible; the plant grows like a weed, and the flowers are nearly "immortelle" in their lasting quality. We believe that they will outlast any other rose in existence, with their stiff, paper-like texture.

This pretty little variety took Europe by storm, and will make a sensation as soon as shown in this country; I shall be greatly surprised if its introduction does not mark a new era in the pot culture of roses, and if especially intended for a companion, is the inexpressibly lovely little Zelia Bourgeois, a pure white early flowering "Baby" that is as dense in its mass of snow color as a cherry tree in bloom, and of the utmost symmetry in habit.

Excelsa. A Wchiruiana with the same color as the popular Crimson Rambler. This is a veritable crimson or red-flowering Dorothy Perkins, and Mr. Walsh is entitled to great credit for having raised this charming novelty; one of its chief beauties is its glossy persistent foliage, combined with its high color.

Wm. Paul's Althea, Guillot's Marquise de Ganay, Pernet's St. Chaffe, Lowe and Shawyer's Lady Hillington, and Roes d'Arce (a recent symposium and petalage), and Souv. de Gustave Prat are all decidedly out of the ordinary, with several others quite as good; it is a notable year for new roses. I realize that there are other aspirants for popular favor both at home and abroad, but I am speaking only of those with which I have had some personal experience.

I purposely refrain from mentioning our seedling, Rose Queen, which we are now disseminating, and also Sunburst, the French variety, which goes out next year, not because I could not say a great deal about them if I were to begin, for a man's seedling roses, and even his adopted novelties, become very dear to his heart.

Following the Rose comes the Carnation. After the hard work of the past year, the breeding will be of necessity pushed to a greater extent. The Christian is growing so well that it may be the aim of the breeder to produce varieties with larger blooms, with longer stems, and a stronger color. The initial petals should be removed at once, and the blooms allowed to get for themselves in the middle, and then the inner petals will be of the best color, and the flowers will be of a larger size. The strong color of the Christian will be the main point in which it will be sought to improve.

In Carnations, we must not forget the novelty of the new breed of Pink, which has now come into vogue. The Pink Carnation is a sensation, and we are very much interested in the development of this new variety. It is a most interesting plant, and we are sure that it will be a great success in the future, as it is so easily grown and raised. The blooms are large and showy, and the plant is a hardy one, able to withstand exposure to cold weather. The color is a beautiful shade of pink, and the flowers are profuse and showy. It is a most attractive plant, and we are sure that it will be welcomed by the flower-grower as a valuable addition to his stock.
WE WILL EXHIBIT AT THE BALTIMORE CONVENTION

Dreers’ Variegated Pineapples (ANANAS SATIVA VARIEGATA)

We are the first to offer this most beautiful of all variegated foliage plants in quantity and at prices nearly as low as good Pandanus Veitchii can be purchased for.

You will make no mistake in giving these a trial; it will make a chance and variation in your foliage plants which will be appreciated by your customers and which will prove a profitable investment to you.

1-inch pots, fine plants.......
2-inch pots, fine plants.......
3-inch pots, fine plants.......

We will also show a full line of Seasonable Dreer Specialties and our staff of salesmen will be in attendance and will give full information regarding same.

If you are passing through Philadelphia, stop off and visit our Riverton and Riverview Nurseries; an inspection of both of these places is certain to prove both pleasant and profitable.


Pink, the pretty early English variety, tells Bower and Winter Cheer, a fine all round white for every purpose; Heston White and Winter Cheer, clean cut and close clipped, perfect in color tone; in these with the Golden Gem, a round, shapely plant, a ball and compact, and the lovely new singles. What interest would be lost to the yearly procession should the bare beauty drop out of the catalogue?

Among miscellaneous plants, Mr. Julius A. Peterson is to be warmly congratulated on his Lorraine Iegouma Cinnamon; if the parent is a beauty in habit and of color, its splendid keeping qualities make a satisfactory house plant of wonderful effectiveness and durability, where the parent variety always gave concern for fear it might speedily “go down” on removal from the greenhouse; Cincinnati probably ranks as premier of the entire list of pot plants.

Wilhelm Pfister of Stuttgart has given us a new white gladiolus, Europa, which in all probability will rank with the finest known. It will certainly find a place in the market and in the home.

Among miscellaneous plants, Mr. Julius A. Peterson is to be warmly congratulated on his Lorraine Iegouma Cinnamon; if the parent is a beauty in habit and of color, its splendid keeping qualities make a satisfactory house plant of wonderful effectiveness and durability, where the parent variety always gave concern for fear it might speedily “go down” on removal from the greenhouse; Cincinnati probably ranks as premier of the entire list of pot plants.

Wilhelm Pfister of Stuttgart has given us a new white gladiolus, Europa, which in all probability will rank with the finest known. It will certainly find a place in the market and in the home.

Pink, the pretty early English variety, tells Bower and Winter Cheer, a fine all round white for every purpose; Heston White and Winter Cheer, clean cut and close clipped, perfect in color tone; in these with the Golden Gem, a round, shapely plant, a ball and compact, and the lovely new singles. What interest would be lost to the yearly procession should the bare beauty drop out of the catalogue?

Among miscellaneous plants, Mr. Julius A. Peterson is to be warmly congratulated on his Lorraine Iegouma Cinnamon; if the parent is a beauty in habit and of color, its splendid keeping qualities make a satisfactory house plant of wonderful effectiveness and durability, where the parent variety always gave concern for fear it might speedily “go down” on removal from the greenhouse; Cincinnati probably ranks as premier of the entire list of pot plants.

Wilhelm Pfister of Stuttgart has given us a new white gladiolus, Europa, which in all probability will rank with the finest known. It will certainly find a place in the market and in the home.

Pink, the pretty early English variety, tells Bower and Winter Cheer, a fine all round white for every purpose; Heston White and Winter Cheer, clean cut and close clipped, perfect in color tone; in these with the Golden Gem, a round, shapely plant, a ball and compact, and the lovely new singles. What interest would be lost to the yearly procession should the bare beauty drop out of the catalogue?

Among miscellaneous plants, Mr. Julius A. Peterson is to be warmly congratulated on his Lorraine Iegouma Cinnamon; if the parent is a beauty in habit and of color, its splendid keeping qualities make a satisfactory house plant of wonderful effectiveness and durability, where the parent variety always gave concern for fear it might speedily “go down” on removal from the greenhouse; Cincinnati probably ranks as premier of the entire list of pot plants.

Wilhelm Pfister of Stuttgart has given us a new white gladiolus, Europa, which in all probability will rank with the finest known. It will certainly find a place in the market and in the home.

Pink, the pretty early English variety, tells Bower and Winter Cheer, a fine all round white for every purpose; Heston White and Winter Cheer, clean cut and close clipped, perfect in color tone; in these with the Golden Gem, a round, shapely plant, a ball and compact, and the lovely new singles. What interest would be lost to the yearly procession should the bare beauty drop out of the catalogue?

Among miscellaneous plants, Mr. Julius A. Peterson is to be warmly congratulated on his Lorraine Iegouma Cinnamon; if the parent is a beauty in habit and of color, its splendid keeping qualities make a satisfactory house plant of wonderful effectiveness and durability, where the parent variety always gave concern for fear it might speedily “go down” on removal from the greenhouse; Cincinnati probably ranks as premier of the entire list of pot plants.

Wilhelm Pfister of Stuttgart has given us a new white gladiolus, Europa, which in all probability will rank with the finest known. It will certainly find a place in the market and in the home.

Pink, the pretty early English variety, tells Bower and Winter Cheer, a fine all round white for every purpose; Heston White and Winter Cheer, clean cut and close clipped, perfect in color tone; in these with the Golden Gem, a round, shapely plant, a ball and compact, and the lovely new singles. What interest would be lost to the yearly procession should the bare beauty drop out of the catalogue?

Among miscellaneous plants, Mr. Julius A. Peterson is to be warmly congratulated on his Lorraine Iegouma Cinnamon; if the parent is a beauty in habit and of color, its splendid keeping qualities make a satisfactory house plant of wonderful effectiveness and durability, where the parent variety always gave concern for fear it might speedily “go down” on removal from the greenhouse; Cincinnati probably ranks as premier of the entire list of pot plants.

Wilhelm Pfister of Stuttgart has given us a new white gladiolus, Europa, which in all probability will rank with the finest known. It will certainly find a place in the market and in the home.

Pink, the pretty early English variety, tells Bower and Winter Cheer, a fine all round white for every purpose; Heston White and Winter Cheer, clean cut and close clipped, perfect in color tone; in these with the Golden Gem, a round, shapely plant, a ball and compact, and the lovely new singles. What interest would be lost to the yearly procession should the bare beauty drop out of the catalogue?

Among miscellaneous plants, Mr. Julius A. Peterson is to be warmly congratulated on his Lorraine Iegouma Cinnamon; if the parent is a beauty in habit and of color, its splendid keeping qualities make a satisfactory house plant of wonderful effectiveness and durability, where the parent variety always gave concern for fear it might speedily “go down” on removal from the greenhouse; Cincinnati probably ranks as premier of the entire list of pot plants.

Wilhelm Pfister of Stuttgart has given us a new white gladiolus, Europa, which in all probability will rank with the finest known. It will certainly find a place in the market and in the home.

Pink, the pretty early English variety, tells Bower and Winter Cheer, a fine all round white for every purpose; Heston White and Winter Cheer, clean cut and close clipped, perfect in color tone; in these with the Golden Gem, a round, shapely plant, a ball and compact, and the lovely new singles. What interest would be lost to the yearly procession should the bare beauty drop out of the catalogue?

Among miscellaneous plants, Mr. Julius A. Peterson is to be warmly congratulated on his Lorraine Iegouma Cinnamon; if the parent is a beauty in habit and of color, its splendid keeping qualities make a satisfactory house plant of wonderful effectiveness and durability, where the parent variety always gave concern for fear it might speedily “go down” on removal from the greenhouse; Cincinnati probably ranks as premier of the entire list of pot plants.
PANSY—Boddington’s “CHALLENGE”—All Colors

This mixture contains all the finest Giant strains—of the leading Pansy specialists in the world—the Giant sulflower, the Giant striped and margined, and the Giant blotched, etc., all carefully mixed in proportion—the finest that money can buy—the finest you can buy. A Hortist who has grown it said, “Why don’t you call it a Masterpiece?”

Trade pkt., 1/2 oz., $0.50; 1 oz., $1.00; 1/4 lb., $5.00; 1 lb., $10.00

ARTHUR T. BODDINGTON, Seedsman, 342 West 14th St., NEW YORK
BOBBINK & ATKINS
WORLD'S CHOICEST FLORIST AND NURSERY PRODUCTS.

We are growing in our greenhouses and in our 250 acre nursery a large variety of material constantly in demand by florists. Our Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

B. & A. SPECIALTIES.
PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill station is the second stop on Main Line of Erie Railroad.

Nurserymen and Florists

Rutherford, N. J.

American Grown Roses

FRUIT AND ORNAMENTAL TREES, SHRUBS, SMALL FRUITS, CLEMATIS. EVERGREENS.

Write for Trade List. W. & T. SMITH CO. GENEVA, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK

WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS

A GENERAL ASSORTMENT OF
Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our illustrated and descriptive Catalogue for the asking.

THE BAY STATE NURSERIES

LILY BULB NOTES.

Market Wharf certainly presented a scene of activity for a short time towards its "Daisy end" on Thursday morning last shortly after 10 o'clock. First of all came the Daisy from St. Davids loaded up or down, just as you choose to call it, with an extraordinary choice assortment of Lily Harris bulb from 4's, to beyond extra in size and in appearance said never to have been surpassed. These bulbs were from St. Davids Island, where we understand some very good as well as very bad lilies have been raised this season, for parties at the West End. Some few weeks ago we asked one of the growers concerning the lily crop on St. Davids for this season and he replied that it was awfully bad, but the bulbs seen this morning looked certainly good.—Royal Gazette, July 22, Hamilton, Bermuda.

Isaac Bunting, the London exporter, is shipping from his Japan branch lily bulbs to the States for Von Zennefeld Bros. & Filippo packed in larger cases of four cubic feet and of heavier weight. This is a new method of packing and it will be interesting to know how the bulbs will stand the long journey. Small cases have been generally thought advisable owing to the danger of rot if too many bulbs were packed in one case.

Up to and including shipments to July 10, 1911, there were exactly 500 cases of lily bulbs shipped from Japan, principally to Europe, via Pacific ports.

The crop of Formosan is reported to be short in small sizes and long on large sizes of 10 inches upward.

SEED TRADE NOTES.

Florence, S. C.—The Palmetto Nurseries, T. De Wint House, proprietor, intend adding a seed department to their business.

Northfield, Minn.—The Northfield Seed Co. has purchased the nursery business of C. P. Nichols. Mr. Nichols will retain the flower and greenhouse departments.

Kansas City, Kan.—The Rudy-Patrick Seed Co. has been incorporated with a capital stock of $40,000. Incorp- orators, Frank Rudy, Howard S. Patrick and John W. Miller.

Yonkers, N. Y.—There is being erected for W. B. Thompson a range of houses which will embrace fruit, cut flowers and commercial plants. The general superintendent, H. I. Cushing, piloted the writer over the grounds and pointed out several houses in course of construction. The plan includes an approach from the height by a succession of steps leading from the mansion now in course of erection and which will command a grand view of the Hudson river. The dome of the palm house located in the centre of the group will be 60 ft. high.

There have been over one hundred varieties and grades of rice grown in Japan. The difference in quality is very great, but how much does your Grocer know about rice? Now if a salesman came to you to sell Mining Stock you would likely, want to know something about the mine; where it was; how much per ton the raw material was worth; the cost of producing it at the market price, etc. But if a bulb salesman offered you Japan bulbs you would never think to ask him from what part of Japan they came from, how the fields look, or anything about them. Funny, isn't it? Well the fact is, not one out of ten know anything about it. With them "pigs is pigs" and "bulbs is bulbs" and the lower the selling price the better for them. However, there is a difference in lily bulbs and that difference has cost many a grower more than he realizes or cares to admit—and all is due to his anxiety to save a penny the wrong way. The best Gigan- teum produced today are labelled Horseshoe Brand. They are incidentally about the best in lily bulbs any man could buy. Don't believe what we say about them because we know about them and you don't—so try them—that's the way to tell—and compare your profits. Write for prices.

Ralph M. Ward & Co.

12 West Broadway NEW YORK CITY

Bamboo Canes, Cold Storage Gigan- teum, Formosas, Magnificent and Auratum ready for delivery now or later.

Headquarters for FALL BULBS

Send for Trade List

John Lewis Childs
Flowerfield - LONG ISLAND, N.Y.
Seed Trade

A young seedsman now visiting the great seed-growing establishments of Continental Europe for the first time, writing of his experiences, says: "We have not yet got all the good things in horticulture in the United States. True! but we are getting them, and we are getting them more and more rapidly with each succeeding year."

Fordhook is an example of the introduction of the European system of trials of varieties of flowers and vegetables. Our leading seedsmen and seed growers now make comprehensive trials of the principal kinds of seeds they sell or grow.

The Fordhook trials this season comprise, firstly, sweet peas, of which there is a most complete assortment, not only of the hundreds of varieties now cultivated, but of several growers' stocks of each variety, thus demonstrating their quality and purity of each; secondly, cabbages, savoys, Brussels sprouts, cauliflowers, broccoli, kales, kohlrab and other brassicas in great variety, and from many sources. The lessons learned are well worth the pains taken, not only to the seedsmen and growers, but to their patrons; the selection and listing of the most desirable sorts and the selections of the best strains of these are of inestimable value. For instance, we note that the old pointed Jersey Wakefield cabbage is still unexcelled for earliness, but many of the stocks of it have become so degenerate that only by growing those of the different producers side by side may the seedsmen be reasonably sure of supplying their customers with seed of high grade. The trial also brings to view new varieties of excellence like the Danish Early Market, which in point of earliness is a close second to the Jersey Wakefield, somewhat larger and quite ball-shaped; thirdly, lettuces occupy a large section of these trial grounds. The freak sorts are omitted, but no really good form in any of the numerous types of lettuces is absent.

The Fordhook trials include many kinds of vegetables and flowers in addition to those already mentioned. Such work is most encouraging horticulturally, for it insures the dissemination of improved sorts and the discarding of inferior ones.

Notes.

Young celery plants are almost impossible to be obtained in New York. What few stocks are available bring from $7.00 to $7.50 a thousand and even at these extraordinary figures orders cannot be filled.

Writing July 28th from Ogden, Utah, Howard M. Earl reports that he had not yet inspected the crops in that locality—having just arrived there after inspecting crops in New York State and Michigan. In the latter states, peas promise a very poor crop again this year.

COLDWELL LAWN MOWERS
Hand—Horse—Motor
Known All Over the World
Catalogue on Request.
NEWBURGH, N. Y.
AT SURPRISINGLY LOW PRICES
FOR SALE—NEW CROPS

500,000 lbs. TIMOTHY SEED
250,000 lbs. CRIMSON CLOVER
1,000,000 lbs. KAFFIR CORN

We sell many things at lower prices than you can possibly buy elsewhere.
Try us.
Our Reference—The Publishers of this Paper.

J. BOLGIANO & SON
Founded 1818—Established 93 years

Office and Salesroom—LIGHT, PRATT and ELLICOTT STREETS;
Pier and Poultry Food Plant—MONTGOMERY STREET and THE HARBOR
BALTIMORE, MD.

AT SURPRISINGLY LOW PRICES
FOR SALE—NEW CROPS

500,000 lbs. TIMOTHY SEED
250,000 lbs. CRIMSON CLOVER
1,000,000 lbs. KAFFIR CORN

We sell many things at lower prices than you can possibly buy elsewhere.
Try us.
Our Reference—The Publishers of this Paper.

J. BOLGIANO & SON
Founded 1818—Established 93 years

Office and Salesroom—LIGHT, PRATT and ELLICOTT STREETS;
Pier and Poultry Food Plant—MONTGOMERY STREET and THE HARBOR
BALTIMORE, MD.

SEEDS, PLANTS, BULBS
All seasonable kinds of best quality
Special prices on large lots
JAMES VICK'S SONS,
Seedsman
ROCHESTER, N. Y.

Burpee's Seeds
PHILADELPHIA

Joseph Breck & Sons Corp.
47-54 No. Market St., BOSTON, MASS.

Import Bulb List
Well Worth Reading
Send for a copy

The W. W. Barnard Co.
108-110 W. Kinzie St., CHICAGO

CAULIFLOWER SEED
MANGOLD, SWEDISH, TURNIP
LILY OF THE VALLEY PIPS
HJALMAR HARTMANN & CO.
COPENHAGEN, DENMARK.

In ordering goods please add "I saw it in HORTICULTURE."

Farquhar's Flower Seeds for The Florist
Write for our Wholesale Catalogue

R. & J. FARQUHAR & CO.
Boston, Mass.

Asparagus Plumosus Manus
New Crop Just Received
We offer while unsold as follows:
1,000 seeds $1.00.
5,000 seeds and up @ 85.50 per 1000
10,000 seeds and up @ 7.50 per 1000
20,000 seeds and up @ 1.75 per 1000

Cold Storage Lily of the Valley Pips
HIGHEST GRADE
Cases of 1000 pips @ $1.00 per case
Cases of 3000 pips @ 35.00 per case

J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

CHOICE SEEDS
FOR PRESENT PLANTING
Stocks, Asters, Chinese Primulacs, etc.

THOMAS J. GREY CO.
32 South Market Street, Boston, Mass.

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas,
Ornamentals for the Wholesale Trade Only.

SAN JOSE, CALIF.
Of Interest to Retail Florists

San Francisco, Calif.—Luke’s Flower Shop, Powell street, has been discontinued.

Lincoln, Neb.—A three-story building is being erected by Chapin Bros., to be occupied by their store and the Lincoln Gas Co.

Salt Lake City, Utah.—Property at the corner of First South and Second West street has been purchased by C. A. Hubel for greenhouse purposes.

Fargo, N. D.—The Fargo Floral Co., J. D. Smedley, has incorporated with a capital stock of $25,000. They intend to build three greenhouses as is reported in another column.

The Ayers Floral Co., St. Louis, have completed their improvements at their Grand Ave. Store. The place, under the new management of Mr. Goddard, has a handsome appearance in and outside.

Grand Rapids, Mich.—A two-story cement block, combination potting shed and boiler room, is being built by the Wealthy Avenue Floral Co.

The Grand Rapids Floral Co. is building a cement block, two-story storage barn.

H. Bayersdorfer & Co., Philadelphia, have been working for several months on a new and elaborate illustrated catalogue of florists’ supplies which will be ready for distribution about September first and will be one of the finest productions in that line ever issued.

Denver, Colo.—The lease of the store occupied by the Scott-Martin Floral Co. has been secured by George H. Cooper. He will conduct a flower store there, still continuing his store at 832 Fifteenth street. F. Tinker will be in charge of the new store.

The flower stand of Thomas McDonald, Fifteenth and Lawrence Sts., has been closed.

NEW FLOWER STORE.
Sheridan, Wy.—The Best Floral Co., East Locust street.

ALEX. McCONNELL
571 FIFTH AVENUE
NEW YORK CITY

Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trader to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls, 487 and 488 Murray Hill

Wm. H. LONG
412 Columbus Ave.

DELIVERY IN NEW YORK CITY
Orders for Steamer, Theatre, Hotel, or Residence Carefully Packed.

DAVID CLARKE’S SONS
Deliver orders from any part of the country to

New York City
Or Out-Going Steamers

Write or telegraph

2139-2141 Broadway, New York

Telephone 552-553 Columbus

Established 1874.

YOUNG & NUGENT
42 West 28 St., NEW YORK

“FLOWERS BY TELEGRAPH”

Wilson
Fulton St. and Greene Ave., Brooklyn, N.Y.

MATTHEWS, The
DAYTON, OHIO.

Is elegantly equipped to take care properly of all orders for flowers entrusted to him night or day.

For Dayton, Ohio and Vicinity

“The Home of Flowers”

The largest cut flower store In America.
Orders for the Twin Cities and for all Northwestern points given prompt attention.

HOLM & OLSON, Incorpor.  
ST. PAUL, MINN.

BOSTON’S BEST
In Quality and Design

Can be relied upon when you transfer your retail orders to

EDWARD MACMULKIN
194 Boylston Street, Boston

LOUISVILLE, KY.  
JACOB SCHULZ,  
550 South Fourth Ave.
IN MID-SUMMER

Yes, it is now mid-summer. For a few weeks to come you will have to be wide-awake to catch the little chunks of business that occasionally materialize in this low-tide period.

Let Us Help You

Whether mid-summer or any other season we are always "on our job" and can give you more and better goods than you can get for your money anywhere else. Our H. Bayersdorfer's novelty purchases in Europe this summer are beginning to arrive. "Are you on?" Write us a line and we'll send you a list. At the same time try a few of our Preserved Natural Ferns, Magnolia and Cycas Leaves, etc. They never wilt. Once tried always wanted.

H. Bayersdorfer & Co.,
1129 Arch Street, Philadelphia, Pa.

CHICAGO NOTES.

Dynamite Explosion.
The Washington Park Conservatories suffered a explosion of dynamite early Sunday morning, July 30th. The dynamite had been concealed in a clump of shrubbery and considerable damage was done to the glass and frame work of the greenhouse. Supt. Foster is unable to give any possible cause as there was no trouble with the help. The night watchman was fortunately at the further end of the building and no one was hurt. The loss is estimated at $200.

Trade Jottings.
The A. Henderson Co. have rented room 420 in the Atlas Block and took possession August 1st.
Frank A. Benthey has gone into partnership with Mr. Briscoe at Tipton, Ind., and the firm name is now Briscoe & Benthey.

Gus Caner has sold his retail business in 39 W. Randolph street to Gus Constantine. He will continue to operate the store at 29 E. Randolph.

Kroselell Bros. are getting a car load of their boilers off to the Baltimore Convention. They have engaged 290 square feet of space and will show a complete collection of all boilers adapted to greenhouse use.

The Foley Manufacturing Co. are extremely busy these days filling orders from the many florists who are building their new catalogue this month under which which will complete will contain much valuable information, illustrated with cuts of their houses from New York to California.

Phil Eichling, for six years with Harry Rove, the Palmer House florist, and Wm. Wadsworth, for many years with the Geo. Wittbold Co., have gone into the landscape business together. The new firm will be known as the Northwestern Nurseries with office at 1518 Chicago avenue, Evanston, Ill.

Our retailers in the extreme southern part of the city are having their full share of the trade this summer and keeping their stores up as attractively as their up-town competitors. Miss Kossman, who returned to the stores at 1306 E. 63rd street, has a particularly attractive window with an aquatic tank as a central feature. This week the water was clear and gold fish. Last week it was a lily pond, etc. Branches of green give the appearance of a woodland retreat.

Personal.

August Lange and family returned Monday from Colorado Springs, Colo. W. H. Kidwell returned from his summer hotel at Eagle Lake, Mich., last Monday.

Miss C. Paradise of Vaughan & Simpson's left Saturday for two weeks at Bass Lake, Ind.

Miss Nettie Parker of the Chicago Carnation Co.'s office is spending two weeks on a lake trip.

Miss Harper of the E. H. Hunt office force will have her outing at White Lake, Mich., with her sister.

Reit, Nischan, manager for Geo. Reineberg, has returned with his family from two weeks at White Lake, Mich.

Miss A. Olsen, bookkeeper at A. Lange's, will have a long rest this summer, going with a party to spend six weeks at Pawpaw Lake, Mich.

J. Simmons has been kept busy attending to the wants of the soldiers at the National Military Tournament last week, where he has charge of the commissary department.

At the W. W. Barnard retail seed store on 5th avenue all the employees have had vacations. W. L. Rousse returned from Michigan, Monday, and Mr. Stewart, who was driven home by the heat last month, will try again in August. All the equipment for the new store on Madison street is being made and will be of the best. W. W. Barnard has just returned from an eastern trip.

Visitors for the week were H. E. Kidder of the Ionia Pottery Co. and members of the charming town; August Dress, Crown Point, Ind.; Mr. Schef- feler, manager for E. T. Wanzer, Wheaton, Ill.; E. Welke, Milwaukee, Wis.; Mr. Metz, Oshkosh, Ill.; H. Phillips, Win- nipeg, Man.; D. F. King, Louisville, Ky.

INTEGRATED.

Columbus, O.—Northern Orchards Co., capital stock $10,000.

Pawpaw, Mich.—Wolverine Cooperative Nursery Co., capital stock increased from $15,000 to $25,000.


"FLOWERS BY TELEGRAPH."

Leading Retail Florists Listed by Towns for Ready Reference.

Albany, N. Y.—H. G. Estes, 11 N. Pearl St.

Amsterdam, N. Y.—Hatcher.

Ashton—Thos. F. Galvin, 124 Tremont St.

Boston—Edw. MacMaulkin, 144 Boylston St.

Bucks—Julia Zill, 1 Park St.

Brooklyn, N. Y.—Robert G. Wilson, Fulton St. and Greene Ave.

Buffalo, N. Y.—Palmer's 304 Main St.

Chicago—William J. Smyth, Michigan Ave. and 31st St.

Dayton, 0.—Matthews, The Florist.

Denver, Col.—Park Floral Co., 1614 B'way.

Detroit, Mich.—J. Breiteiner's Sons, Miami and Gracey Ave.

Kansas City, Mo.—Samuel Murray, 912 Convention Ave.

Kansas City, Mo.—W. L. Rock Flower Co. and Walnut St.

Louisville, Ky.—Jacob Schubel, 50 South Fourth Ave.

New York—David Clark's Sons, 2129-2141 Broadway.

New York—Alex. McConnell, 611 5th Ave.


New York—Young & Nugent, 42 W. 28th.

New York—Dardie, 448 St.

New York—Madison Ave.

St. Paul, Minn.—Helm & Olson.

Toronto, Can.—J. H. Dunlop, 96 Yonge St.

Washington, D. C.—A. Gude Bros., 1214 F St.

Wellesley, Mass.—Tibbitt.
**ASTERS**

Good stock. $1.00—$1.50 per 100
Choice stock $2.00 per 100
Fancy stock $2.50—$3.00 per 100

White—pink—purple. Flowers above the average in quality. They are more plentiful now. You can depend on us to fill your orders with carefully selected stock.

*The Leo Niessen Co.*
Wholesale Florists
1209 Arch Street, - PHILADELPHIA, PA.

---

**CUT FLOWER BOXES**

**EDWARDS FOLDING BOX CO.**

Manufacturers of Wholesale Florists' Boxes

---

**THE BEST LETTERS FOR FLORIST’S USE**

Order direct or buy from your local supply dealer, insist on having the BOSTON Inscriptions, Embossments, etc. Always in Stock.

---

**WELCH BROS.**

AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS

**BEST PRODUCED**

226 Devonshire Street, Boston, Mass.

---

**WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100 TO DEALERS ONLY**

<table>
<thead>
<tr>
<th>ROSES</th>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHILA.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Aug. 5</td>
<td>July 25</td>
<td>Aug. 2</td>
<td>Aug. 1</td>
</tr>
</tbody>
</table>
| Av.; Beauty, Fancy and Special | 15.00 | 15.00 | 15.00 | 15.00
| " Extra | 12.00 | 12.00 | 12.00 | 12.00
| " No. 1 | 8.00  | 8.00  | 8.00  | 8.00
| " Lower grades | 5.00 | 5.00 | 5.00 | 5.00
| Richmond, Poncey & Spl. | 5.00 | 5.00 | 5.00 | 5.00
| Killarney, Maryland, Fao, & Spl. | 5.00 | 5.00 | 5.00 | 5.00
| WHITE, 'Maid,' | 4.00 | 4.00 | 4.00 | 4.00
| WATERFORD | 2.50 | 2.50 | 2.50 | 2.50
| " No. 2 | 1.50  | 1.50  | 1.50  | 1.50
| " Ordinary | 1.00 | 1.00 | 1.00 | 1.00

**MISCELLANEOUS**

Cattleyas | 50.00—75.00
Lilies, Longiflorum | 50.00—75.00
Lily of the Valley | 50.00—75.00
Gladiolus | 50.00—75.00
Stocks | 50.00—75.00
Arsenas | 50.00—75.00
Daisies | 50.00—75.00
Snapdragon | 50.00—75.00
Sweet Pea | 50.00—75.00
Water Lilies | 1.00—2.50
Glandulas | 1.00—2.50
Adiantum | 1.00—2.50
Sphynx | 1.00—2.50
Asparagus plumosus, strings (no) | 1.00—2.50
H & Sphragis (100 bchls.) | 1.00—2.50

---

**J.A. BULDONG**

82-84-86 E. Randolph St., Chicago

OUR STOCK IS A-I AND IT IS QUALITY NOT PRICES THAT TALKS

---

**HENRY M. ROBINSON & CO.**

15 Province St., 9 Chapman Pl., BOSTON, MASS.

Everything in Flowers
Complete Stock of Florists' Greens,
Three Floors of Florists' Supplies.
Flower Market Reports.

BOSTON  The business of the current week seems to have been generally satisfactory. Out-of-town trade has disposed of all the stock. The two new roses—Radiance and Prince de Bulgarie (the latter mississ aims Mrs. Taft but will please people)—are making an excellent record in this market. There is nothing here or elsewhere, however, in the rose line to equal the superb Carnots seen every day at Welch Bros., who have a corner on this stock. These flowers are worth traveling a long distance to see. Lilium speciosum is a splendid property last but not least, bringing all the way from $1.50 to $1.00 per 100. The best lily of the valley ever seen in this market or elsewhere is here now and more than the price at which it can be sold.

BUFFALO  Flowers not plentiful the past week though there was about enough of everything to go around. Roses were in good demand, also gladioli, asters, lilies and other material and the market was cleaned up daily. Asters are coming on a little better although mostly with short stems and small blooms. Only a few choice blooms are seen. A good rain is badly needed for the later crops.

CHICAGO  The summer trade hard by held up to the average of the month during the closing week in July. There was no special reason for it other than that the demand, which has been fully up to any other July and quite possibly in excess of it, relaxed a little. Shipping orders showed less difference than local trade. All kinds of stock have been benefited by the low temperature of the last half of the month and will be a help with August, which promises warmer weather again. The new month starts in with a good supply of early asters, but the quality is not up to former years and the stems are, in the main, short. A very small proportion are cut with twenty-four-inch stems, and by far the greater portion with one-half that length. Summer roses can now be had to equal the average in quality and American Beauties are daily being cut with longer stems while the flower itself is very good. Gladioli are coming in quantity and the best varieties sell well. Fancy ferns now bring $1.50 per 1000.

Local market conditions are unchanged and retailers are many times put to their wits end to know what to supply. Carnations and sweet peas have thrived in numbers other summer flowers are completely played out. Asters are coming a little better, but in small quantity with no large amounts in sight. Rob. Klingbe is beginning to pick up numbers of roses among them very good La Detroit. Fred Breitnauer is shipping very good Beauties. The carnation situation is unchanged fact it is getting too late now for occasional rains to improve the plants. On the other hand the outlook for chrysanthemums is very good.

Since we have had a few bright days and cool nights the cut stock is looking much better than it has for several weeks and our wholesalers are in better humor. Roses are better. A good supply of white and pink Cochetts are now coming in daily. Carnations are very scarce and will be from now on until early in September. Asters are showing up well and are expected to be right plentiful from now on.

ASTERS

The early and mid-season varieties are now in quantity, good sized flowers with long stems, splendid quality; pinks, purples and whites. Orders of any size can be taken care of on short notice. Shipments reach us daily about 8 a.m. This has been a trying season for Asters. Our growers have been particularly fortunate, and our qualities are, therefore, above the average. The best values going! We take no credit for this. It is Fate.

$1.00 to $2.00 per hundred. Extra choice $3.00 per hundred.

S. S. PENNOC-K-MEEHAN CO.

THE WHOLESALE FLORISTS OF

NEW YORK
109 W. 26th Street
1608-1620 Ludlow Street

PHILADELPHIA

WASHINGTON
1212 New York Ave.

WHOLESALE FLOWER MARKETS.  TRADE PRICES—Per 100 TO DEALERS ONLY

<table>
<thead>
<tr>
<th>ROSES</th>
<th>CINCINNATI</th>
<th>DETROIT</th>
<th>BUFFALO</th>
<th>PITTSBURG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Am. Beauty, Fan &amp; Sp.</td>
<td>3.00 to 3.50</td>
<td>3.00 to 3.50</td>
<td>2.75 to 3.25</td>
<td>3.25 to 4.00</td>
</tr>
<tr>
<td>&quot; Extra</td>
<td>7.00 to 9.00</td>
<td>7.00 to 9.00</td>
<td>6.00 to 7.00</td>
<td>8.00 to 10.00</td>
</tr>
<tr>
<td>&quot; No. 1</td>
<td>8.00 to 10.00</td>
<td>8.00 to 10.00</td>
<td>6.00 to 8.00</td>
<td>8.00 to 10.00</td>
</tr>
<tr>
<td>&quot; Lower grades</td>
<td>4.00 to 6.00</td>
<td>4.00 to 6.00</td>
<td>3.00 to 5.00</td>
<td>5.00 to 6.00</td>
</tr>
<tr>
<td>Richmond, Chatsworth, Fan &amp; Sp.</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>2.50 to 3.50</td>
<td>3.50 to 5.00</td>
</tr>
<tr>
<td>&quot; Lower Grades</td>
<td>2.00 to 3.00</td>
<td>2.00 to 3.00</td>
<td>1.50 to 2.50</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Kilkeeley, Maryland, Fan &amp; Sp.</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>2.50 to 3.50</td>
<td>3.50 to 5.00</td>
</tr>
<tr>
<td>&quot; Low Grades</td>
<td>1.50 to 2.00</td>
<td>1.50 to 2.00</td>
<td>1.00 to 1.50</td>
<td>2.00 to 3.00</td>
</tr>
<tr>
<td>Bride,' Mild</td>
<td>2.00 to 3.00</td>
<td>2.00 to 3.00</td>
<td>1.50 to 2.50</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>&quot; Chinese, Carnot</td>
<td>1.50 to 2.00</td>
<td>1.50 to 2.00</td>
<td>1.00 to 1.50</td>
<td>2.00 to 3.00</td>
</tr>
<tr>
<td>CARNATIONS, First Quality</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
<td>0.50 to 1.00</td>
<td>1.50 to 2.00</td>
</tr>
<tr>
<td>Ordinary</td>
<td>1.50 to 2.00</td>
<td>1.50 to 2.00</td>
<td>1.00 to 1.50</td>
<td>1.50 to 2.00</td>
</tr>
</tbody>
</table>

MISCELLANEOUS

| Cattleyas | 1.00 to 1.50 | 1.00 to 1.50 | 0.50 to 1.00 | 2.00 to 3.00 |
| Lilies, Longiflorum | 10.00 to 15.00 | 10.00 to 15.00 | 10.00 to 15.00 | 15.00 to 20.00 |
| Lily of the Valley | 3.00 to 4.00 | 3.00 to 4.00 | 3.00 to 4.00 | 4.00 to 5.00 |
| Gladioli | 4.00 to 6.00 | 4.00 to 6.00 | 3.00 to 5.00 | 6.00 to 7.00 |
| Sticks | 1.00 to 2.00 | 1.00 to 2.00 | 1.00 to 1.50 | 2.00 to 3.00 |
| Asters | 1.00 to 1.50 | 1.00 to 1.50 | 0.50 to 1.00 | 1.50 to 2.00 |
| Daisies | 1.00 to 2.00 | 1.00 to 2.00 | 0.50 to 1.00 | 1.50 to 2.00 |
| Snapdragons | 0.25 to 0.50 | 0.25 to 0.50 | 0.15 to 0.35 | 0.50 to 1.00 |
| Sweet Peas | 0.25 to 0.50 | 0.25 to 0.50 | 0.15 to 0.35 | 0.50 to 1.00 |
| Gardenias | 0.25 to 0.50 | 0.25 to 0.50 | 0.15 to 0.35 | 0.50 to 1.00 |
| Adiantum | 1.00 to 2.00 | 1.00 to 2.00 | 0.50 to 1.00 | 1.50 to 2.00 |
| Asparagus Plumosus, strings (100) | 25.00 to 30.00 | 25.00 to 30.00 | 15.00 to 20.00 | 30.00 to 40.00 |
| " Sprea (100 lbs.) | 25.00 to 30.00 | 25.00 to 30.00 | 15.00 to 20.00 | 30.00 to 40.00 |

Gladioles are now becoming a glut and all the markets have plenty. Price is still up to $5 per 100 for America. Tuberosus stinks bring $5 in 100 lots. Hydrangeas $8.00. There are plenty of greens of all kinds except smilax and that had quite a big call last week.

(Continued on page 170)
HORTICULTURE August 5, 1911

P. J. SMITH
Successor to JOHN J. RAYNOR
Wholesale Commission Florist
SELLING AGENT FOR LARGEST GROWERS
THE HOME OF THE LILY
TEL. 1904 MADISON SQUARE
40 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—1312-1313 Madison Square

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST
GRADE OF VALLEY
ALWAYS
ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, Inc., No. 55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th>Last Half of Week ending July 29</th>
<th>First Half of Week beginning July 31</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.00 to 15.00</td>
<td>20.00 to 20.00</td>
</tr>
<tr>
<td>15.50 to 16.00</td>
<td>20.00 to 20.50</td>
</tr>
<tr>
<td>20.00 to 20.50</td>
<td>25.00 to 25.50</td>
</tr>
<tr>
<td>25.00 to 30.00</td>
<td>30.00 to 30.50</td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLOWERS
34 West 28th Street, New York
Telephone 1069 Madison Square

CONSIGNMENTS SOLICITED

SIEBRECHT & SIEBRECHT
Wholesale Florists
136 W. 28th St., New York City

A L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers
42 CONSIGNMENTS SOLICITED
54 West 28th St., New York City
Prompt Payment. Telephone 3559 Madison St.

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK
Shipments, any quantity, Wholesale Market Rates.

ROBERT J. Dysart
Public Accountant and Auditor
Simple methods of correct accounting especially adapted for Florists' use.
Books Balanced and Adjusted
Merchants Bank Building
28 STATE ST.
BOSTON
Telephone, Main 58.
Flower Market Reports
(Continued from page 775)

NEW YORK QUOTATIONS PER 100. To Dealers Only

Cattleyas
Lilies, Longiflorum
Lily of the Valley
Gladiolus
Stocks
Ames
Snapdragons
Snapdragon
Sweet Peas (per one bunches)
Asteras
African Daisies
Lupins
Mixtures and Stocks

<table>
<thead>
<tr>
<th>Variety</th>
<th>Last Half of Week ord. July 22</th>
<th>First Half of Week beginning July 31</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cattleyas</td>
<td>9.00 to 40.00</td>
<td>20.00 to 70.00</td>
</tr>
<tr>
<td>Lilies, Longiflorum</td>
<td>5.00 to 6.00</td>
<td>4.00 to 5.00</td>
</tr>
<tr>
<td>Lily of the Valley</td>
<td>1.00 to 3.00</td>
<td>1.00 to 3.00</td>
</tr>
<tr>
<td>Gladiolus</td>
<td>1.00 to 3.00</td>
<td>1.00 to 3.00</td>
</tr>
<tr>
<td>Stocks</td>
<td>1.00 to 3.00</td>
<td>1.00 to 3.00</td>
</tr>
<tr>
<td>Amaranth</td>
<td>1.00 to 3.00</td>
<td>1.00 to 3.00</td>
</tr>
<tr>
<td>Snapdragon</td>
<td>1.00 to 3.00</td>
<td>1.00 to 3.00</td>
</tr>
<tr>
<td>Sweet Peas (per one bunches)</td>
<td>1.50 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Asters</td>
<td>1.50 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>African Daisies</td>
<td>1.50 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Lupins</td>
<td>1.50 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Mixtures and Stocks</td>
<td>3.00 to 6.00</td>
<td>2.00 to 4.00</td>
</tr>
</tbody>
</table>

PERSONAL.
Professor C. S. Sargent, of the Arnold Arboretum starts this week on a trip to Colorado.

Mr. Stump, of Stump & Walter, New York, is expected home from his trip abroad next Monday.

David Welch, of Welch Bros., Boston, has returned from his brief visit to the old country greatly improved in health.

Arthur Smith has resigned his position with the People's Gardens of Washington, D. C., to take charge of the estate of George D. Horst at Reading, Pa., consisting of 400 acres.

The five-year-old son of O. W. D'Alcorn, of Congress Heights, D. C., narrowly escaped losing his left hand in a cutting machine. The wound was an ugly one and required the taking of quite a number of stitches before it could be closed.

Miss Frances I. Holmes, eighteen years of age, daughter of Eber Holmes, the rose grower of Montrose, Mass., has just won a scholarship at Radcliffe College. She led her class in German all the past year and got credit in all classes.

Frederick W. Taylor of Colorado has been appointed director of agriculture of the Philippine Islands, to succeed George Nesom, who recently resigned. He will enter upon his new duties early in October, with headquarters in Manila.

Mr. Taylor's appointment is expected to mark the beginning of the application of scientific methods in land culture in the development of the Philippines.

Mr. Taylor was chief of the department of agriculture and horticulture at the St. Louis Exposition of the Pan-American exposition at Buffalo and the trans-Mississippi exposition at Omaha.


St. Louis visitors—J. T. Farney of M. Rice & Co., Philadelphia and Julius Dillhoff of New York were calling on the trade in interest of their firms, also boosting the S. A. F. convention at Baltimore.


PHILADELPHIA NOTES.
Paul Berkowitz and family of Philadelphia, are spending their vacation at Atlantic City.

Harry Bayersdorfer returned from his annual European trip, on the Kaiserin Augusta Victoria, Saturday, July 20, looking the picture of robust health.

Maurice Fuld has just turned from a sojourn at Atlantic City. He reports this Philadelphia adjunct as becoming a favorite spot of late for our New York friends. Frank Traendly, W. A. Mauda, and many others were seen disporting themselves on the beach clad in bathing suits.

Samuel S. Pennock has been enjoying himself at the expense of his calli recently with a bouquet of red berries sent him by some Boston wags. Some would claim they were Barryberry, some one thing, some another—and others give it up. Then the gleeful Samuel would break one open and show they were Boston beany dried and stuck on a wire. The dog days are surely here when our florists have time for such foolishness.

Visitors—Mr. and Mrs. William Walker, Louisville, Ky.; Mr. Deans, of the Hollingsworth Floral Co., Atlanta, Ga.; W. J. Stewart, Boston, Mass.
Buyer's Directory and Ready Reference Guide

Advertisements under this head, one cent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Buyers failing to find what they want in this list will confer a favor by writing us and we will try to put them in communication with reliable dealers.

ACCOUNTANT
R. J. Downey, 26 St., Boston. For page see List of Advertisers.

BOILERS
Kroecheil Bros., 84 Erie St., Chicago. For page see List of Advertisers.

BOUVARDIAS
15,000 Bouvardias (single). Good strong 2½ in. pot, white and a few red, $2.50 per 100; $22.50 per 1000. Chas. H. Soule, 100 Market St., Scranton, Pa.

BOXWOOD
Boxwood for window boxes, $20.00, $22.50, $30.00, $40.00 per 100. Pyramids in tube, very nice, $5.00, $4.00, $3.00, $2.00 a pair. A. Schultheis, College Point, Queens, N. Y.

BULBS AND TUBERS
Joseph Breck & Sons, 47-54 N. Market St., Boston. For page see List of Advertisers.

BULBS & TUBERS
For pages see List of Advertisers.

CHRYSANTHEMUMS—Continued
Chrysanthemum cuttings, R. Hallday, Amerita, Ivory, Yellow J. Bonnaffon, Estelle, Pearly White, $1.00 per 100; 250 for $80; 500 for $1.50. Hill & Hammes, 315 Beal Road, Ballston, N. Y.

CHRYSANTHEMUMS
Bonnaffon, Booted cuttings, 80 J. Noland, 60 Yellow Bonnaffon. 100 W. Benoist, 75 Shue. 75 Pacific, 50 Pacific cuttings. 50 Dr. Egnenard, 45 Appleten, 50 Mrs. J. Jones, 100 Hallday, 60 M. Tenet, $1.50 per 100.

CARNATIONS—Continued
For page see List of Advertisers.

CARNATIONS
F. Dorner & Sons Co., Lafayette, Ind. For page see List of Advertisers.

FIELD GROWN CARNATIONS—White
eEquinett, Fair Maid, Harry Fenn, Law-son, Whipple, Queen, Beacon, Thomas Capers, Wellesley Hills, Mass.

FIELD GROWN CARNATION PLANTS
DIRECT FROM THE GROWER
For page see List of Advertisers.

FIELD GROWN CARNATION PLANTS
Price 37c., 1.00 per 100.

CINERARIAS
Chernor, best strain dwarf, 2½ in., $2.00 per 100; $30.00 for $5.00. J. C. Schmidt, Brie- tol, Pa.

Conserv
500 Cobras Scandens, 4 in. $1.00 per 100. purple, Or will exchange for Buxtons. Wm. Bros., 941 Dempster St., Evanston, Ill.

For List of Advertisers See Page 184
COCONUT FIBRE SOIL
20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

CUT FLOWER BOXES
Edwards Fisk Co., Philadelphia. For page see List of Advertisers.

CYCLAMEN
Cyclamen—Best Varieties in different colors, 3 inches pots, strong plants, $1.00 per 100, $2.00 per 500, Julius Roush Company, Rutherford, N. J.

DAHLIAS
Herbert, Acto, N. J. For page see List of Advertisers.

DAHLIAS—2500 field clumps, latest varieties, choice for cash, or what have you to exchange! Geo. H. Walker, Dahlia Expert, North Dighton, Mass.

DAHLIAS NEW FOR 1911.

DECORATIVE PLANTS


John Scott, Brooklyn, N. Y. For page see List of Advertisers.

DRACANAS
Dracena indivisa, 3 feet high and over, $5.00 to $20.00 per 100. A. Schultes, College Point, Queens- borough, N. Y.

EVERGREENS
New England Nurseries, Bedford, Mass. For page see List of Advertisers.

Bobblnk & Atkins, Rutherford, N. J. For page see List of Advertisers.

FERNS
A. Leuthy & Co., Roslindale, Mass. For page see List of Advertisers.

H. H. Harrows & Son, Whitman, Mass. For page see List of Advertisers.

John Scott, Brooklyn, N. Y. For page see List of Advertisers.

Frank Oechslin, 401 Quincy Street, Chicago, Ill. Ferns for Dishes. For page see List of Advertisers.


P. R. Pierson Co., Tarrytown-on-Hudson, N. Y. For page see List of Advertisers.

FERTILIZERS
20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

Fertilized Manure Co., 31 Union Stock Yards, Chicago, III. Wizard Brand Cattle Manure.

COCONUT FIBRE SOIL
20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

CUT FLOWER BOXES
Edwards Fisk Co., Philadelphia. For page see List of Advertisers.

CYCLAMEN
Cyclamen—Best Varieties in different colors, 3 inches pots, strong plants, $1.00 per 100, $2.00 per 500, Julius Roush Company, Rutherford, N. J.

DAHLIAS
Herbert, Acto, N. J. For page see List of Advertisers.

DAHLIAS—2500 field clumps, latest varieties, choice for cash, or what have you to exchange! Geo. H. Walker, Dahlia Expert, North Dighton, Mass.

DAHLIAS NEW FOR 1911.

DECORATIVE PLANTS


John Scott, Brooklyn, N. Y. For page see List of Advertisers.

DRACANAS
Dracena indivisa, 3 feet high and over, $5.00 to $20.00 per 100. A. Schultes, College Point, Queens- borough, N. Y.

EVERGREENS
New England Nurseries, Bedford, Mass. For page see List of Advertisers.

Bobblnk & Atkins, Rutherford, N. J. For page see List of Advertisers.

FERNS
A. Leuthy & Co., Roslindale, Mass. For page see List of Advertisers.

H. H. Harrows & Son, Whitman, Mass. For page see List of Advertisers.

John Scott, Brooklyn, N. Y. For page see List of Advertisers.

Frank Oechslin, 401 Quincy Street, Chicago, Ill. Ferns for Dishes. For page see List of Advertisers.


P. R. Pierson Co., Tarrytown-on-Hudson, N. Y. For page see List of Advertisers.

FERTILIZERS
20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

Fertilized Manure Co., 31 Union Stock Yards, Chicago, Ill. Wizard Brand Cattle Manure.

Hardwood ashes, best fertilizer on earth for lawns and gardens. George Kevens, George Kevens, Peterborough, Ont., Canada.

in writing to Advertisers kindly mention Horticulture
HORTICULTURE.

August 5, 1911

INSECTICIDES—Continued
Nicticol kills all greenhouse pests. P. R. Palethorpe Co., Oswego, N. Y. For page see List of Advertisers.


Khimdo Tobacco Dust. For page see List of Advertisers.


For page see List of Advertisers.

E. H. Hunt, Chicago, Ill. To-Bake Products.

For page see List of Advertisers.

Wilson Plant Oil and Fertilizer Co., New York, N. Y. Wilson Plant Oil.

For page see List of Advertisers.

Acme Nicotol Insecticides sold direct to the public at 10¢ per cent. pound, list 17.5; gallon 32.50. Acme Fumigating Paper, case of 200 sheets 5.50. Sample can of 24 sheets 50 cents, postpaid. J. F. Beemraker, 9 Washington Ave., St. Louis, Mo.

GYPSY MOTH CHEROSOTE.

JAPANESE LILIES
Loechner & Co., New York, N. Y.

For page see List of Advertisers.

KENTIA.
Bobbink & Atkins, Rutherford, N. J.

For page see List of Advertisers.

A. Lethby & Co., Rosendale, N. Y.

For page see List of Advertisers.

Kentia Helmorena from 25-cm. pots, 3 leaves, $5.00 per 100; $55.00 per 1000. Cash or satisfactory references with order. H. Soltan Fernery, 109 Grant Ave., Jersey City, N. J.

LANDSCAPE GARDENING COURSE.
Home Correspondence School, Springfield, Mass., Dept. S.

For page see List of Advertisers.

LILIES FROM CHINA

For page see List of Advertisers.

LILIAM HARRISH
F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

For page see List of Advertisers.

LILIMUM MULTIFLORUM AND OIANTHUM

Horse Shoe Brand.

For page see List of Advertisers.

MAMIA
F. O. Pierce Co., New York, N. Y.

For page see List of Advertisers.

METAL ROSE MARKERS
The Riker Co., New York, N. J.

For page see List of Advertisers.

NICO-FUME
Kentucky Tobacoo Product Co., Louisville, Ky.

For page see List of Advertisers.

NIKOTEN AFRIC FUNK
Nicketo Mfg. Co., St. Louis, Mo.

For page see List of Advertisers.

NURSERY STOCK—Continued
Loechner & Co., New York, N. Y.

For page see List of Advertisers.

TREES, SHRUBS, and ROSES.
EVER-GREENS, PEONIES, HARDY PLANTS.
Elliwan & Hardy, Rochester, N. Y.

For page see List of Advertisers.


PEONIES
PEONIES—1200 sorts, an enormous stock.

C. Betzcher, Canal Dover, O.

Teavons Illustrated Catalogue of best prices on list of your wants. Gilbert H. Wild, Sarcoole, Mo.

PELTINAS
Petunias (Dreer's), mixed, 24 in., $2.00 per 100; $30.00 for $5.00. J. C. Schmidts, Bristol, Pa.

PHOTOGRAPHS
I make a Specialty of photographing flowers, plants, etc., for the nursery business. Let me submit samples and prices on material for the next catalogue or circular. Special work to orders with any exceptions. Nathan E. Graves, 414 Hayward Blvd., Rochester, N. Y.

PLANT STAKES
Sibley's Tineous Plant Stake and Trusses. H. D. Sibley & Sons, Elkhart, Ind.

PLANT TUBS

"Riverton Special,"

PIPE AND FITTINGS

For page see List of Advertisers.

Kresselhul Bros., Co. 460 Erie St., Chicago.

For page see List of Advertisers.

Metropolitan Material Co., Brooklyn, N. Y.

POT HANGERS
Pot hangers, Kramer's $1 doz. by exp. $1.25 by mail. I. N. Kramer & Sons, Cedar Rapids, Iowa.

PRIMULAS
Primulas Chinese, fine plants, 24 in. $2.00 per 100; 500 for $5.00. J. C. Schmidts, Bristol, Pa.

PRICE
California Privet, any quantity, size, age. Others say ours is the best. Write for prices; also on shrubbery, ornamental, fruit trees, blue poplars, etc. Franklin Davis Nursery Co., Baltimore, Md.

RHODODENDRONS
P. Ouwerkerk, Hoboken, N. J.

For page see List of Advertisers.

Bobbink & Atkins, Rutherford, N. J.

For page see List of Advertisers.

RIBBONS AND CHIFFONS

For page see List of Advertisers.


For page see List of Advertisers.

ROSES
Chas. H. Totty, Madison, N. J.

Owen Root and Georgie Roses.

P. Ouwerkerk, P. O. No. 1, Hoboken, N. J.

For page see List of Advertisers.


For page see List of Advertisers.

W. T. Smith Co., Geneva, N. Y.

American Grown Roses.

For page see List of Advertisers.

Bay State Nurseries, Norwalk, Conn., Mass.

For page see List of Advertisers.

Wood Bros., Fleming, N. Y.

Own Root Roses.

Wanted—Roses plants of any kind. Melrose Garden Co., 90 Melrose St., Providence, R. I.

SCALEIDE
B. G. Pratt Co., New York, N. Y.

For page see List of Advertisers.

SEED GROWERS
Brislan Seed Growers Co., Sun Jose, Cal.

For page see List of Advertisers.

SEEDS
T. J. Grey Co., 31 So. Market St., Boston.

For page see List of Advertisers.

Joseph Breck & Sons, 51 and 52 N. Market St., Boston, Mass.

For page see List of Advertisers.

Richard Bros., 37 E. 15th St., New York.

For page see List of Advertisers.


Giant Exhibition Pansies.

For page see List of Advertisers.


For page see List of Advertisers.
SEEDS—Continued
Arthur T. Boddington, New York. For page see List of Advertisers.
J. M. Thorburn & Co., 33 Barclay St., N. Y. For page see List of Advertisers.
Pottier, Flake, Rawson Co., Boston, Mass. For page see List of Advertisers.
Leone Seed Co., Chicago, Ill. For page see List of Advertisers.
Bean, Pea, Sweet Corn, Onion, Turnip. For page see List of Advertisers.
Wm. Elliott & Sons, New York. For page see List of Advertisers.
J. A. Badlona, 77-79 Randolph St. For page see List of Advertisers.
The W. B. Barnard Co., Chicago, Ill. For page see List of Advertisers.
J. Belgian & Son, Baltimore, Md. For page see List of Advertisers.
SMILAX
349 smilax, 2 inch, $2.00 per 100, Cash with order. Parkside Greenhouses, 1457 E. 50th St., Chicago, Ill.
SNAPDRAGON
Snapdragons, white and pale pink, best sellers of all snapdragons, 7/8 lb., $2.00 per 100; $10.00 per 1000; 500 at 1000 rate. Cash. Chelotown Pl. Co., Alton, Ill., Ill.
SPIRAGNUM MOSS
Live Sphagnum moss, orchid pot and orchid baskets always on hand. Lager & Horrell, Summit, N. J.
SPRAYERS
Chas. J. Jager Co., Boston, Mass. For page see List of Advertisers.
STRAWBERRY PLANTS
TREE RENOVATION
John T. Withers, Inc., Jersey City, N. J. For page see List of Advertisers.
VALLEY PIPS
Leechner & Co., New York, N. Y. For page see List of Advertisers.
VENTILATING APPARATUS
Foley Mfg. Co., Chicago. For page see List of Advertisers.
The Advance Co., Richmond, Ind. For page see List of Advertisers.
VIOLETS
Violets, Dorsett and M. Louise, Ir. F. A. Haaselman, Bodmer, Colo.
WIREWORK
Reed & Keller, 122 W. 25th St., N. Y. For page see List of Advertisers.
J. Jansen, Boston, Mass. For page see List of Advertisers.
WIRED TUPPICKS
W. J. Cowee, Berlin, N. Y. For page see List of Advertisers.
WOOD PRESERVATIVE
ConservWo Wood Preservative doubles the life of all exposed lumber. Preserves benches, posts, sills or planking. Costs less than ten times its original. Samuel Casot, Inc., Mfg Chemicals, Boston, Mass.

HORTICULTURE

WHOLESALE FLORISTS

Boston
N. F. McCarthy & Co., 84 Hawley St. For page see List of Advertisers.
Walcott Bros., 289 Dernehill St. For page see List of Advertisers.
H. M. Robinson & Co., 35 Province St. and 9 Chapman Pl. For page see List of Advertisers.

Buffalo, N. Y.
William F. Kasting Co., 303-97 Elliott St. For page see List of Advertisers.

Chicago
Peter Heinberg, 51 Washington Ave. For page see List of Advertisers.
J. A. Badlona, 77-79 Randolph St. For page see List of Advertisers.

Chicago Flower Growers' Association. For page see List of Advertisers.

Cincinnati, Ohio
The J. M. McCullough's Sons Co., 33 Walnut St. For page see List of Advertisers.

Cromwell, Conn.
A. N. Pierson, Cromwell, Conn. For page see List of Advertisers.

Detroit
Michigan Cut Flower Exchange, 33 and 40 Broadway. For page see List of Advertisers.

New York
M. C. Ford, 121 W. 25th St., New York. For page see List of Advertisers.
H. E. Froment, 57 W. 25th St., New York. For page see List of Advertisers.
H. C. Horan, 55 W. 25th St., New York. For page see List of Advertisers.
A. E. Laugher, 209 W. 36th St., New York. For page see List of Advertisers.
James MeManus, 55 W. 28th St., New York. For page see List of Advertisers.
W. F. Sheridan, 133 W. 23rd St., New York. For page see List of Advertisers.

Wm. H. Koubler, 28 Wilmoughby St., Brooklyn, N. Y. For page see List of Advertisers.

Moore, Horton & Nash, 55 and 57 W. 25th St., New York. For page see List of Advertisers.

Greater New York Florists' Association, 462 Livingston St., Brooklyn, N. Y. For page see List of Advertisers.

L. I. Young & Co., 54 W. 26th St., N. Y. For page see List of Advertisers.

Charles Milling, 55 and 57 West 26th St. For page see List of Advertisers.

F. J. Smith, 57 West 28th St., N. Y. For page see List of Advertisers.

Frank Milling, New York, N. Y. For page see List of Advertisers.

Traenly & Scheuch, New York, N. Y. For page see List of Advertisers.


A. Lotz & Co., New York, N. Y. For page see List of Advertisers.

Sibroth & Siebrecht, 136 West 26th St., N. Y. For page see List of Advertisers.

Philadelphia
Leo. Nissen Co., 1290 Arch St., Phila., Pa. For page see List of Advertisers.

The S. N. Pennoo-Mechan Co., 1600-12 Ludlow St., Philadelphia, Pa. For page see List of Advertisers.

Rochester, N. Y.
George B. Hart, 24 Stone St. For page see List of Advertisers.

New Offers in This Issue.

CARNATION PLANTS, POINSETTIAS, GIANT MIGNONETTE SEED

EXHIBITION ANNOUNCEMENT
Advance Co., Richmond, Ind. For page see List of Advertisers.

PALMS AND FERNS
Joseph Hennec, Wyncote, Pa. For page see List of Advertisers.

PERENNIAL SEEDS
Pottier, Flake, Rawson Co., Boston, Mass. For page see List of Advertisers.

RARE LILIES FROM CHINA

VARIEGATED PINEAPPLES
Henry A. Dreer, Philadelphia, Pa. For page see List of Advertisers.

VEGETABLE SEEDS, LILY OF THE VALLEY PIPS
Holzinger Hartmann & Co., Copenhagen, Denmark. For page see List of Advertisers.

YOU CAN LARGELY INCREASE YOUR FALL BUSINESS

By inserting an advertisement in these columns, beginning at once.

MANY FLORISTS WILL SELECT THEIR STOCK FROM AMONG THESE ANNOUNCEMENTS
<table>
<thead>
<tr>
<th>List of Advertisers</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advance Co., Inc.</td>
<td>136</td>
</tr>
<tr>
<td>African Seed Co.</td>
<td>136</td>
</tr>
<tr>
<td>Algol Mfg. Co.</td>
<td>136</td>
</tr>
<tr>
<td>Brehon, Reddell &amp; Meyer</td>
<td>170</td>
</tr>
<tr>
<td>Bunting Bros. Co.</td>
<td>170</td>
</tr>
<tr>
<td>Barrows &amp; Son</td>
<td>170</td>
</tr>
<tr>
<td>Burt Bros. &amp; Co.</td>
<td>170</td>
</tr>
<tr>
<td>Bay State Nurseries</td>
<td>170</td>
</tr>
<tr>
<td>Bobbitt &amp; Atkins</td>
<td>170</td>
</tr>
<tr>
<td>Borden Co.</td>
<td>170</td>
</tr>
<tr>
<td>Bollinger, J. &amp; Son</td>
<td>170</td>
</tr>
<tr>
<td>Boston Florist Letter Co.</td>
<td>170</td>
</tr>
<tr>
<td>Branch, Window Glass Co.</td>
<td>170</td>
</tr>
<tr>
<td>Bruson Seed Co.</td>
<td>170</td>
</tr>
<tr>
<td>Burch, J. &amp; Son</td>
<td>170</td>
</tr>
<tr>
<td>Brechtelder, Sons</td>
<td>170</td>
</tr>
<tr>
<td>Brahnson's Sons</td>
<td>170</td>
</tr>
<tr>
<td>Brunswick Warehouse</td>
<td>170</td>
</tr>
<tr>
<td>Burgess, P. A. &amp; Co.</td>
<td>170</td>
</tr>
<tr>
<td>Chromek Co.</td>
<td>170</td>
</tr>
<tr>
<td>C. Groves' Sons</td>
<td>170</td>
</tr>
<tr>
<td>C. &amp; L. Co.</td>
<td>170</td>
</tr>
<tr>
<td>Callah &amp; John Lewis</td>
<td>170</td>
</tr>
<tr>
<td>Callah Sons</td>
<td>170</td>
</tr>
<tr>
<td>Colby Bros. Mower Co.</td>
<td>170</td>
</tr>
<tr>
<td>Cowles, T. L. &amp; Co.</td>
<td>170</td>
</tr>
<tr>
<td>Craig, Robb Co.</td>
<td>170</td>
</tr>
<tr>
<td>Craddock, O. W.</td>
<td>170</td>
</tr>
<tr>
<td>Delaire &amp; Sons</td>
<td>170</td>
</tr>
<tr>
<td>Derr, H. A.</td>
<td>170</td>
</tr>
<tr>
<td>Dyar, E. H.</td>
<td>170</td>
</tr>
<tr>
<td>Dunlop, John H.</td>
<td>170</td>
</tr>
<tr>
<td>Eastman Co.</td>
<td>170</td>
</tr>
<tr>
<td>Edward F. Coyle</td>
<td>170</td>
</tr>
<tr>
<td>Elliot Co., F. M.</td>
<td>170</td>
</tr>
<tr>
<td>Emler, M. C.</td>
<td>170</td>
</tr>
<tr>
<td>Fongrasso, B.</td>
<td>170</td>
</tr>
<tr>
<td>Fotter, Fisk &amp; Kinney</td>
<td>170</td>
</tr>
<tr>
<td>Francson, N.</td>
<td>170</td>
</tr>
<tr>
<td>Florists Assoc.</td>
<td>170</td>
</tr>
<tr>
<td>Ford, B. B.</td>
<td>170</td>
</tr>
<tr>
<td>Gude Bros. Co.</td>
<td>170</td>
</tr>
<tr>
<td>Hart, Geo. E.</td>
<td>170</td>
</tr>
<tr>
<td>Hatch</td>
<td>170</td>
</tr>
<tr>
<td>Head, J. A.</td>
<td>170</td>
</tr>
<tr>
<td>Herbert, D. &amp; Co.</td>
<td>170</td>
</tr>
<tr>
<td>Hewes, A. H. &amp; Co.</td>
<td>170</td>
</tr>
<tr>
<td>Hilbigler Bros.</td>
<td>170</td>
</tr>
<tr>
<td>Hitchings, H.</td>
<td>170</td>
</tr>
<tr>
<td>Hjorth, H.</td>
<td>170</td>
</tr>
<tr>
<td>Keho &amp; Co.</td>
<td>170</td>
</tr>
<tr>
<td>Kellogg &amp; Co.</td>
<td>170</td>
</tr>
<tr>
<td>Kemling Co.</td>
<td>170</td>
</tr>
<tr>
<td>King Co., Inc.</td>
<td>170</td>
</tr>
<tr>
<td>Kruyswiek Bros.</td>
<td>170</td>
</tr>
<tr>
<td>Kuehler, W. H.</td>
<td>170</td>
</tr>
<tr>
<td>Lager &amp; Harrelle</td>
<td>170</td>
</tr>
<tr>
<td>LANDA Seed Co.</td>
<td>170</td>
</tr>
<tr>
<td>Lenth, C. H.</td>
<td>170</td>
</tr>
</tbody>
</table>

**Horticulture**

**CONSERVATION.**

(Continued from page 170)

so the focused rays next day would light on dry leaves and other combustibles, and the work of the innocent cowboy proves an allib, for he is fifty miles away. I met a range rider in the Rockies and had a long talking bout and he is wrong about stock owners. You can put only so many head on this range and you must pay for it. "Not much, we have had this range and we intend to have it." He would tell them, "I represent the U. S. government. You cannot afford to have a war with 90,000,000 people." It is a genuine threat, too. All manner of trumped up charges were sent on to Washington and sometimes he had to face both front and rear. But those heroic men, like the mounted police in Mississippi, have convinced the ranchmen there is a law in the land and it must be obeyed.

In a terrible time like this, when most of the forest fires are fanned by ranges, the danger is in the form the fires take. They are tinder boxes, what could be done without our range riders and their system of fighting fires? Sometimes they are at our gates in quarter of an hour. One man found two of them lying on the ground in the deep sleep of utter exhaustion. They lay as they fell and the ants and rustics were upon them. Perhaps these men took a little too easily and then the cry goes up, "See those lazy fellows and the waste in the forest service."

No figthing, you understand, of the waste of the fires and the axes. All manner of abuse was heaped on the chief forester, but there was a vision before him, one of ruin and disaster. He saw the fire, told and pleaded till the tide turned and a great victory was won. A crisis came and issues involving hundreds of millions of dollars were at stake. There has been a piece of taped tape and he must go. No matter that he stands for a great principle. No matter if he has given his means and his life for a great cause. But, thank God, the nation is fully aroused and our forestry system is established.

**The People Aroused.**

You can readily see the clash of interests. Leading men in our Pacific Coast States are being dropped down. The future may care for itself. They want the coal dug and the water powers to be exploited, and flocks and herds to have free range. It makes business as a business of messiahs. There never yet was a national park laid out or a forest reserve made, but what there was a tremendous protest. When the state had an agricultural reserve near Cass Lake, Minn, a howl and deep went up. When we tried to have a park in the Wet Mountain valley and country men threatened to leave Congress for one of the sublimest rest sort: Colorado congressmen sat down on it. But slowly and surely the people are aroused. This country is going to be saved. Not only convulsed, but made more beautiful and attractive.

**WASHINGTON NOTES.**

There seems to have been quite a scarcity of cut flowers in the local market during the past week.

Mr. E. H. Kramer spent the early part of this week in New York to which city he went on business.

Work on the two new greenhouses of F. H. Kuehler, together with quite a number of improvements to the

---

**Make the Farm Pay**

Complete Home Study Courses in Agriculture: Horticulture, Floriculture, Ornamental Design, Forestry, Poultry Culture, Vegetable Culture, etc., under Prof. Brooks of the Mass. Agricultural College, Prof. Craig of Cornell University and other excellent teachers. Over one hundred Home Study Course under-able professors in leading colleges.

250 page catalog free. Write today.

THE HOME CORRESPONDENCE SCHOOL


**SITUATIONS WANTED**

Scientific Fanning, Fruit Growing, and other cultures. Own Farming Estates not on a paying basis should consult with these reputable firms, etc.—who would undertake management on a commission basis, and make a big paying enterprise. Production estimates and values on one-year's crops, and violations of the terms, a three per cent. charge for hay or grazing purposes. Apply, J. J., care HORTICULTURE, 11 Hamilton Place, Boston.

A thoroughly practical Nursery and Seedman, and Fruit Specialist, would like an engagement either as a manager or grower of a small farm, or as a specialist on grass seeds for golf links, lawns, or permanent pastures. Apply for facts. W. R., care HORTICULTURE, 11 Hamilton Place, Boston.

**FOR SALE**

FOR SALE—Fresh from factory, new 10 x 10 x 18, 12 x 24, double thick, A and B qualities. Market dropped. Now is the time to buy a large stock. Kingsbury Bros., Inc., 50 Montrose Ave., Brooklyn, N.Y.

FOR SALE—One Furman Heater, seven sections, serial 5057, size 368, good condition. One Furman Heater, six sections, serial 5013, size 368. Needs one new section. Strom's, Biddeford, Me.

FOR SALE—Four Mfg. Inc., industrial 40, 10 H.P. each, steel type; three tubular boilers, 60 inches by 18 feet; perfect condition. Fellows Bros., Ashland, Me., or George F. Morse Co., Springfield, 0.

**FLORISTS' REFRIGERATOR—A show by itself.**

 Guaranteed W. W., care HORTICULTURE, Boston.

grounds in Anacostia, is progressing rapidly. Lepley & Meyer, 905 G Street, N. W., have a very attractive window display. This consists of a rustic scene with a representation of the old bridge, the pond and the high bank of moss and stones at the rear. In the pond are the usual goldfish, while on the bank is the "county jail" with "Jim" looking out of the window and "Matty" standing on the bridge near the rear. This causes a large number of the passersby to stop in front of the window and should prove to be a good business-getter.

Work is progressing rapidly on the new undertaking of the Gude Bros., Co., on the old American Rose Com-pany plant. The building is completed and planted with Radiance, Mrs. Taft and white and pink Killarney roses. Another house 125 by 50 is planned to add to another house. Three more houses are now under construction and these, when completed, will be planted to American Beauty roses, sweet peas, and carnations. The buildings are admirably situated on rising ground with a southeastern exposure. The Gude Bros. Co., expect to have about 40,000 plants in glass on this new plant by October 15.

C. L. LINZ
Obituary

Adam Berg.

Adam Berg, formerly a florist in Liberty, Ind., died in Hamilton, O., on July 16, aged 87 years.

Mrs. William H. Moon.

Mrs. William H. Moon, wife of the well-known nurseryman of Morrisville, Pa., died on July 22. She was a sister of Mrs. Walter P. Stokes.

Jeremiah Galbraith.

Jeremiah Galbraith, a landscape gardener for many years in New Rochelle, N. Y., died at his home on July 23, aged 76 years. He came to this country from Ireland when 26 years of age.

Alvah Coon.

This well known violet grower died of typhoid fever at his home in Rhinebeck, N. Y., aged 42 years. He had been ill for five weeks and was apparently recovering when he had a relapse. He leaves a widow, one son and one daughter.

NEWS NOTES

Manchester, Conn.—A 75 x 100 concrete storage warehouse is being erected by the C. R. Burr Nursery Co.

San Mateo, Calif.—A large water supply system is being erected on the property of the McRorie-McLaren Co.

White Marsh, Md.—Lightning recently destroyed an acre of dahlias on the estate of R. Vincent, Jr., & Sons’ Co.

Emeryville, Calif.—The greenhouses of William Kohler have been leased by T. Taniguchi who will use them for rose growing.

Yonkers, N. Y.—Harry Turner is superintendent at Greystone, the extensive estate of Sam Untermeyer. The grounds are most inviting. In the flower range of houses is a splendid lot of Colosia Pride of Castle Gould, the introduction of which has made the raiser famous.

Garrison, N. Y.—The beautiful grove of chestnuts at Castle Rock is threatened with extermination by a disease which has appeared beneath the bark and has up to the present baffled the efforts of the anxious Superintendent Wm. Ingalls to check it. Seven hundred trees were cut down during the winter and many more will follow. It has not affected any other species thus far on the whole sixteen hundred acres which are situated west of Wappinger Falls and is surrounded with the handsome stone castle that is one of the sights of the Hudson.

Austin, Tex.—Commissioner Kone of the Department of Agriculture today issued permits to do business to the following nursery and florist concerns: L. F. Decap, Nursery; W. G. Hegele, Redman Fair and Isaac Garrison, Beaumont; Unholty & McCarthy, Victoria; W. M. Maller, Port Lavaca; Mrs. S. A. Space, Stowall; A. Middlchurst, Clark & Sanger, Victoria; C. J. Axelson, Bessie Weisinger and J. A. Larcoub, Beaumont; Mrs.

G. Weniger, Yoskm; Dan Silholos, Port Arthur; A. Yangor, Victoria; Mrs. G. A. Pickett, Floresville; R. L. Iholn, Toledo; Mrs. E. G. Kesik and Charles Albroch, San Antonio; H. J. Adams, Chulo; F. W. Vollmar, Seguin; Mrs. W. R. Niel, Seguin; F. G. Bahar, San Antonio; Mrs. H. C. Glaze (Mrs. L. H. Johnson and George C. Baker, San Antonio; M. Konishi, S. Sahara and K. Konishi, Webster; F. Freeborough and Miss M. A. Menard, San Antonio.

H. Youell of Syrcus, N. Y., financial secretary of the American Gladiolorus Society, has announced his candidacy for the position of Secretary of the S. A. F. Mr. Youell is also chairman of the Exhibition Committee and Bulletin Committee of the Gladiolus Society.

PAPYRUS "SCALECIDE"

Will positively destroy BAN JOSE SCALD and all soft bodied sucking pests without injury to the tree. Simple, more effective and cheaper than any other. Single gallon, $1.50; 10 gallons, $11.00. Write for full details.

Wilson Plant Oil & Fertilizer Company
150 Nassau Street, NEW YORK CITY
Horticultural Supplies

E. H. HUNT, 131 N. Wabash Avenue, Chicago

To-Bak-lne Products Kill Bugs

You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free).

Use any form you choose but buy it of

E. H. HUNT, 131 N. Wabash Avenue, Chicago

Spray Your Trees and Do Your Whitenashing

With Deming Spray System. You can have a good set of paints, plows, cherries, apples, etc., if you keep your trees in good condition without special care.

DEMING SPRAYERS

Safe and effective. The only thing you need is a good pump and a supply of water

DEMON SPRAY SYSTEMS

FOR PROOF

Write to

P.R. Palethorpe Co.
OWENSBORO, KY.

Cocacoanut Fiber Soil

Is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

20th CENTURY PLANT FOOD CO., 27 Ocean St., Beverly, Mass.
Cast Iron Boilers Require Twice the Amount of Coal; Kroeschell Boilers Only One Half.

"I bought a No. 3 boiler in 1901. We had a corrugated cast-iron fire box boiler and sectional cast iron boiler before we bought yours in 1901. The cost of heating with this boiler is ONE-HALF LESS THAN IT WAS WITH MY CAST-IRON boilers. Your No. 8 Boiler, which we bought recently of you, is not being run to its capacity."

WM. OENEN, Kimberly, Wis.

KROESCHELL BROS. CO., 466 W. Erie St., Chicago, Ill.

---

GREENHOUSES BUILDING OR CONTEMPLATED.

Waterbury, Conn. — Sax & Floto, one house.

Centerville, Ind.—Davis Bros., two houses.

Longmeadow, R. I.—Mr. Pratt, house 55 x 150.

Auburndale, Mass.—W. A. Riggs, addition.

Salt Lake City, Utah.—F. A. Hulsh, one house.

Greenwich, Conn.—Richard Sutro, one house.

Hartford, Conn.—J. Albert Brodrib, house 28 x 125.

Belmont, Mass.—Chas. A. Frost, one 240-foot house.

Oneonta, N. Y.—Carr W. Pick, rebuilding two houses.

Fargo, N. D.—Fargo Floral Co., two houses each 31 x 100.

Sheridan, Wyo.—Best Floral Co., five vegetable houses.

Savanna, Ill.—Lambert & Dunn, carnation house 30 x 200.

Canton, O.—Brown Floral Co., three houses each 35 x 200.

Hightstown, N. J.—Wilson Peer, two 28-foot Violet houses.

Farmington, Utah.—Miller Floral Co., carnation house.

Evansville, Ind.—A. E. Hunt, house 24 x 120, house 24 x 100.

Hartford, Conn.—Edward Wilch, carnation house 15 x 150.

East Bridgewater, Mass.—Tony Appleton, carnation house 27 x 50.

Portland, Ore.—G. A. Walker, one house.

Belleville, Ill.—A. G. Fehr, two carnation houses, 28 x 110 and 28 x 110.

Chicago, Ill.—Peter Seroyinski, four houses, each 25 x 112, Julius Zachau, house 20 x 100.

Norwood, Pa.—Robert Craig Company, two houses, each 22 x 150; four houses, each 41 x 150.

New Orleans, La.—Max Scheneux.
KING GREENHOUSES

HAVE IMITATORS BUT THE KING
HEAD THE PROCESSION. THEY
ARE STRONG YET LIGHT, IN THE
END ECONOMICAL. EXPERIENCE
IS A GOOD TEACHER, AND ALL
OUR CUSTOMERS COME BACK
WHEN THEY BUILD AGAIN. GOOD
RESULTS MAKE FAST FRIENDS,
AND WE HAVE LOTS OF THEM.
COME ONCE AND BE CONVINCED.
SEND FOR QUESTION BLANK TO
EXPRESS YOUR REQUIREMENTS
ON.

KING CONSTRUCTION CO.

HOME OFFICE AND FACTORY
North Tonawanda
N. Y.

EASTERN SALES OFFICE
No. 1 Madison Avenue
NEW YORK

STANDARD PLATE GLASS CO.

Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY

FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.

Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.
CHICAGO, ILL.

BOSTON PLATE & WINDOW, GLASS CO.

GREENHOUSE GLASS

GERMAN AND AMERICAN

261 to 287 A Street BOSTON
20 to 22 Canal Street

Greenhouse Material and Sash
Of Every Description
Get our Prices and Catalogues.
S. JACOBS & SONS
1359-1355 Flushing Ave.
EST. 1781.
BROOKLYN, N. Y.

Holds Glass Firmly
See the Point of PEERLESS
Glazing Fat. or Latex. Box of
1,000 pieces 15 mm. per box.
HENRY A. BRELL
114 Market St., Phila., Pa.

TO BUYERS

Patronize our advertisers, they will treat you right
A Greenhouse Suggestion

If a fifty foot house divided into two compartments will answer your purposes for the present, how about this one? Yes it is our iron frame construction and you can just as well have it with curved eaves if you want it. In fact, we believe the curved eave house, the way we build it, has advantages over this one, and that it is superior to other curved eave constructions. There's no lighter house built, that's sure, and for endurance—well just drop us a line and let us send you a catalog and explain exactly how our curved eave house is built, and then you won't question its endurance for a minute.

Then besides, you'll like our pleasant way of doing business.

HITCHINGS & COMPANY, Write to our Main Offices and Factory: Or Call at our New York Office:
Spring & Louisa Streets, ELIZABETH, N. J. 1170 BROADWAY.

LILIUM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisi is good, it leaves little to be desired. There is very little, if any, stock obtained as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Lonsiforum, which has badly deteriorated recent years.

Bear in mind that we were the original introducers of Harrisi in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6-7 inch bulbs, 500 to the case, $15.00 per case; full thousand lots, $45.00 per 1,000.
5-6 inch bulbs, 250 to the case, $13.50 per case; full thousand lots, $72.00 per 1,000.
9-11 inch bulbs, 100 to the case, $15.00 per case; full thousand lots, $175.00 per 1,000.

FERNS

We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-in. pots ........................................... $0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis, and Harrisi, heavy 8-in. plants......$1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis, and Harrisi, heavy 10-in. plants ................... 2.50 each

F. R. PIERSON COMPANY, Tarrytown-on-Hudson, NEW YORK
HORTICULTURE
Vol. XIV. AUGUST 12, 1911 No. 7

BALTIMORE CONVENTION NUMBER
STOP OVER

LET'S renew the old, and form new friendships. Come to Philadelphia, famous as the home of

M. RICE & CO.
The Leading Florists' Supply House and Ribbon Specialists

Have your Railroad tickets read "Stop over at Philadelphia."

Have your telegrams, mail, and phone calls sent in our care. Make our establishment your headquarters. Everything at your service. Will do our best to make your stay in Philadelphia pleasant and profitable.

We have so many good and exclusive things to show you that we cannot take them all to Baltimore, therefore, come on to good old Philadelphia, and see the newest and best of everything in FLORISTS’ SUPPLIES and RIBBONS, and have a good time.

U R WELCOME

Our Latch String is Always Out

The Leading Florists’ Supply House
And Ribbon Specialists

M. RICE & COMPANY

Manufacturers—Importers—Originators

1220 Race Street, PHILADELPHIA, PA.

KATALOG for the asking
GERANIUMS, DAHLIAS, CANNAS, ETC.

Quality and Quantity Combined is Our Motto

If you want to know where they are, we have them, at the headquarters, and, borrowing the phrase of a famous advertiser, we have a permanent exhibit at White Marsh, Covington, B. & O. R. R. of more than 57 varieties.

We extend you a cordial invitation to visit us during the Convention. Tickets and all information concerning trains, etc., can be procured from our Mr. R. Vincent, Jr., and other representative of our firm. Will be pleased to see you any day. A good time to place your order for next season.

R. VINCENT, JR., & SONS CO., White Marsh, Md.
Growers of Plants for the Trade

ROSES - Own Root—Fine Stock

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Killarney</td>
<td>$3.00</td>
</tr>
<tr>
<td>Richmond</td>
<td>$3.00</td>
</tr>
<tr>
<td>Pink Killarney</td>
<td>$3.00</td>
</tr>
<tr>
<td>Charenay, Kais</td>
<td>$3.00</td>
</tr>
<tr>
<td>Perles, Sun, con</td>
<td>$3.00</td>
</tr>
<tr>
<td>Bridesmaid</td>
<td>$3.00</td>
</tr>
<tr>
<td>Bride, Golden</td>
<td>$3.00</td>
</tr>
</tbody>
</table>

GRAFTED

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink Killarney</td>
<td>$5.00</td>
</tr>
<tr>
<td>White Killarney</td>
<td>$5.00</td>
</tr>
<tr>
<td>Bride, Kaiserin</td>
<td>$5.00</td>
</tr>
</tbody>
</table>

STEVIA COMPACTA

2½ inch pots, $3.00 per 100, $25.00 per 1000.

WOOD BROS. . . Fishkill, N. Y.

HOME GROWN PANSY SEED

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poinsettias</td>
<td>$0.60</td>
</tr>
<tr>
<td>Cyclamen Seed</td>
<td>$0.60</td>
</tr>
</tbody>
</table>

MIGNONETTE Giant Excelsior from giant selected spikes. 1 oz., $1.00; oz., $5.00.

Carnation Plants. Best standard varieties. Write for prices.

SKIDELSKY & IRWIN CO.


Catalogue for the Asking.

CANES FOR YOUR MUMS

6 ft. to 8 ft.
$7.00 per 1000

WM. ELLIOTT & SONS,
42 Vesey St., New York

20,000 Myrtle (Vinca Minor)

20,000 Myrtle (Vinca Minor)

PEONIES

IN

100 BEST VARIETIES.

Guaranteed true to name at reasonable prices.

Strong divisions and one and two-year plants.

Catalog free.

S. G. HARRIS
TARRYTOWN, N. Y.

CHRYSANthemums

AND

ASTER SEED

Elmer D. Smith & Co.
ADRIAN, MICH.

CHARLES H. TOTTY

Wholesale Florist

Chrysanthemum Novelties My Specialty

Madison, N. J.

HERBERT, ATCO, N. J.

DAHLIAS Every Day in the Year

NEW GLADIOLUS NIAGARA

Cleveland, O., July 12, 1911.

Mr. Frank Banning,
Kinsman, Ohio.

Dear Sir:—In regard to the two gladioli you sent us for trial the "NIAGARA" was a little later than "AMERICA" in flowering but when it did come it was a beauty and of such a soft yellow that we to attract attention at once. We want to be sure of some of this stock to force next season.

Respectfully,

The J. M. Gasser Co.

FRANK BANNING, Kinsman, O.

CARNATIONS

F. DORNER & SONS CO.
LA FAYETTE, IND.

Chicago Carnation Co.
30 E. Randolph St.

CHICAGO - ILLINOIS
Farquhar's RARE LILIES FROM CHINA
Hardy, Beautiful, Fragrant. The Finest Novelties Extant

Farquhar's RARE LILIES FROM CHINA
Hardy, Beautiful, Fragrant. The Finest Novelties Extant

Farquhar's RARE LILIES FROM CHINA
Hardy, Beautiful, Fragrant. The Finest Novelties Extant

Farquhar's RARE LILIES FROM CHINA
Hardy, Beautiful, Fragrant. The Finest Novelties Extant

Farquhar's RARE LILIES FROM CHINA
Hardy, Beautiful, Fragrant. The Finest Novelties Extant

Farquhar's RARE LILIES FROM CHINA
Hardy, Beautiful, Fragrant. The Finest Novelties Extant

Lilium myriophyllum
AWARDED SILVER MEDAL BY MASSACHUSETTS HORTICULTURAL SOCIETY, JULY 15, 1911.

LILUM MYRIOPHYLLUM, Mr. E. H. Wilson, the famous plant collector, collected for us the bulbs now offered, in North-western China. He considers this the finest of all lilies. It is absolutely hardy, and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink and with a beautiful shade of canary yellow at the centre, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy oppressive odor of most lilies. Blooms out-of-doors early in July.

Orders booked now for October delivery. Bulbs each, $1.20; dozen, $13.00.

LILUM LEUCANTHEMUM The bulbs offered were also collected by Mr. Wilson. This is one of the strongest growing lilies—frequently attaining a height of six to eight feet. The flowers vary in number from five to ten on a stalk, and in size and shape resembling Lilium Harrisii, greenish white shaded purple on the outside, and of the purest white within, with a tint of citron in the centre. The flowers have a pleasing fragrance. This lily will undoubtedly be largely used for outdoor planting as well as for forcing. Many consider it the finest of all tubular-flowered lilies. It flowers somewhat later than Lilium myriophyllum, and being of larger growth, has a distinct place.

Orders booked now for October delivery. Bulbs each, $1.50; dozen, $15.00.

R. & J. Farquhar & Co.
SEEDSMEN AND NURSERYMEN
6 AND 7 SOUTH MARKET ST., BOSTON
ESTABLISHED 1850

1,200 ACRES

THREE

We are wholesale growers of first class nursery stock of all kinds, Fruit, Shade, Ornamental Trees, Shrubbery, Hedges, Small Fruits, etc., Asparagus, Strawberries, and California Privet in large quantities.

The BEST is the CHEAPEST. Ours is the CHEAPEST because it is the BEST. Handling dealers' orders a specialty. Catalogue free.

Franklin Davis Nursery Co., BALTIMORE, MARYLAND.

BOBBINK & ATKINS

WORLD'S CHOICEST FLORIST AND NURSERY PRODUCTS.

We are growing in our greenhouses and in our 250 acre nursery a large variety of material constantly in demand by florists. Our Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

B. & A. SPECIALTIES.

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill station is the second stop on Main Line of Erie Railroad.

Nurserymen and Florists

Rutherford, N. J.

American Grown Roses

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis Evergreens.

Write for Trade List. W. & T. SMITH CO. Geneva, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK

WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS

A GENERAL ASSORTMENT OF

Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our Illustrated and descriptive Catalogue for the asking.


FOR SALE

A block of fifteen thousand, bushy, 2 year

CALIFORNIA PRIVET

not the cheap, spindly kind—at so-called bargain prices, but the real thing and worth much more than we ask—

$25 per 1000 to clear.

An experienced nurseryman called at our place today and on examination, said it was the finest block of California he had ever seen. Cut back—very bushy.

JOHN KULP, Ross Junction, PHILA.

Watch For Our EXHIBIT

AT THE

GREAT BALTIMORE CONVENTION

Also COME AND SEE US, en route to or returning home.

Four acres of Wintzer's Wonder Avenues.

200,000 fine SHRUBS and ROSES.

Write or wire, and let us meet you. Half way between Philadelphia and Baltimore. On Central Division of the Philadelphia, Baltimore & Washington R. R.

The Conard & Jones Co.

WEST GROVE, PA.

HOLLAND NURSERIES

Best Hardy Rhododendrons, Azaleas, Conifers, Clematis, H. P. Roses, Shrubs, and Herbaceous Plants.

P. OUIWERKES, 114 West St., West Orange, N. J.

In ordering goods please add "I saw it in HORTICULTURE."
EASTERN NURSERIES

View in Eastern Nurseries showing block of Armeria maritima splendens in bloom.

New Roses Originated by Jackson Dawson
Lady Duncan, Dawson, Daybreak, Farquhar,
William Egan and Minnie Dawson

WRITE FOR PRICES

We Carry a Very Large Stock of Fine Conifers, Deciduous Trees and Shrubs and
Hardy Herbaceous Perennials

Send for Our New Illustrated Catalogue

EASTERN NURSERIES

HENRY S. DAWSON, Mgr.
Jamaica Plain, Mass.
Winter Flowering Orchids

During the months of July and August the display of orchid bloom is very meager as compared with that of the other ten months of the year; but as the demand for this class of cut flowers at this season is also small, enough good material can always be had to supply the demand.

Cattleyas, of course, take the lead all the year around.

**Stanhopea Wardii.**

The early summer flowering varieties, such as C. Mossiae, C. Mondeli, C. Gaskelliana and a few others have gone by and C. Harrisoniae took their place to be closely followed by the beautiful C. gigas, which will soon be at its best here. In some warm localities it will start to flower much earlier, but here it doesn’t flower much before the middle of August and some of the plants can be held back until October by keeping them cool and dry. It would not be wise to try to hold them any longer than that, because C. labiata will be at its best by that time.

Cattleyas, however, are not the only good orchids to be had at this time of the year. Wherever a general collection of orchids are grown there will be found quite a number of useful as well as beautiful species in bloom during this dull season. Among the East India orchids, some of the Vanulas and Aerides and allied species flower at this time. Aerides quinquenervorum, a native of the Philippine Islands, is making a beautiful display here just now. The flowers are very sweet-scented, waxy white spotted purple, the sepals and petals tipped off with the same color. Vanda Batemannia, also from the Philippines, is a strictly summer-flowering orchid, producing its lovely flowers on long stout stems from early July until September or still later. Would be excellent for large decorations as the flowers have great lasting qualities.

Cypripedium baratum and a number of hybrids and other species, together with the nearly allied Selenipediums in variety, help to make things interesting and for cut flowers they are hard to beat. A number of Epidendrum flower nearly all summer and some of them—for instance, E. prasmatocarpum, E. vitaliferum, E. coeloclada, etc., are not to be despised, for the color and lasting qualities of most of them are all that can be desired. Where Phalaenopsis Aphrodite and Ph. amabilis are grown in quantity a few of them will always be in bloom. Ph. Loddoniana flowers during June and July and while not as good as the former, the flowers will last much longer either cut or on the plant.

Oncidium papilio and O. Krameri, better known as the Butterfly Orchids, keep producing their curious flowers at intervals nearly all summer and they are quite showy, being a bright yellow, blotted and mottled with chestnut brown.

This does not exhaust the list by any means, but it would be tiresome reading to mention them all. A few, however, I would like to draw attention to, which are very interesting and some very beautiful, but of little value as cut flowers for they will not last long after being cut.

Nearer all Stanhopeas flower during the summer months and all of them are beautiful in form and color and most of them fragrant; the construction of the flowers, particularly the lip, is wonderful and one wonders why nature goes to such extremes. The different species of Catasetums, Cychnochis, Mormodes and allied species usually flower about this time and all are ex-

---

```
M. G. Oake

Nangatuck, Conn.
```
Water Lilies

In all gardens or public parks where water exists, aquatic plants should at all seasons of the year form one of the most interesting adjuncts, and though the majority of them are seen to the best advantage during the summer and fall months, there are many which, if planted with a knowledge of their capabilities, will produce very interesting effects during the winter months. Aquatic plants, of course, vary much in their likes and dislikes and considerable acquaintance is necessary with them to ensure success, but whether one has to deal with natural ponds or streams or artificially made pools, there is a very wide selection capable of being used for all purposes.

In the near future I hope to give a list of a variety of water plants for the benefit of those who may not have been able to see large collections for themselves, but all who have had opportunities of growing them will, I am sure, agree that the Nymphaea or water lily is the queen of aquatic plants. The native species have always been among the most highly admired of our natural flora and nothing could present a more beautiful spectacle than when they are seen growing with such great freedom in our rivers and streams.

During recent years, however, the hybridists have been busy with them and we have now a great variety to select from, some of which have been evolved by nurserymen in America, but the majority produced by the late M. Latour Marliac of France. All Marliac’s varieties are remarkable for their vigor, the great size of their flowers, and their extreme hardiness.

The best time to plant water lilies is from the middle to the end of May, but if one obtains them from a nurseryman it is advisable to procure them at the beginning of that month and either pot them up or place them in baskets in a mixture of heavy loam and cow manure, about one-fifth of the latter to four-fifths of the former, and stand them in a tank or tub of water for two or three weeks until signs of growth are evident. By that time they may be safely transferred to their permanent quarters, and nothing suits them better than a good stiff loam or heavy clay soil. How deep to plant them must of course be decided by the variety, but all of Marliac’s varieties and similar sorts will rejoice in three feet of water, while the smaller-growing varieties will be satisfied with one foot to eighteen inches. Wicker baskets are the best thing I know of to plant them in as these quickly rot as soon as the plants have taken root and do not need any further attention—that is, if one is planting the choice varieties, but the commoner kinds may be safely tied to a brick or other article which will sink them and the plants will naturally take root.

Water lilies always succeed best in still ponds where the water can be changed if necessary by an artificial outlet, but they will also succeed admirably in streams where the current is slow, but they object to swiftly flowing water. When established they are naturally fast growing plants and can be easily propagated by removing a part of the stem to which a crown is attached in the spring and planting as previously advised. With those that are planted in shallow water protection may sometimes be necessary in winter to prevent frost getting down to them, although it is not often that we are troubled with more than eighteen inches of ice.

A Lawn Problem

It is often a problem as to how to furnish grass under trees so as to have it attractive in summer, and it is safely assumed that it is out of the question unless plenty of moisture is available. We have come to the conclusion that there is no drier spot than under a handsome tree on the lawn, the roots of which form a system of drainage that is perfect in that it breaks up the soil formation, as well as absorbs moisture by its thousands of growing rootlets. It was put forth at one time with some degree of authority that trees poisoned the soil and the condition of lawn grass under the same was used as evidence, but we found that in the effort last winter to nourish lawn trees by the application of a liberal dressing of ground bone, there are no traces of weakness, but on the contrary the grass is wonderfully vigorous.

It may be that some soils do not need bone for we hear of poor results from its use at times, but where it agrees with the chemical composition there is no better way to rejuvenate. Where much water is used the roots of the grass are sometimes washed bare and weakness follows for a time, but there are many lawns in a state of health which shows no signs of weakness. In addition to bone, other natural manures and marl are much used in lawns, and it is found that any quantity of bone or marl is beneficial to the grass. When bone is used it should be put in at a rate of one hundred pounds to the acre and the marl at the rate of five hundred pounds, when used on grass.

Chemical fertilizers are good, but it always seems best to mix them with soil before spreading or the appearance of the lawn will be starchy after it begins to grow, owing to the difficulty of sowing evenly, and it must never be applied while the grass is damp as there is danger of injury if the fertilizer is easily soluble. Another source from whence good material can be obtained for lawns is the burnt rubbish heap. When enough has accumulated it should be screened because of the danger of nails, and if the sod needs leveling in places, roll the turf back far enough to take out the depression, fill up with burnt material, relay the sod and level up with a straight edge after tamping or rolling. This is best done in the fall months as early as possible after rains are frequent.

There has been much discussion about the use of white clover in lawn seeding, but there is no question that it makes the best lawn though some object to it on tennis courts because it makes them slippery at times, but for good appearance even in a dry season the clover helps out by remaining green longer because of its deep rooting system, and recovers from a drought quicker than the grass.

The summers seem to be getting dryer, and had it not been for the thunder showers this season we would have had no grass. A steady rain has not fallen since early last May, and the lawn question is ever with us, for, after the trees, even before the flowers, comes the lawn as a setting for the homes of those who live not in cities, and when one sees the thing well done it is oftentimes a source of envy.
Seasonable Notes on Culture of Florists' Stock

CARE OF ADONIUMS

Beds of this fern that have been cut from and are now in a demulced condition will require but very little water until the new fronds begin to show numerously. After a short period of rest and when they resume activity in frond growth, they will be greatly benefited by a mulch of from a half to an inch of two parts of cow manure that is well rotted, to one of good loam. The crowns soon work above the surface and require a top dressing after each crop. These efforts will build up strong crowns. When the beds are covered with a growth of 4 or 5 inches long, feeding can be given regularly of cow manure and rotted. This gives the foliage a fine dark green color. Give them sufficient shade so they will not burn or lose their color. This shading should be gradually removed after this month, so that by the end of October they will have full sun. When you have a fine crop of fronds be very careful during cloudy or chilly weather not to water too much. It is safer to allow the soil to become rather dry and keep the surface well stirred so as not to endanger the crop of fronds. If you are bothered with snails lay bait of lettuce or cabbage leaves and look these over once or twice a day; also scatter lime about their haunts.

CHrysanthemums

Plants that are destined to figure in the coming exhibitions should have their last shift sometime before the close of this month. A good compost to use is to one ordinary cart load of rose soil that contains at least one-third of cow manure add from one to two bushels of pulverized sheep manure, half a bushel of soot and about sixty pounds of fine ground bone. Mix this thoroughly before using. This will produce leaves, stems and flowers full of vigor. In potting be very careful to have the drainage perfect for without it you cannot have good growth. See that they have painstaking training and tying up to the very last day, so as to have them perfect in form. If you hope for any success with these plants, it is absolutely necessary to give an abundance of room on a bench not too far from the glass. When you see that they need moving do it at once. Give plenty of fresh air throughout the day and night, together with an abundance of moisture, maintained by watering the soil as they may need it, by syringing the plants several times daily and by wetting down walks, which induces an atmospheric humidity throughout the house that is congenial to their growth. Keep up a diligent fight against the black aphis.

Orchids

Many species of dendrobiums such as Dendrobium nobish, Warbyama, Jamesianum, and others that will now be finishing up their growth should be removed to a cooler house that is very lightly shaded so as to prevent a second growth. Later you can give them a more airy, cool, dry and sunny quarters which will induce them to ripen up their growth. To avoid any unnecessary check, the change should be gradual. Very little water will be needed at the roots during this rest, but give a gentle syringing over the plants on bright days, which will help to keep the canes in good condition. All cattelyas that have completed their growth should be placed at the coolest end of the house or where they can be given a fair amount of air. The quantity of water should be lessened until only enough is given to keep the plants from shriveling. All those that are in active growth will require an abundance of water at the roots with a light syringing overhead two or three times a day. Damp the floors and benches.

Pelargoniums

It is now time to prepare for the propagation of these show plants. Lay the old plants on their sides for the next two or three weeks and keep them almost dust dry. This will give several degrees of hardness to the wood which is to be used for cuttings. These can be put in the cutting bench and given a slight shade and kept in a moderate moist atmosphere. When rooted they can be potted into 2½-inch pots using good soil. If you wish to save the old plants cut all last year's growth hard back, leaving about an inch or two of the current year's growth and keep on the dry side until they show signs of breaking nicely. They can then be turned out of their pots and all the soil shaken off. Trim any struggling roots so that they can be placed in as small pots as possible using a light compost to pot them into. They should be given water sparingly at first until the pots become filled with roots, but at no time should they be given an excess of water at the roots, for they are very exacting as to this.

Poinsettias

Now is the time to put in a lot of cuttings for the filling of holiday receptacles, principally pans and fancy dishes. Keep the cuttings shaded and see that sand is kept moist, with light spray every day over the foliage and in about three weeks they will be ready for 2½-inch pots. The young plants should have frequent sprayings and be kept shaded until they take hold of the soil. When they are established give them a bench where they can have full sunshine with plenty of water and you will have plants with good foliage which are always salable. The earlier struck cuttings which are in 3 or 4-inch pots can now be planted out in a bench of five inches of a compost of two-thirds heavy turfy loam, to one-third of well rotted manure. As the nights get colder maintain a minimum temperature of 62 degrees at night.

Roman Hyacinths

These bulbs are due to arrive now any time, so get a number of flats together as soon as possible. The top of each bulb should be, when planted, even with the surface of the soil. Make the soil around the bulbs moderately firm. Give the flats a good thorough watering before covering them with four inches of soil or whatever material you may use. Besides this first good watering, unless we have frequent rains, the beds containing the flats should have a good soaking once a week. When the bulbs are well rooted they can be brought into a good light house and at a temperature of 60 degrees they will be in flower in seven or eight weeks.

John J. M. Farrell

Mr. Farrell's next notes will be on the following: Cyclamen; Hardy-rooted Plants; Barberries; Geranium Cuttings; Marguerites; Roses.
This is HORTICULTURE’s seventh annual Convention Number. We send it out bound in “Oriole” colors in compliment to the hospitable city whose people are ready to extend a princely welcome to the thousand visiting horticultural craftsmen who are about to congregate within her gates. Baltimore, when she does anything, does it well, with an open-hearted liberality and sincerity of purpose nowhere excelled. To the boys who have worked so faithfully in the preparations for this great event, and to the convention visitors HORTICULTURE here extends cordial congratulations and the earnest hope that this Baltimore meeting may become memorable for wise deliberation and sagacious action and that its record may fill a proud chapter in the history of horticultural progress in America.

The proposed Constitutional amendment to be voted on at Baltimore, making $50.00 the amount required for a life membership in the Society of American Florists, should, we believe, be adopted. With the large and rapidly-growing sum now accumulated in the treasury, in the use of which each new member becomes an equal participant, it is evident that a life member coming in now at $50.00 will get as much, if not more, for his money, than who joined some years ago at $20.00, not mentioning the enhanced prestige which comes from membership in an organization occupying so influential a position as this prosperous National Society has now attained. The original life membership cost was purposely set at a low figure, we recall, with the intent of providing an inducement to the establishment of a permanent reserve fund—something which was seen to be necessary to the Society’s stability and permanency. That object having been accomplished it now seems proper to consider what amount is fair in comparison with the assessment for annual membership which is $5.00 for first year and $3.00 annually thereafter, and in this light also the proposed advance seems reasonable and fully justified. Members who are interested in this question should bear in mind that a two-thirds vote, not a mere majority, is required to carry an amendment to the By-laws.

The Society of American Florists assumes, as has been well said, a grave responsibility in the matter of the election of a Secretary to follow Secretary Dorner who has declined to be a candidate for re-election this year. We are not of those, however, who see danger in the time-honored method of selecting this important official and who would favor taking the privilege as now exercised away from the Society and vesting it in the Executive Board. Whatever individual views may be as to the wisdom or unwisdom of the Society’s selections in the past, there is nothing to prove that an Executive Board would have been any wiser or done any better and there is always a serious danger in any action calculated to widen the gap and lessen the element of personal fraternal relationship between members and officials, especially in an
organization unfixed as to locality and somewhat nomadic in its nature as is the case with the S. A. F. The enthusiasm born of rivalries in the selection of officers in a Society so constituted is always a powerful factor in inducing attendance at conventions and assuring presence at the sessions where such matters are decided. Of course, human nature is not infallible and grave mistakes are possible, but it is our honest belief that the rank and file of the S. A. F. members will compare favorably with those of any organization in the country in the matter of judgment and common sense in the management of their affairs and can be trusted.

Horticulture has been doing what it could, Blamed as our readers are aware, to induce the florists anyway who deals direct with the public to help push along into greater popularity the window-box idea and to encourage the more general use of this and similar decorative features in connection with city buildings—public and private. Properly fostered by the trade—who surely have the best of reasons for such industries exploitation—this department of the florists' business might quickly be multiplied to many times its present volume. That there are many ways in which improvement can and should be made will be plain to anyone who will devote a little time to an inspection of the examples seen here and there in the windows, porches and balconies of hotels and residences. There is room for the exercise of better mechanical ability in the construction of the boxes themselves as to design, material and color, and above all as to practical fitness for the best welfare of growing plants. If the object were to kill off the plants as quickly as possible some of the so-called jardiniers could not be better adapted to that end. We have known plantings of excellent material, well arranged and adequately cared for, to be ruined by the use of paint or other coating on the inside of the receptacle. Watertight tin boxes are a prolific cause of disappointment and unlived metal cases that get almost red hot in the summer sun are another. Florists should interest themselves in these things as well as in the furnishing of good plants of suitable kinds as in the case of failure the blame and discredit are sure to be laid at the florist's door no matter how well his own particular part has been done.

Vegetables Under Glass

CUCUMBERS

Plants started now and until the first of September should be in crop by early November and in full bearing by Thanksgiving. The soil for cucumbers should be a good turfy loam, but not too finely broken up, for when it is rougher it insures the freer passage of water better. A good compost to use is to three parts soil, use one part of some well decomposed manure. When raised benches are used (and I think these are the best where the pipes run underneath, thereby giving them bottom heat which is congenial to their growth), make hills by placing four or five shovelfuls of soil four feet apart, which is a better plan than to fill the benches full up. Some little time after planting the young plants will utilize these heaps of soil. Just as soon as you see the roots working their way to the outside of the hills, more soil should be added. The compost that is supplied this way should be made richer than that first used. Cucumbers require a night temperature of from 60 to 65 degrees with a rise of 15 to 20 degrees during all bright days. As the nights get cooler and your house runs below 65 degrees it is best to have a gentle warmth run through the pipes. To have the house shut up without a little heat often produces a check or fungus and mildew. Ventilate carefully so that no cold draughts are caused. Increase your air gradually and reduce it the same way thus keeping an even temperature. Keep up a nice degree of moisture in the atmosphere by damping down the house two or three times a day.

LETTUCE

To have a crop of lettuce ready in November, sow your seed any time from now up to the 25th of this month. For this crop cold frames are better than placing them in a house, as the plants do better and are much more easily handled. You can make three or four sowings for frame work, at intervals of every ten days or two weeks, making the last sowing about the middle of September. This will give you lettuce up to the middle of December. For inside forcing you can sow any time from the 20th of September on. If sown by Sept. 20th your crop will come in about Christmas. It takes from three to three months and a half from sowing to maturity, according to weather conditions. Lettuce will not stand pushing, so when the nights get so that you can control the temperature keep a night temperature of from 10 to 15 degrees with a rise of from 10 to 20 degrees by day, according to the brightness or cloudiness of the weather. They do well in any good turfy loam that has been mixed in the proportion of three parts soil to one part manure. The varieties to be grown will have to be selected according to what is in demand. Boston Market, Golden Queen and Glass House are suitable kinds to grow.

TOMATOES

This crop under glass is a growing industry. From early winter until early summer there is always a demand for good tomatoes. Now is the time to start for early winter, sowing the seed thinly in boxes. Keep shaded until they start to come up then keep as near the glass as possible. When they can be handled, put off into 3-inch pots. As soon as these pots are filled with roots they can be planted. I think the single-stem method of training is the best. If the benches are three feet wide you can plant two rows, two feet apart in the rows. When the plants get from 12 to 18 inches high they will throw a number of side shoots which should be pinched off so as to concentrate all the strength of the plant into one stem. Attend to tying up and training as they grow. Keep the house at 60 degrees at night as they require a uniform and high temperature to grow well. If you want a good set of fruit you should hand-pollinate every day. When the first two or three clusters of fruit are well developed you can start to give them some liquid manure, once or twice a week. Keep the atmosphere rather dry and also the soil, but when watering them be sure to do so. Then let them go until they are in need of it again. They like a night temperature of from 58 to 62 degrees.

John J. M. Farwell
From Robert Manning's Sketch of the History of Horticulture in the United States we learn that "in 1823 Samuel and John Feast began cultivating trees, plants and vegetables, on the Frederick road, and were the first to offer plants for sale in the public markets of Baltimore."

In Downing's Horticulturist. Vol. 1, No. 1, July, 1846, we find the following note in connection with the account of the proceedings of the Massachusetts Horticultural Society on February 14, 1846:

"To Samuel Feast, Esq., of Baltimore, they have given the Society's Large Gold Medal as a special premium for that beautiful seedling Rose originated by him, the Queen of the Prairies, which they consider the first of a new class of Roses, and without a rival in this climate for pillars, arbors, etc." Another beautiful and popular rose by the same raiser was the Baltimore Belle.

Ever since those early pioneers laid the foundation, Maryland has more than held her own in the floral line. Whether it has been roses, camellias, chrysanthemums or other flowers, Maryland perfection has made many of these typical in excellence. Maryland roses grace the lawns of many States, and are admired by legions of flower lovers, as well as florists. Many beautiful roses have originated on Maryland soil, the result of intelligent, enthusiastic study and experiment made by nature students whose fame will live long after they are called to their eternal flower abode.

Among those who have produced roses of beauty and quality is John Cook of Baltimore. Some of his creations are Souvenir de Wootten, Admiral Schley, Marian Dinger, Cardinal, My Maryland, Radiance and others.

Mr. James Pentland in his day was also a rose enthusiast, as well as an extensive grower of camellias. Among the roses Mr. Pentland produced and disseminated are George Peabody and Woodland Margaret. Edward Kress of Baltimore is the latest addition to the rose originators. A number of handsome chrysanthemums have been raised by Baltimore florists. E. A. Seidewitz a few years ago introduced some fine seedlings, and Paul Binder, at one time gardener for Mr. Parr of Lutherville, Md., also raised some very creditable seedlings. Samuel Feast, James Pentland and Robt. J. Halliday were all great camelia fanciers and had large greenhouses exclusively devoted to their growing. Up to several years after the war, camellias in Baltimore were the style, and graced the bosom of the Baltimore belle in their evening parades on the fashionable avenues. In 1880 Mr. Halliday published a very thorough and practical treatise on the culture of the camelia. The carnation Genevieve Lord was raised and introduced at Oakland, Md., by H. Weber & Sons.

The tendency to suburban villas has seemed to lessen the interest in greenhouses in the city. At one period Baltimore was famous for its conservatories attached to the residences of wealthy people. Not only were flowers raised, but immense quantities of magnificent hot house grapes were produced. In those days the old Horticultural Society had grand shows, and the display of hot house grapes made by Messrs. Wm. T. Walters, W. W. Spencer, Wm. Fowler from Clifton (which was then the home of John Hopkins and is now Clifton Park), Geo. S. Brown, Jno. W. Garrett, W. H. Perot, Breekenridge, Raisin and others was remarkable.

Among the many fine estates in the vicinity of Baltimore now are the following: "Hampton," which has been in the Ridgely family for ages. The present owner is Captain John Ridgely. This estate originally comprised upwards of three thousand acres. It now has about one thousand acres. The residence is a fine example of Colonial architecture with two splendid fronts. There are many rare and beautiful trees, among them two splendid specimens of the Cedar of Lebanon. On the east side are three terraces, two of which are adorned with quaint boxwood borders within which the flowers are planted. "Uplands," the estate of Mrs. Henry Barton Jacobs, is a grand place with over forty acres in a wonderfully well-kept lawn. The entire tract comprises many hundred acres. There are magnificent oaks and many remarkable conifers. Mrs. Jacobs has many greenhouses and produces rare orchids in profusion. She is a very liberal contributor to the State horticultural shows, and "Uplands" exhibits of plants and flowers are always the attractive features.

The country place of Wm. Lanahan near the city is noted for its handsome lawn of thirty-five acres, the splendid big oak trees and varied assortment of flowering shrubs.

Gustav Lurman, near Catonsville, has a fine Colonial mansion and handsome grounds surrounding it. The garden style is strictly Colonial. The conifers are among the finest in the State.

Probably one of the handsomest horticultural displays on private property is that on the estate of Ex-Governor Warfield, and much credit is due Mr. Charles Wood, its gardener. Evergreens, arbor vitae, palms, and various foliage plants are placed artistically around; a box hedge surrounds the garden, and in the center is a pool with rocks adorned with ferns and umbrella plants which are constantly covered with spray from the fountain which fills the pool. In the pond is a quantity of
GLIMPSES OF BALTIMORE

City Hall.

Post Office.

View in Grounds of Wm. Lanahan Near Baltimore.

Formal Bedding—Residence of Gustav Lurman, Catonsville.

Court House.

Light Street Docks.
goldfish. The house is covered by a climbing rose planted fifty years or more ago by the first occupants of the estate. During the winter the garden will probably be covered with a portable conservatory, so made that it may be taken down again next summer. Mr. Wood has also artistically decorated with plants the roof of Governor Warfield’s garage and this will prove to be one of the show places during the coming convention. A fountain is in the center of the roof.

FRUIT GROWING IN MARYLAND

Fruit growing in Maryland is a very important industry from which a very large revenue is realized. Comparing the size of the State with other States, Maryland would probably be classed as the greatest fruit growing State in the Union. No other State can equal the diversity of its fruit products, or exceed them in appearance and delicious quality. From the mountain regions come magnificent apples, luscious peaches, and delicious pears, and the various small fruits. And these products are generally raised throughout the State, from mountain top to the ocean beach. Of course the varieties of apples, peaches and pears vary in kind in the many sections, as some varieties do better in certain sections.

In Southern Maryland, especially in the part known as the Eastern Shore, where it is declared the Garden of Eden was located, the climatic conditions are such that what might be classed as tropical fruits are profitably grown and of wonderful elegance. At one time in this section the peach orchards were conspicuous, and it was the fruit from these same orchards that years ago gave Maryland peaches a national reputation. War, yellows, and other conditional troubles came, causing neglect in the orchards, finally resulting in their being completely abandoned.

For years thereafter there was no interest manifested in fruit growing. The older people seemed discouraged and even the sons of the men who had been famous peach growers did not seem to have any desire to revive the business. A little later on the mountain lands of Western Maryland, especially in Washington county, began to develop into peach orchards. The experiment was a revelation. Today the available mountain slopes, the picturesque foothills and even down in the fertile valleys, all are covered with grand orchards.

Peaches were produced first, but now the apple is just as great a success. Today Washington county orchards remind one of the famous orange region at Riverside, California. Orchards here, there, everywhere you look. Not ordinary orchards, but those that are orderly, in straight precise rows, well-kept, every tree symmetrical, and with luxuriant dark green foliage that denotes perfection in health.

Washington county is said to have the largest continuous apple orchard in the world, nearly ten miles, owned by one man. Mr. Nicoledius. In this section the past spring the acreage in new orchards was a record breaker. The number of trees count far up in the thousands. The prevailing method of putting in a new orchard is to plant apples and peaches alternately. By the time the apples come into profitable bearing, the peach trees have served their usefulness and are removed and an exclusive apple orchard results. New orchards in every county in the State were put out last spring. In the tide-water counties, in the near future, the peach will again become prominent, for there are many orchards that will commence to yield fruit next year.

The State horticultural exhibition last winter in Baltimore surprised everyone with the grand display of apples that had been grown in the State. It was also a greater surprise to see that quality apples of the same variety came from so many sections of the State. Apples from the eastern shore tide-water counties came in for a liberal share of blue ribbon honors. This seemed strange as it had been concluded that it was quite impossible to raise apples there, because of the climatic conditions, etc. Theory alone caused these conclusions. Practical demonstration proved otherwise. Years ago Kent county was famous for the excellence and great variety of pears produced there. Capt. R. H. Emory was the pioneer pear raiser and expert authority on pears. His orchard production of both pears and peaches gave him a deserved reputation. After his death his son took charge of the orchards and has also been very successful.

The small fruit industry in Maryland is very extensive and a great revenue is derived from it. The eastern shore is the main section where the small fruits are extensively produced. Strawberries are shipped in great quantity to the eastern states. An idea of the magnitude of the strawberry “patches” can be gained when it is a fact that at one station, Marion, the station agent showed the writer that the average daily shipment in the height of the season was twenty-five carloads of crated strawberries.

At Ridgely, Caroline County, last fall the Armours of Chicago built an immense factory for making preserves. They pay the strawberry growers six cents a quart, return all boxes to the growers. Farmers are increasing their strawberry acreage and say selling thus at home with no loss that baskets or crates is proving more profitable than shipping. The factory can handle one hundred thousand quarts, or more, a day. Raspberries, blackberries and other bush fruits are grown and shipped to the markets. Growing cantaloupes is very extensively carried on in Wicomico County. There is one grower, near Salisbury, who often has over 100 acres in melons. His average shipment, when the season is on, is three refrigerator carloads daily. Boston, Pittsburgh and New York are their destination.
GLIMPSES OF BALTIMORE

"Uplands"—Residence of Mrs. Henry Barton Jacobs.

Boxwood Borders at Hampton.

Mansion House—Druid Hill Park.

Lake in Druid Hill Park.

Partial View of R. Vincent & Sons Plant Houses, White Marsh, Md.

View in Geranium House—R. Vincent, Jr. & Sons, White Marsh, Md.
Baltimore's Parks

Baltimore has a number of splendid parks, of which Druid Hill is the principal and the most famous. Thomas Meehan, in the article from which the foregoing quotation was made, has this to say of Druid Hill Park:

"Druid Hill Park is sure to be found 'at home,' though all other attractions are away. The best time to see this is towards evening, when the lights and shadows rapidly change away. The land is so rolling and so beautifully wooded, that this play of the shadows is particularly effective. Like most parks of any extent in American cities, this one is in connection with the city water works, which gives it the advantage of large sheets of water in the extensive reservoirs around which the most striking drives are led."

"The park is one of that style called natural, and of which people often boast that it is ready made from the hand of nature, needing nothing but a few roads and walks to make it a perfect specimen of landscape gardening. To be sure these places are often greater credits to the gardener's art, little though he may do in these cases to deserve credit, than many places wholly made. The defect in these natural parks is dulness in the great sameness they present. A drive through a hundred acres is usually as good as if through a thousand. Hearing so much praise of the Druid Hill Park as one requiring no aid from the landscape gardener, we were prepared to expect much of the usual monotony. It is a pleasure to say, however, that circumstances have favored a great variety of scenes and peculiar features. The landscape gardener seems to have caught the spirit of change which the natural features present, and we think it more than likely that for a 'natural park,' Druid Hill will be made in time one of the best in the world."

Looking Back

There is much that is historically interesting in Baltimore, but that part we shall not touch upon here other than to say that the subject of our cover illustration is one of the most notable objects in the city—the Washington Monument, 163 feet in height, built entirely of marble and the first monument erected to the memory of Washington. As showing the progress made by Baltimore, in common with other American cities during the past sixty years, the following notes which we have copied from the Universal Gazette published in Boston in 1853, will no doubt interest our readers:

"The Baltimore and Ohio Railroad extends from the city to the Ohio River at Pittsburg, 390 miles. Many cars are already in operation upon the railroad. Some of them are drawn by horse power, some driven by steam and some by wind. The cars with sails go sometimes 25 miles an hour and can lie within 4 points of the wind. The whole distance from Baltimore to Pittsburg, when completed, will be traveled, according to estimation, by horse power in 30 hours, and by steam in 20. Baltimore has 80,625 inhabitants."
SOCIETY OF AMERICAN FLORISTS AND
ORNAMENTAL HORTICULTURISTS

Twenty-Seventh Annual Meeting and Exhibition, Fifth Regiment
Armory, Baltimore, Maryland, August 15th, 16th,
17th and 18th, 1911

OFFICERS OF THE SOCIETY.

PRESIDENT—George Asmus, Chicago, Ill.
VICE-PRESIDENT—R. Vincent, Jr., White Marsh, Md.
SECRETARY: H. B. Dorner, Urbana, Ill.
TREASURER—W. F. Kasting, Buffalo, N. Y.

Executive Board.
For One Year: W. J. Vesey, Eugene Daillédouze.
For Two Years: W. N. Rudd, Robert Craig.

For Three Years: R. Allan Peirce, H. A. Bunyard.
Ex-Officio: F. R. Pierson.

State Vice-Presidents.
California—Edwin Lomsdale, Lompoc.
Connecticut—Wallace R. Pierson, Cromwell.
Florida—C. D. Mills, Jacksonville.
Georgia—Daniel C. Horgan, Macon.
Illinois (North)—Fred Lautenschlager, Chicago.
Illinois (South)—J. F. Ammann, Edwardsville.
Iowa—James S. Wilson, Des Moines.
Kentucky—H. G. Walker, Louisville.
Louisiana—Harry Payworth, New Orleans.
Maine—William Miller, Bar Harbor.
Maryland—Chas. L. Seybold, Baltimore.
Massachusetts (East)—W. A. Hasting, Boston.

Massachusetts (West)—G. H. Sinclair, Holyoke.
Michigan (East)—Norman A. Sullivan, Detroit.
Michigan (West)—Elmer D. Smith, Adrian.
Missouri—Fred H. Weber, St. Louis.
Mississippi—S. W. Crowell, Rich.
Nebraska—John J. Hess, Omaha.
New Jersey—Ant. C. Zvolanek, Bound Brook.

New York (East)—A. L. Miller, Brooklyn.
New York (West)—S. A. Anderson, Buffalo.
Ohio (North)—Frank A. Friedley, Rocky River.
Ohio (South)—C. E. Critchell, Cincinnati.
Pennsylvania (East)—S. S. Skidelsky, Philadelphia.
Pennsylvania (West)—W. J. Smith, Pittsburgh.
Rhode Island—L. J. Reuter, Westerly.

Tennessee—C. L. Baum, Knoxville.
Texas—Eugene Corley, Dallas.
West Virginia—A. Langhans, Wheeling.
Wisconsin—J. E. Matthewson, Sheboygan.
Canada:
Ontario—John Connon, Hamilton.
Manitoba—H. E. Philpott, Winnipeg.
Quebec—George A. Robinson, Montreal.
Alberta—A. M. Terrill, Calgary.

CONVENTION HEADQUARTERS, FIFTH REGIMENT ARMORY.

Photo by James F. Hughes Co.
Botanist: Prof. J. F. Cowell, Botanic Gardens, Buffalo, N. Y.
Pathologist: Prof. H. H. Whetzel, Ithaca, N. Y.
Entomologist: Dr. S. A. Forbes, Urbana, Ill.
Superintendent of Exhibition: "Mack" Richmond, Baltimore, Md.
Tariff and Legislative Committee.
John G. Esler, Saddle River, N. J., Chairman.
D. H. Traendly, New York, N. Y.
J. C. Vaughan, Chicago, Ill.
Patrick Welch, Boston, Mass.
E. G. Hill, Richmond, Ind.
Committee on Convention Sports.
Chas. Graham, Cleveland, O., Chairman.
Chas. Scott, New York, N. Y.
H. Brown, Richmond, Va.
Advisory Committee for Trade Exhibition.
E. Vincent, Jr., White Marsh, Md., Chairman.
I. H. Moss, Govanstown, Md.
Robt. Graham, Baltimore, Md.
Committee on School Gardens.
Benjamin Hammond, Fishkill-on-Hudson, N. Y., Chairman.
C. B. Whitmull, Milwaukee, Wis.
Michael Barker, Chicago, Ill.
Wm. R. Smith, Washington, D. C.
C. L. Seybold, Baltimore, Md.
Committee on National Flower Show.
F. R. Peirson, Tarrytown, N. Y., Chairman.
F. H. Traendly, New York, N. Y.
W. J. Stewart, Boston, Mass.

George Asmus,
President.

E. A. Strong, Overbrook, Pa.

PROGRAM OF MEETINGS AND ENTERTAINMENTS.

Tuesday, August 15, 1911.

2.00 P. M.—"Address of Welcome." His Excellency, the Governor of Maryland.
11.00 A. M.—Electation of Officers, Amendments to Constitution and By-Laws to be acted upon. To amend Article IV, Section 2 to read as follows:

Section 2. Fees and Assessments.—Any eligible person may become a member of the Society on the payment of $5.00, and such payment shall cover the annual dues for the balance of the calendar year.

Wednesday, August 16, 1911.

9.30 A. M.—Reception with Canada on Florical Products. From the American Standpoint, Mr. P. Welsh. From the Canadian Standpoint, Mr. E. L. Mepated. Discussion. Advisability of a Spring Meeting, Wm. F. Kasting.
8.00 P. M.—Illustrated Lecture, "Ornamental Horticulture Abroad," J. K. M. L. Farquhar.

Thursday, August 17, 1911.

11.00 A. M.—Electation of Officers, Amendments to Constitution and By-Laws to be acted upon. To amend Article IV, Section 2 to read as follows:

Section 2. Fees and Assessments.—Any eligible person may become a member of the Society on the payment of $5.00, and such payment shall cover the annual dues for the balance of the calendar year.
The annual dues shall be $3.00 per year, payable in advance on the first day of January. Any person may become a life member on payment of $50.00 and be exempt from all further assessments.

Afternoon—Bowling Contest and Other Sports.

Ladies' S. A. F. Entertainment.
10 A. M.—Bowling by Ladies' S. A. F. at the Garage. 12:30 P. M.—Trolley ride to the various suburban districts; luncheon en route on the grounds of the Baltimore Country Club. 5:30 P. M.—Reception at Belvedere Hotel.

Friday, August 18, 1911.

General Entertainment by Gardeners' and Florists' Club of Baltimore.
Steamer leaves at 10 A. M. for Toluca Beach on the Chesapeake Bay, arriving at noon. Refreshments will be served on the steamer en route. The Games—Baseball, shooting, races and other sports will take place on arrival. 6 P. M.—Steamer will leave for a trip further down the bay, returning to Baltimore at 10 P. M. Supper will be served on the boat.

F. R. Pierson
Director-ex officio.

Eugene Dailellouze
Director.

W. N. Rudd
Director.

W. J. Vesey
Director.

H. A. Bunyard
Director.

Robert Craig
Director.

TRANSPORTATION.
The Trunk Line Association has granted a rate of one and three-fifths (1 3/5) on the certificate plan. Tickets may be secured not earlier than August 11th and not later than August 16th, except from stations where it is possible to reach Baltimore by noon of August 17th when tickets may be secured on that date. Tickets will be good returning up to and including August 22d.

In securing your tickets purchase a regular full one-way first-class fare and be sure to request a certificate. No reduction in fare will be made unless a certificate be secured at the time of the purchase of the ticket.

For those living outside the district of the Trunk Line Association inquiry should be made of your local agent for rates to Eastern points. There are many rates in force during August and it is possible to travel at a much reduced fare.

Where members are desirous of join-
ing parties from the larger cities information concerning the trip may be secured by writing to the secretaries of the local florist organizations.

HOTELS.
List of the leading hotels in Baltimore, rates and location. These hotels are all on the European plan.

Hotel Belvedere, "Headquarters," Charles and Chase streets. Rooms, without bath, $2.00 to $4.00 per day. Rooms, with bath, $3.00 to $9.00 per day.

Hotel Benner, Liberty and Saratoga streets. Rooms, without bath, $1.50 to $4.00 per day. Rooms, with bath, $2.50 to $8.00 per day.

Hotel Stafford, Mt. Vernon place. Rooms, without bath, $2.00 to $4.00 per day. Rooms, with bath, $3.00 to $7.00 per day.

Hotel Alhambra (three squares from Convention Hall), Eutaw place and Lanvale street. Rooms, without bath, $1.00 per day. Rooms, with bath, $1.50 per day.

New Hotel, near Baltimore street. Rooms, without bath, $1.50 to $2.50 per day. Rooms, with bath, $2.50 to $3.50 per day.

Hotel Caswel, Baltimore and Hanover streets. Rooms, without bath, $1.20 to $3.50 per day. Rooms, with bath, $2.50 to $3.50 per day.

The New Carrollton, St. Paul, near Baltimore street. Rooms, without bath, $2.00 up. Rooms, with bath, $2.50 up.

August 17th, from 3:30 to II. Tickets will be issued from secretary's desk, Exhibition Hall, Tuesday, Aug. 15th. Mrs. Phillips requests all members to call them and please wear your badge pin.

MRS. CHAS. H. MAYNARD.
Sec'y.

THE CONVENTION GAMES.
Following is an official revised list of the prizes to be competed for at Baltimore:

BOwLING FOR MEN
Team Bowling:-
Whidden Cup—Team making highest total in 3 games.
Kasting Cup—Team making highest score in any one of the 3 games.
Bayreuther Cup—Team making highest score in first two games.
Michell (Phila.) Trophy—Team making second highest score in 3 games.
Henry Leahr (Balto.) Prize—A stick pin to each man on the highest team, total pins.

MRS. JOHN V. PHILLIPS.
President Ladies' So. of Am. Florists.

F. C. Bauer (Balto.) Cup—Man making highest number of strikes, team bowling.
Thos. H. Patterson (Balto.), One Dozen Fruit Knives—Man making highest total number of pins in the three games, team rolling.
W. W. Barnard Cup—Man making highest score on team from the greatest distance, total pins—team work.
W. C. McCaunce, Mirror—Man making second highest score, team rolling.
Mrs. M. J. Thomas (Balto.), Silver Trophy—Most strikes made by a bowler in the 3 games.
W. J. Johnston (Balto.), Silver Bowl—For highest score in any one game, team rolling.
Pennock-Meehan Co. (Phila.)—50 to each man on team making second highest score in the 3 game, total pins.
M. Rice & Co. (Phila.), $10—Man making second highest number of strikes in team rolling.

Hosen Waterer, $5—For man making second highest number of spares, team rolling.

Individual Rolling:-
The George Asmus Prize, $25—For highest score total pins.
The Fred Strodtman (Balto.), Silver Cup—For second highest score, total pins.
Dreer Cup (Phila.), for 3rd highest score total pins—To man making highest number of pins in 2 first games or in individual rolling.
Special Event—To the individual, 50 years or over, making the highest score, total pins in 2 games. A case of whisky.
Michell Handbag—Highest score made by press representative in 2 games, total pins.

BOwLING FOR WOMEN
For number of total pins, from highest to sixteenth inclusive, the following prizes will be awarded respectively: Reinberg cup; Boas cup; Bolgiano & Son cup; Stewart & Co., cut glass vase; Hartzler Bros, cut glass bowl; Pennock-Meehan Co., hand bag; H. A.

"Mack" Richmond,
Superintendent of Exhibition.

Hotel Junker (Strictly Stage), 20-22 E. Fayette street. Rooms, without bath, $1.00 to $1.50 per day (each person). Rooms, with bath, $1.50 to $2.50 per day (each person).

Hotel Raleigh, Holliday, near Fayette street. Rooms, without bath, $1.00 to $1.40 per day. Rooms, with bath, $2.50 to $4.00 per day.

Hotel Kernan, Franklin and Howard streets. Rooms, without bath, $1.50 up. Rooms, with bath, $2.00 up.

For further information, address WILLIAM FEAST.
231 N. Charles St., Baltimore, Md.
Chairman pro tem "Hotel Committee."

LADIES' SOCIETY OF AMERICAN FLOREISTS.
The annual business meeting of the Ladies Society of American Florists will be held at Hotel Belvedere, Wednesday morning, Aug. 16th, at 10:30. Business of importance will come up at this time and every member attending convention is urged to be present.

The members of the Ladies' Society of American Florists will receive at Hotel Belvedere, Thursday evening.

W. A. HASTINGS,
Massachusetts State Vice-President.

Deer, silver trophy; Mrs. Christie, belt buckle; Brunswick-Balke-Collender Co., bowling ball; M. Rice & Co., Japanese bread tray; J. W. Putts Co., flower holder; set of pins; Brayer & Co., fern dish; Eisenberg, cut glass vase; Goldenburg & Co., silk umbrella.

For highest individual score, cut glass from Washington, D. C., ladies.

For highest number of strikes, linen centre piece, O'Neil & Co.

Highest number of spares, cup, H. F. Michell Co.

Highest score in a special game, which will be the third game rolled, silver cup, value $75.00, Hochschul, Kohn & Co.

SHOOTING
The following have donated for the prizes to be awarded for shooting: Michell & Co., silk umbrella; Ed Reid $10; H. Brown $10; Robt. L. Graham, $20; R. Vincent, Jr., $29.

There will be additional prizes forthcoming, when a proper distribution of all will be made.
AMERICAN GLADIOLUS SOCIETY.

Program of second annual meeting, Fifth Regiment Armory, Baltimore, Md., August 16 and 17, 1911:

Wednesday, August 16, 3.30 P. M.
Address of welcome, Mr. George Ausmus, President S. A. F. and O. H. Reading minutes of last meeting, President's address. Financial secretary's report. Treasurer's report. Nominating committee's report. Report of committee on "What Constitutes a First Size of Saleable Bulb."

Thursday, August 17, 9 A. M.
Report of judges. Election of officers. Report of miscellaneous committees; bulletin, exhibition, etc. Report of committee on nomenclature. New committee on "Diseases." By Prof. Whetzel, or assistant from Cornell University, followed by discussion and reports from state committees on diseases.

Schedule of prizes for the Second Exhibition of Gladiolus Blooms to be held in connection with the S. A. F. Convention at Baltimore, Md., August 15-18, 1911.

Open Class.
No. 2. Vaughn's Seed Store. Silver cup for the best 10 spikes and largest collection of gladiolus white, yellow, and red varieties, in one vase.
No. 3. M. Crawford. 50 bulbs of Gladiolus Kunderdi "Glory."
No. 4. Peter Henderson & Co. $10 for the best collection of 10 varieties; 3 spikes each.
No. 5. W. Allis Burpee. $10 for the best collection of 10 varieties; 6 spikes each.
No. 6. E. E. Stewart. $5 for the best collection of 12 spikes each of Gladiolus "Golden Queen.
No. 7. E. E. Stewart. $5 for the best collection of 12 spikes of Gladiolus "President Tuft.
No. 8. R. B. White. $5 for the best collection of new seedlings not less than 25 varieties, never before exhibited.
No. 9. J. H. O. Cushman. $2 for the best collection of 25 spikes of one white variety.
No. 10. A. E. Boddington. $5 for the best collection of Chidiya varieties; 3 spikes each.
No. 11. Garden's Chronicle. Challenge for the exhibit containing the largest number of standard named varieties, correctly labeled.
No. 12. Stampp & Walter Co. $10 for the best collection of 10 varieties, 3 spikes each.
No. 13. Hammond Tracey. Silver and glass vase for the best table decorated with Gladioli, the table to be laid for 6 persons.
No. 15. Frank Baning. $10 for the best vase of Gladiolus "Nagura," 9 or more spikes.
No. 16. H. B. Groff. $10 for the best exhibit of Gladioli in white and light; dark; blue and yellow hybrids, not more than 3 spikes of each variety and not less than one vase of each color section.
No. 17. Herrick & Granz. $12 for 100 spikes Gladiolus "Augusta"; $8, 2nd; $5, 3rd.
No. 18. E. Kunderdi. $10 and 100 bulbs Gladiolus Kunderdi "Glory" for the best display of above variety.
No. 20. E. Kunderdi. 100 bulbs of Kunderdi "Glory" for the best vase of spikes; 90 bulbs for 2nd best.

Don't forget your badge for 1911. No admittance to Exhibition Hall without it.

AMERICAN CARNATION SOCIETY.

There will be a meeting of the Board of Directors at the Convention Hall, Baltimore, at 9:00 A. M. Thursday, Aug. 17th. All members of the A. C. S. who happen to be in attendance at the S. A. F. Convention are invited to attend this meeting. There will be business of vital importance to come before this meeting, and a large attendance is desired.

The Secretary will be in attendance at the S. A. F. Convention, arriving in Baltimore on the 16th, ready to receive dues which have not been paid for the current year. Also contributions for the Dorner Memorial Fund. Considerable more funds are needed for this memorial, and every member who has not already contributed is urged to do so at once.

A. F. J. BAUR, Secretary.

Don't forget to ask for a certificate when buying your railroad ticket for Baltimore. Reduced fare not possible without it.

Dame Nature seems to be doing her best to get into attractive dress for the florists' reception next week. The showers of the past week throughout Maryland have proved very acceptable although they have caused considerable damage in some sections, washing away bridges, ruining roads and destroying out-of-door stock. Previous to this the drought was proving disastrous. In Baltimore and other places, the citizens were ordered not to waste any water. Such a restriction as this surely shows a grave condition and the florists will need some for the purpose of ablation at least.

THE BREEZE.

It started way up in the hills-top.
That dear little rollicking breeze;
It wafted like a fairy the tree-tops
And flirted with millions of leaves.

Then rushing down into the valley,
It kissed all the loveliest flowers,
And lifted their heads to the clouds.
It whispered a promise of showers.

Over the boundless ocean,
It danced to the twinkle of stars,
Showering the foam of the breakers.
Flung it high over the bars.

On thro' the gates of the city,
Where panting the weary and weak,
It moved like a blessing from heaven,
Fanning the hot, fevered cheek.

It whispered a tale of the hill and the vale;
It brought them a whiff of the sea;
It rocked them to sleep with a song of the deep—
A song of the flower and the bee.

SUSAN W. CLUNE, in Boston Journal.

Amateur Class.
No. 1. W. E. Kirchhoff Co. Gold medal for the best display of Gladiolus "Prince-

Photo by James F. Hughes Co.

INTERIOR VIEW OF S. A. F. EXHIBITION HALL, BALTIMORE, Md.
Seed Trade

Pea Situation Slightly Better.

There have been no radical changes in crop conditions during the past three or four weeks but the interval has served to bring the end more nearly in sight especially with reference to peas. The pea crop is now virtually made, and the only possible effect of weather would be to damage rather than to help the crop. From all information available, it looks at this time as if the crop would not be as bad as last year though it will be very short. In some districts conditions are fully as bad as last year, while in others they are much better, and while, of course, it is impossible to state what percentages will be delivered on contracts we would venture the opinion that these percentages, as a whole, will be materially better than a year ago.

Farmers' Alaskas and Canners' Sweet.

Last year the farmers of Wisconsin raised, approximately, from 10 to 50,000 bushels of what are known as "farmers' Alaskas," while it is estimated that the crop this year will not exceed 500 bushels. This is due not only to any material reduction in acreage, but to the climatic conditions at the time the peas were fit to be picked, and most susceptible to the bad effects of intense hot weather. The 50,000 bushels of "farmers' Alaskas" which were grown last year went into consumption quite generally, principally being used by the cannery. This year they will not have this source to draw against, and it will seem as if good pedigree seed should be worth far more this year for much and possibly may bring even higher prices than a year ago. The same may be said regarding what are known as "canners' sweet peas," the latter including Horsfords, Advancers, Admirals, Surprise and Prince of Wales. While other varieties than these are used in these emergencies, these varieties comprise practically all that are used by the canning trade in years when they can be procured in sufficient quantity. The crop of canned peas will be rather lighter than last year, in fact, from all reports the crop will be decidedly lighter than a year ago, and the price will probably be higher. The situation by prevailing prices on the canned product, the total pack will be the heaviest ever harvested from the acreage planted. The growers of sweet peas will be sending out their preliminary reports within the next few weeks and then we shall come nearest knowing the exact situation. The only guide the growers had at this time of the year is his field estimates, and it has been shown that these are often uncertain guides this year. While the threshing returns have, in a few instances, been better than the estimates, as a rule, they have been disappointing and have reduced the estimates from one-half to one full fold. One factor that has materially affected the pea crop, particularly in Wisconsin, has been the ravages of the pea louse. This pest made its appearance rather late in the season, but within the short time they had to work, several thousands of acres of the late planting were practically destroyed. One of the large Wisconsin packers is said to have lost about 700 acres due entirely to the louse.

Beans.

Beans are looking fairly well, but will not be a very heavy crop. Some of the growers are not expecting above one-half to two-thirds of the average yield, while others are looking for better results. There is not much chance for any material improvement in the bean crop, while a bad harvest may mean that the crop that matures may be reduced materially, while samples will be generally unsatisfactory. Should the weather during the harvest be cooperative, samples should be fine, and there will probably be beans enough to satisfy all ordinary requirements.

Corn.

Corn is still an uncertain factor in the crop situation, but we infer from reports received that early corn has suffered beyond all hope of improvement and the crop will be very light. Later varieties with favorable conditions from north on will doubtless yield fair results, but there is always danger of early frost, and we can only hope that this may be delayed until after the crop is sufficiently matured to be past damage from any ordinary white frost. Hard, freezing weather would, of course, be very disastrous to corn even after it had matured enough to resist the ordinary early frosts.

Miscellaneous Crop Notes.

In the west the potato crop this year has been the poorest in 25 years. In many states there will hardly be enough produced to meet home requirements, and it looks as if there will be a market in the west for considerable eastern grown stock this fall. California crops, as a whole, are fairly satisfactory, and there has been no serious damage reported to any line of seeds grown on the Pacific Coast. We have not had any definite news to the European situation, and do not think that actual conditions will be known for the next 30 or 60 days. In a general way, nearly all root crops will be light as has been reported in these columns from time to time. Actual figures, we are unable to give at this writing, but hope to be able to give something more definite within the next few weeks.

We are informed that the Butchelor Seed Store, of Utica, N. Y., is going out of business. Whether they will sell out to some other concern or simply close out the business, we have not been informed, but the fact that they are really going to close out is, we believe, definitely settled.

Florists and Seedsmen Sell Your Own Scratch or Poultry Food

We will make it for you under your own brand for $28.00 PER TON Seed to day for special trade by bag, St. Joe, Me. C. E. Johnson of Atlantic Co., N. J., on Oct. 7th, 1910, writes as follows: I want to state that your three grades of Poultry Food; Chick Starter Developing Food and "Square Deal" Scratch or Poultry Food stands without an equal to day. They are perfect mixtures and sound in grain and a pleasure to handle.

J. Bolgiano & Son, Impoters and Wholesalers. Established for 27 Years. BALKTIMORE, - MD.
Choice Seeds

For Gardeners, Truckers and Plant Growers

Long Island Cabbage Seed, Cauliflower, Egg, Pepper, Tomato, Etc.

Price Lists Free

Quality Finest

Wholesale and Retail

TURNIP SEED

IMMEDIATE DELIVERY

LEONARD

226-230 W. KINZIE STREET, CHICAGO

Wholesale

SEED GROWERS AND DEALERS

Established 1820

Thorburn’s Seeds

Asparagus Plumosus Nanus

New Crop Just Received

We offer while unsold as follows:

1,000 seeds $2.50.
5,000 seeds and up @ $2.25 per 1000
10,000 seeds and up @ $2.00 per 1000
50,000 seeds and up @ 1.75 per 1000

Cold Storage Lily of the Valley Pips

HIGHEST GRADE

Cases of 1000 pips @ $13.00 per case
Cases of 5000 pips @ $8.00 per case

J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

COLDWELL LAWN MOWERS

Hand—Horse—Motor

Known All Over the World

Catalogue on Request.

NEWBURGH, N. Y.

Sphagnum Moss

In Burlap Bales; per bale $1.00, 10 bales for $8.00.

Larger Lots at Lower Prices.

The W. W. Barnard Co.
108-110 W., Kinzie St., CHICAGO

Cauliflower

CAULIFLOWER SEED

AABBAGE

MANGOLD, SWEDW, TURNIP

LILY OF THE VALLEY PIPS

HJALMAR HARTMANN & CO.
COPENHAGEN, DENMARK.

Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.

Prices Quoted in these columns are for Dealers Only. When writing to Advertisers please mention HORTICULTURE
PERSONAL

M. Vanderleave, Lakeside, Mich., has accepted the position of gardener on the estate of E. K. Warren of Three Oaks.

L. Biederman of Chicago called last week in the interest of his firm, L. Baumann & Co., and reports a successful trip.

Louis Geiger has accepted a position in the store of J. F. Wilcox & Son, Conneaut Bluffs, La.

Ernest Sonderegger succeeds A. H. Luck as manager of his father's business in Beatrice, Neb.

John Strinecke, W. J. Picher and W. C. Smith took an automobile trip last week through St. Louis County to visit growers. They found them all in good shape, and that the recent rain had done a world of good to stock in the field.

Mr. and Mrs. Fred C. Weber, Jr., are enjoying the cool breezes among the mounitains of Colorado.

The following St. Louis party left Sunday night for a trip east, to wind up at Baltimore: Mr. and Mrs. John Connon, W. C. Young and Mr. and Mrs. Chas. Boyer. The rest of the St. Louis convention delegation will follow next week.

Henry M. Robinson, of H. M. Robinson & Co., Boston, has gone on a trip to Canada, including a visit to the Canadian Horticultural Association's Convention at Ottawa. Jos. Margolis of the same firm is off on his vacation.

John McKenzie, of 49th Cambridge, Mass., is on a visit to his old home in Rossshire, Scotland. He expects to visit London and Belgium before he returns. Mr. McKenzie's greenhouse are in charge of his foreman, Charlie Sutherland. Miss Mary Gallagher, the popular clerk at his store, 1927 Massachusetts avenue, is looking after that part of the business.

A letter just received from A. Leuty of Rosslinde, Mass., who is now travelling in Europe, informs us that in Belgium as well as elsewhere he has found the weather very hot. He says that he finds the prices of azaleas fully as high as last year and some sorts in very short supply. But they are well budded and all stock looks well as a rule. From Belgium he was starting for Paris.
The Edgebrook Greenhouses and Nurseries
OF
THE GEO. WITT Bold CO.
Cordially invite all Florists interested in
Fine Ferns, Palms, and Nursery Stock
Also all other seasonable stock to stop over and visit our place at EDGE BROOK, CHICAGO, ILL.

Chicago, Milwaukee and St. Paul Railway
Week day trains from Chicago to Edgebrook
A.M. P.M.
6:35 9:20
12:20 1:53
2:05 3:00
5:25 6:03
7:45 8:45
9:45 11:20

Sunday Trains from Chicago to Edgebrook
A.M. P.M.
6:55 12:49
7:39 1:14
8:05 2:48
10:39 5:44
7:08 10:44

Phone us and we will meet any train at Edgebrook Station.
Phone Sunny-side 124.

12 miles from Union Depot.

We now have 80 acres of Nurseries and 70,000 square feet of glass at Edgebrook which is well stocked with a full line of seasonable plants.

JOHN COOK
Florist
318 North Charles St.,
BALTIMORE, MD.

NEW ENGLAND
FLOWER DELIVERIES
Send flower orders for delivery in Boston and all New England points to
THOS. F. GALVIN
124 Tremont St., Boston

TRANSFER
Your orders for flower or plant delivery in Eastern New England to
JULIUS A. ZINN
1 Park St., Boston

WELLESLEY COLLEGE
Tall Hall, Walnut Hill and Rockridge Hall
Schools. TAILBY, Wellesley, Mass.
Tel. Wellesley 647 and 9. Night 145

Chicago, Ill.—J. J. Saylor has purchased the store of F. C. Sturty, 1810 South Halsted street.

PERSONAL.
D. H. Eaton of Macomb, Ill., has gone to Sedalia, Mo., where he accepts a position as designer for the Archer Floral Co.
W. C. Collett, for many years manager of the A. C. Budget property at Redlands, Cal., has taken the management of the City nurseries succeeding Sidney Rockridge, recently resigned.
Dr. B. T. Galloway, Chief of the Bureau of Plant Industry of the Department of Agriculture, has sold the farm at Springfield, Mo., which he conducted, with the aid of his three sons, as a private experiment farm. Dr. Galloway intended to put into practice those things that he was endeavoring to teach the farmers but his health failed him, due to the extra work involved, which resulted in the sale of the farm.

NEW FLOWER STORES.
Attleboro, Mass.—A. W. Vose & Son.
Chicago, Ill.—M. B. Hirsch, Willard, Theatre Building, Fifty-first street and Calumet avenue, to be known as the Willard Florist.

CINCINNATI PERSONALS.
Miss Louise Forbes will spend a few weeks with her sister at Chicago. Mr. and Mrs. E. G. Gillett will soon leave for Michigan for a fortnight's stay.
Wm. Murphy and Tom Windram have gone to Snow Islands. Mr. Murphy went to Parkburgh, W. Va., last week to superintend the loading and shipping of a launch which he and his partner, Chas. Tigger, had purchased for use at the lakes and was royally entertained by Mr. Dudley of that city.

FLOWERS BY TELEGRAPH.
Leading Retail Florists Listed by Towns for Ready Reference.
Albany, N. Y.—H. G. Eyres, 11 N. Pearl St.
Boston—Thos. F. Galvin, 124 Tremont St.
Boston—Edw. MacMullin, 104 Boylston St.
Boston—Julius A. Zinn, 1 Park St.
Brooklyn, N. Y.—Robert G. Wilson, Fulton St. and Greene Ave.
Buffalo, N. Y.—William H. 304 Main St.
Chicago—William J. Smyth, Michigan Ave. and 31st St.
Cincinnati—Matthews, The Florist.
Denver, Colo.—Park Floral Co., 1654 Bway.
Detroit—A. B. Bremer's Sons, Main and Gratiot Ave.
Kansas City, Mo.—Samuel Murray, 201 Grand Ave.
Kansas City, Mo.—Wm. L. Rock Flower Co., 111 Walnut St.
Louisville, Ky.—J. H. Kehoe, 505 South Fourth Ave.
New York—David Clarke's Sons, 2600 Broadway.
New York—Alex. McConnell, 811 5th Ave.
New York—Young & Nagle, 42 W. 28th.
New York—Fords, E. B. cor. 44th St.
New York—Griffith, 10 Madison Ave.
San Francisco, Calif.—Holt & Olson.
Toronto, Can.—J. H. Dunlop, 98 Yonge St.
Washington D. C.—Gude Bros., 1214 F St.
Wellesley, Mass.—Tailby.
ASTERS
Good stock, $1.00—$1.50 per 100
Choice stock, $2.00 per 100
Fancy stock, $2.50—$3.00 per 100
White—pink—purple. Flowers above the average in quality. They are more plentiful now. You can depend on us to fill your orders with carefully selected stock.

The Leo Niessen Co.
Wholesale Florists
1209 Arch Street, PHILADELPHIA, PA.

THE BEST LETTERS
FOR THOSE MADE USE BY THE
Boston Florist Letter Co.

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO.
MANUFACTURERS
PHILADELPHIA, PA.

PETER REINBERG
WHOLESALE CUTFLOWERS
37 Randolph St., Chicago, Ill.
POEHLBANN BROS. CO.
33-35-37 Randolph St., CHICAGO

CUT FLOWERS
Greenhouses, Morton Grove, III.
George B. Hart
WHOLESALE FLORIST
24 Stone St., Rochester, N.Y.
The J. M. McCullough's Sons Co.

WELCH BROS.
AMERICAN BEAUTY, KILLARNEY, RICHFIELD, MARYLAND AND ALL THE SUPERIOR ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED
226 Devonshire Street, Boston, Mass.

WHOLESALE FLOWER MARKETS
TRADE PRICES—Per 100 TO DEALERS ONLY
Roses

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Am. Beauty, Fancy stock</td>
<td>15.00</td>
<td>25.00</td>
<td>25.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>Lower grade</td>
<td>8.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Richmond, Chatsworth, Fancy &amp; Spl.</td>
<td>5.00</td>
<td>6.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Paeon &amp; Spl.</td>
<td>8.00</td>
<td>10.00</td>
<td>12.00</td>
</tr>
<tr>
<td>Bride, Maid</td>
<td>10.00</td>
<td>10.00</td>
<td>12.00</td>
</tr>
<tr>
<td>Kaiserring, Carnation, Taff</td>
<td>15.00</td>
<td>20.00</td>
<td>25.00</td>
</tr>
<tr>
<td>CARNATIONS, First Quality</td>
<td>5.00</td>
<td>6.00</td>
<td>7.00</td>
</tr>
</tbody>
</table>

MISSCELLANEOUS

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutleaves</td>
<td>25.00</td>
<td>25.00</td>
<td>25.00</td>
</tr>
<tr>
<td>Lilies, Longiflorum</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Lily of the Valley</td>
<td>2.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>Gladioli</td>
<td>2.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Stocks</td>
<td>1.00</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>Tulips</td>
<td>1.00</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>Dianthus</td>
<td>3.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Snapdragon</td>
<td>1.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Sweet Peas</td>
<td>1.00</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>Gardenias</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Adenium</td>
<td>1.00</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>Sphagnum</td>
<td>1.00</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>Asparagus Plumulosus, seed (100)</td>
<td>15.00</td>
<td>20.00</td>
<td>20.00</td>
</tr>
</tbody>
</table>

J.A. BUDLONG
82-84-86 E. Randolph St., Chicago
OUR STOCK IS A-1 AND IT IS QUALITY NOT PRICES THAT TALKS

The Chicago Flower Growers' Association
176 N. Michigan Ave., CHICAGO

HENRY M. ROBINSON & CO.
15 Province St., BOSTON, MASS.
Everything in Flowers
Complete Stock of Florists' Greens,
Three Floors of Florists' Supplies.

TRY MY PRICES.

J. JANSKY
19 Provinc St., Boston, Mass.
Manufacturer of Florist Wire Designs.
All kinds of Florist Supplies.

New Crop Daggers and Fancy Pins, $1.75 per 100. Green and Bronze Galax, 12c. per 100; by the case, $7.50. Horsem, 54-in. or $50; by the lb., 5c. Laurel Wreaths, 12-in., $1.75 per dz.; 14-in., $2.25 per dz.; 16-in., $3.00 per dz., 18-in., $4.50 per dz. Laurel Trimming, 1 and 5c. per yd.
A CORDIAL INVITATION

is extended to all local and visiting florists and their friends to COME and SEE
our stock of
Crotons, Palms, Dracaenas, Ficus, Pandanuses, Araucarias, Boston Ferns
AND OTHER DECORATIVE STOCK.

Also our Ferns for Dishes or Ferneries, Poinsettias, Primulas, and other stock for growing on.

FRANK OECHSLIN,
4911 W. Quincy St.,
Chicago, Illinois

GREEN GALAX
New Crop Ready to Ship
Fresh from the Mountain Forests

Prices f. o. b. Galax, Va. (From this place freight and express rates are less than from North Carolina points.)

Green Galax, small size: .......................... $3.50 per case of 10,000. Larger sizes are 40c. per 1000. 2000 up, 25c. per case. Larger size are 50c. per 1000—any size.

Green Galax, large size: .......................... 4.50 per case of 10,000. Laurel Leaves (green): 40c. per 1000. Laurel Branches: 2.25 per case of 100 lbs.

We will be ready with New Crop Bronze-Galax about Nov. 1st. Prices same as quoted above on Green Galax. Booklet order for several dozen colors we will have the honor to send you forthwith when you have made your decision. Galax is our specialty—we get it good—and have been pleasing people—hundreds of them—with "Better Galax for less money" for years. If not a customer it will pay you to get in line. Do it now. If not in the market for Galax at this time and will be interested in what we have to offer later on, drop us a card that we may get you on our mailing list. We guarantee satisfaction.

W. M. WOODRUFF & SON,

Lowgap, North Carolina

FLOWER MARKET REPORTS.

Trade has been decidedly good in some lines of demand, especially the summer shipping trade to points north and on the coast. There is an enormous accumulation, however, of low grade flowers such as roses from young plants recently set out, asters, gladiolus, etc. American Beauty of fairly good quality are in good supply but demand has fallen off very suddenly and it is the opinion of wholesalers that crops from points more or less distant are being at present diverted heavily in this direction which would indicate that outlets elsewhere are congested. Killarney roses are not selling proportionately as well last year and it is in evidence that the trade are beginning to look with especial favor on those varieties which have shown points of superiority as "summer roses." Mrs. Taft (Prince de Bulgarie) and Radiance are among the popular newcomers in this line and the good old President Carnot is not losing a bit of its unique popularity. Kaiserin would be equally fortunate in the white class if only it did not bruise so readily. There are absolutely no buyers for the small flowers from stock in winter blooming rose houses. Very few carnations are seen and those are poor. In gladiolus, Shakespeare, Lafayette and America hold the admiration of the trade beyond all others. In the main, however, gladiolus in this market are unprecedentedly low in quality, due to the effects of dry weather. The worst failure is the asters. The market places are clogged up with bushels of asters—small, twisted, half developed freaks, showing the terrible results of the roasting and drying up which they have suffered except where they happened to have been planted in low wet ground. Of the latter there are plenty if you wish to have a few: the aster crop, as a whole, may be pronounced a dismal failure this year. Lilies and lily of the valley normal in all respects.

CHICAGO

was not a very satisfactory one to either the retail or the wholesale trade. There has been a decided falling off in the local demand, owing partly to the number of people now out of the city, and also a diminishing of the shipping business. More cut-out-door flowers, which are thriving as a result of the recent rains, are doubtless being used by flower lovers, and from now till frost comes the chances are that the demand will be lighter than in July, which was a particularly good month with most florists here. Asters are now here in quantity, and the first really long stems were seen this week. They were consigned to the J. A. Budlong Co., and were nearly three feet long. Indications are that the late crop will be all that can be desired. Carnations cut from the field plants are of course

(Continued on page 227.)
M. C. FORD
Successor to
FORD BROTHERS
121 West 28th Street
NEW YORK
FINE ROSES. FANCY CARNATIONS.
A Full Line of All CUT FLOWERS.
Telephone, 3820 or 3871 Madison Square.

H. E. FROMENT
Wholesale Commission Florist,
Choice Cut Flowers,
47 West 28th St., NEW YORK
Telephones 2200, 2201, Madison Square.

Alfred H. Langjahr
121 West 28th Street, New York
45 West 28th Street, New York
Call and inspect the Best Establishment
in the Wholesale Flower District.

Edward C. Horan
Wholesale Florist
55 West 28th St.

GREAT NEW YORK FLORISTS’ ASSOCIATION, INC.
Open for Cut Flower Consignments.
162 Livingston Street, BROOKLYN, N. Y.
Geo. W. Crawford Telephone Connection Manager 3642-43 Main.

Moore, Hentz & Nash
Wholesale Commission Florists
55 and 57 West 28th Street

WM. P. FORD
Wholesale Florist
45 W. 28th Street, NEW YORK

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ MAURICE L. GASS
Cowgas Building, 55-57 West 28th Street
NEW YORK CITY
Telephone 2921 Madison Square. Open from 8 a.m. to 6 p.m.

THE KERVAN COMPANY
Fresh Cut Evergreens, Mosses.
Southern Simples, Greens and Locusthia,
Preserved and Fresh Cut Cymes and Palmettes.
Tel. 1519 1589 Madison Sq. N. W. 28 St., New York.

REED & KELLER
122 West 28th St., New York
Florists’ Supplies
We manufacture all our Metal Designs, Baskets, Wire Work & Novelties and are dealers in
Osmans, Bottleforms, Greens and Florists’ Bouquets.

SIEBRECHT & SIEBRECHT
Wholesale Florists
136 W. 28th St., New York City

A. L. YOUNG & CO.
Wholesale Florist
131 West 28th St., New York

FRANK MILLANG
Wholesale Florist
55-57 W. 28th St., New York

ROBERT J. DYSART
Public Accountant and Auditor
28 STATE ST. - BOSTON
Telephone, Main 58.
Flower Market Reports

Continued from page 215

very short of stem, but many have fine color and good size. Roses are of all kinds and conditions, small ones predominating as usual at this season. There are some very satisfactory Beauties in the market, lily of the valley as good as ever for the season, and a fine lot of miscellaneous stock for variety. Golden Glow marks the passing of the first half of the summer. Triteums seems to have lost its powers of endurance in this market and drops almost invariably the day after arrival. A profusion of lilies of many kinds helps with the window display, and combined with green make an artistic effect. There is plenty of all kinds of green.

Business is only fair. CINCINNATI Flowers of all kinds are plentiful. Beauties, considering the season, could not be improved on. Tea roses are again coming in heavy crop and only the better grades move with any degree of regularity. Asters are becoming too numerous for the market demands. The majority of those received are of an inferior quality. There is an abundant supply of gladion, light and bright tints having the best call, the dark shaded kinds being slow. Longidorum, auratum, and speciosum lilies find a fair market. Green goods in ample supply.

NEW YORK exists here is not noticeably different from what it has been in previous years except that asters, field carnations, gladion and other long days deplore the market largely on outdoor weather conditions run much lower in grade than ever before. The only real good stock in this line is that from growers who have used water unspuriously or have planted on land at water level. Quality runs low on very many specialties, particularly roses. While there is a reasonable demand for such occasional first class stuff as may be obtainable yet the conditions generally are those of mediocre and dullness for which nothing can be done to change them. The main satisfaction lies in the fact that they cannot get any worse. There is practically no other growing trade in this market and the little agitation which other cents enjoy in these otherwise indolent times is denied the New Yorker, who must look to his own home market for flower buyers or else commit hari kari.

For the first three days of last week, all that could be desired. Then—every-

thing went to pieces. The demand in all lines seemed to vanish into thin air on or before the 1st. This situation stocks came piling in more than usual. Especially was this the case with the important summer crops such as asters and gladion. These latter were unusually good at the 1st. On Saturday came there was a big unsold pile which went with difficulty. There was a lot of other outdoor stock: such as cyanus, and lessened price, gladiola and so forth. Consequently there is no clamping of cymbals in our midst; but on the other hand we are not as yet altogether playing the dead March in Saul. Our high houses were shuttered; but we are not quite yet in the Sough of Despond! American Beauty sold well—so did My Maryland—and Killmary is getting better. A pleasing novelty in pink is the horticultural Prince de Bulgarie—lolling from local sources. A fine summer rose of a pleasing siel—very pink. All greens are too plentiful. Stephaniea is a refreshing novelty. Orchids are scarce and dear. Carnations are down and out. Gardenias are small but good and clean. Lilies good—never saw them better. The market all through ST LOUIS the last week was in excellent condition, all the wholesalers having plenty of stock of everything in season, and a glut was on in asters and gladion, many more of these coming in from our local growers than the trade could handle, and the price went down, almost cut to half of the week previous. Asters are also low. Roses are coming better and sold low also. Long Beauties are very cheap. A pleasing difference in lilies will be for a time. The retail trade is very dull, and on many days it is the dullest in years. They expect it to be so for this month at least.

Some Foley Greenhouses.

The Win. E. Lynch Co, have their range of greenhouses on Harlem Ave. ready for glazing. The material was furnished by the Foley Manufacturing Co., with their channel iron gutters and the double iron frames. 300 feet of continuous ventilation are secured by their apparatus. A similar plant by the Holler Bros. of New Castle, Ind., is now being erected, and all material for this is also furnished by the Foley Manufacturing Co. An extensive exhibit of greenhouse material has been shipped to Baltimore, and a greenhouse will be shown having all the latest Foley Improvements, and it
Middle of August already and time to think over the situation and plan for the best means of turning your flower product into its equivalent in cash next winter.

You want to deal with a house of long standing? One with a well established trade and good line of regular customers? One where best market values are upheld? Where prompt and trustworthy returns of sales are made? Where all obligations are met when due? All these you have a right to demand and we can fulfill them all. Have been doing it for many years and are doing it now.

**YOU ARE INVITED**

When going to or from the Convention to call and inspect our establishment, our facilities and methods. The oldest established cut flower commission house in the famous 28th Street District.

**P. J. SMITH**

Successor to JOHN I. RAYNOR

49 West 28th St., New York City

possible Phil. Foley will be in charge in person.

**Trade News.**

X. J. Rupp of the John C. Moninger Co. will attend the Baltimore Convention, as is his usual custom. There is no one better posted on the subject of right methods and right materials for making a good greenhouse plant than Mr. Rupp. Mr. McKee of the same firm states that florists generally are building a much better class of greenhouses than formerly. Their new catalog will be sent for the asking.

Frank Oechslin's new range of houses for palms and ferns is about completed, and will be planted by the time this is in print. They cover 125x 150 square feet of ground, and are a great addition to his range, occupying a space nearer the entrance and with the cement walls and walks make a very neat appearance. The Foley Manu-

facturing Co. furnished the material, and a Kroeschell boiler No. 12 was installed. Anyone interested in plants will be well repaid for a visit to this model establishment.

At the E. H. Hunt supply house new goods in all lines are coming in to take the place of the quantities that were moved out during their pre-inventory sale. A. F. Longren, salesman, who has just returned from a very successful trip thinks the conditions favorable to an active fall trade in all kinds of florists' supplies. A new man has been added to the force, R. H. Starback, who will take care of the western territory. A new wholesale catalog will be ready for distribution Sept. first, and should be in the hands of every florist.

**Personal.**

J. Starrett, the LaSalle Hotel florist is away receiving treatment for rheumatism.

James G. Hancock is calling on old friends in Grand Rapids and other Michigan points this week.

Geo. Woodward who has been ill all summer following an operation is soon to take a vacation. He will spend some time in Lake Geneva, Wis., which his friends hope, will go far toward his complete recovery.

C. K. Dickinson is combining business with pleasure at his summer home on Pelican Lake and writes that he has closed contracts for a good supply of Christmas green including berried stock.

Wm. Allen is now in charge of the conservatories in connection with the retail store of Schiller, the Florist, at 2221 West Madison street. Mr. Allen had several years of experience in the east when he first came from England, and has been with F. Oechslin the past year, so is very well fitted for the position.
THE RELIABLE HOUSE

Established 34 years. No competition has ever been able to undermine its standing with the Florist Trade

Whatever is worth having in Fresh Flowers, Greens or Florists' Supplies you will find here, satisfactory in quality and price. Finest facilities in the country for receipt, storage and shipping. Consignors' individual interests carefully conserved.

WELCH BROTHERS
226 Devonshire Street, - Boston, Mass.

CONVENTION GREETINGS

To the Members of our great National Society with best wishes for an uplifting and inspiring occasion at Baltimore.
Should you pass through NEW YORK CITY don't fail to call at 55-57 W. 26th Street, street floor. You will find a busy little place and the glad hand, the most eligible and central location in New York for the wholesale flower trade. Whether you wish to

BUY OR SELL

The time will be well spent—"And Don't Forget the Number."

CHARLES MILLANG, 55-57 W. 26th St., NEW YORK
WHOLESALE PLANT AND FLOWER DEALER
GREETINGS
TO THE S. A. F. CONVENTION——

Once again I extend my congratulations and best wishes for a prosperous Convention and the opening of a big fall business. The history of this “Old and Reliable” establishment for a quarter of a century is well known. It stands on its record as a Wholesale Flower House on which Grower and Retail Dealer can depend for a Square Deal always.

Call on your way to or from Baltimore and see the finest Gladioli coming to New York. Lots of other specialties also.

J. K. ALLEN
106 W. 28th. St., NEW YORK

Phone 167-4468 Mad. Sq.

NEW ENGLAND HEADQUARTERS
FOR FLORISTS' SUPPLIES

All Requisites in Green Material, Ferns, Galax, Laurel, Leucothoe, etc. Folding Boxes, Wire Work, Cycas Leaves, Baskets in great variety, Vases, Ribbons, Sheaves, etc., etc.

Bay Trees and Box Trees
ANY QUANTITY, ANY SIZE, FIRST QUALITY.
Auction Sales, Spring and Fall, of Trees, Shrubs, Evergreens, Florists' Plants and all Horticultural Material.

CUT FLOWERS
FINEST GRADE OF ALL FLOWERS AT BOSTON MARKET PRICES
SHIPPING TRADE SOLICITED

N. F. McCarthy & Co.
84 Hawley St., BOSTON.
WE STRIVE TO PLEASE  
THIS IS THE HOUSE THAT NEVER DISAPPOINTS  
Largest Flower Handlers in the United States. Receiving Stock Regularly from over 100 of the Best Growers in the Country.

HEADQUARTERS FOR FLORISTS' SUPPLIES  
AND ALL KINDS OF EVERGREENS

We occupy over 20,000 square feet of floor space in the heart of the business section of Boston. Beautiful Illustrated Catalogue on Request.

We Have Hundreds of Pleased Customers and Can Please You

Your Order Placed with us means a Regular Customer Afterward.

H. M. ROBINSON & CO.,
15 Province Street, 9 and 15 Chapman Place  
BOSTON, MASS.

CHICAGO FLOWER GROWERS' ASSOCIATION
176 NORTH MICHIGAN AVE.
NOW SELLING THE STOCK OF OVER SIXTY LARGE WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

Our officers are all men well and favorably known to the trade—and backed with years of experience.

Pres. JOHN F. KIDWELL  
Vice-Pres. E. MEURET  
Treas. ANTON THEN  
Sec'y. GEO. C. WEILAND  
General Manager, OTTO W. FRESE

Our facilities are the very best for handling our large stock and we have a constant supply of all cut flowers in season.

American Beauties, White Killarneys, Pink Killarneys, Richmonds, Perle, Maryland, Kaiserin, Cattleyas, Violets, Lily of the Valley, Lilies, Asters, Chrysanthemums, Gladioli. Miscellaneous stock of all kinds and a full line of green always on hand.

We solicit a share of your business and believe we can please you.

PHONE RANDOLPH 5449

All telegraph and hurry up orders filled in shortest possible time. Store open from 7 a.m. to 5 p.m. during July and August.

SUNDAYS CLOSED AT NOON

Only "Special Delivery" letters are delivered in Chicago on Sunday.
YES, YES, THEY'RE
Rose Growers, Carnation Growers
A Try at

But don't fool yourself into the idea that for this reason you will no longer
the jewelry trade to cut out Tiffany and the candy business to eliminate

WHAT YOU WANT

IF YOU BUY ORCHIDS

PLEASE REMEMBER

that it must take many years before any
establishment in this country can regu-
larly assemble the product of so many
noted collectors and growers of orchid
specialties as are represented in the
McMANUS aggregation. The stock we
carry speaks for itself. All the Cattleyas
are represented by the choicest sorts
in their season; Laelias, Lelio-Cattleyas,
Phalaenopses, Cypripedums, Dendrobi-
ums, Oncidiums, Vandas, Miltonias, Odon-
toglossums, Calanthes, etc., etc. The
Cattleya labiatas will begin in about
two weeks.

Telephone
759 Madison Square

JAMES
CATTLEYA HEADQ
ALL AT IT NOW

...Plant Growers, All Taking Cattleya.

...the ORIGINAL ORCHID HEADQUARTERS. Might as well expect to dispense with McMANUS if you want the best and if you expect to get WHEN YOU WANT IT

IF YOU GROW ORCHIDS

PLEASE NOT FORGET

that this establishment has a long and honorable record in business, was the first and is still the largest distributor of Cattleyas and all other orchids, has been the most liberal advertiser in this specialty and that by turning in your product to me to sell for you, your flowers get the benefit of all this extensive advertising and wide publicity and the great advantage our all-the-year-round demand brings as compared with the uncertain results where orchids are as yet only a "side line."

OTHER SPECIALTIES--Gardenias, Lily of the Valley, Sweet Peas, White and Yellow Daises, Asparagus and Choice Ferns.

McMANUS

TERS, NEW YORK

55 W. 28th Street
THE
FLORIST SUPPLY HOUSE
OF AMERICA

Want you to see the best, biggest and brightest display of florists' supplies ever exhibited. It will consist of all the new novelties it was possible to procure.

Everything that is new will be shown

All the newest and best ideas in BASKETS. All the best designs in foliage WREATHS. All the newest kinds of FERNS in their natural and colored effects. IMPERIAL CHINA and TONEWARE in many novel and pleasing shapes.

All the best FOLIAGE for decorative purposes. CREPE FLOWERS of every suitable color and variety, combining flower effects which will prove interesting. Every article displayed will be sure to be a new one to you.

A large staff of salesmen there to show you about. Make our Exhibit Quarters your own. All are welcome.

H. BAYERSDORFER & CO.
1129 ARCH STREET, PHILA., PA.
SPEAKING OF PHILADELPHIA

While we have no wish to minimize the gigantic strides that many sections of the country have taken in horticulture during the past few years—and while we glory in the progress of those, our neighbors and friends—yet we think Philadelphia still holds her own as a horticultural center; distributing plants, seeds, bulbs and cut flowers to all parts of the world in ever increasing volume—and consequently our national trade journal, HORTICULTURE, must still take cognizance of our good standing. That being granted, we beg once more to introduce our time honored "Philadelphia Section;" setting forth why the wide-awake tradesman should look to Philadelphia for a large part of his supplies. In plans and seeds for the florist's trade we believe Philadelphia still holds the premier position notwithstanding the great and growing claims of other sections of the country. A careful perusal of the following pages of reading and advertising will emphasize the point. In this section do not overlook Philadelphia's absolute pre-eminence in the matter of florists' supplies. She has the world's record in that connection and has had for many years.

ROBERT CRAIG COMPANY.

A Typical Philadelphia Horticulturist—When You Think of Philadelphia You Think of Craig.

A walk through Craig's new place at Norwood, Pa., shows the brilliant results of another year's enthusiastic and intelligent work. For years celebrated for crotons, they have this year outdone all former efforts. In addition to the old standard varieties, they have five hundred seedlings of their own raising, some of which will form a feature at the coming convention exhibition; 15,000 Dracaena terminals! such a lot was certainly never before seen in this country. Also Phoenix Roebelenii in better form than we have ever seen it.

Ficus Chavieri, a plant which is here being developed in quantity, is one which Mr. Craig thinks will be a great addition to the list of house plants on account of its beauty and durability.

The ferns at Norwood are particularly fine. From the quantity under way, Neph. Bostoniensis "Harrisi" is a favorite; a decided improvement over the old Boston variety. This was first distributed by the late Wm. K. Harris and has proven even better than he predicted it would. Nephrolepis Ele- ganssima Improved" is another good one. For six or seven-inch pots it is the best of all, but Neph. Schomburgkii, Compacta and Toicacoides are all grown in quantity, each being useful in its place. It would take too much space to name all the good things there. We say to readers of HORTICULTURE, go to see Norwood and you will be well repaid for the time taken. Extensive building improvements are underway.

Don't forget the old place at 49th and Market. Here's where they do things in quantity—100,000 Nephrolepis, 20,000 Cyclamen, 20,000 Crotons, 10,000 Pandanus Veitchii, 50,000 Poinsettias, 20,000 Lorraine Begonias and 8000 Glory of Cincinnati being grown for Christmas. Ficus pannarata is again seen in quantity and as fine as ever before, but go see for yourself. The visit will repay you.

JOSEPH HEACOCK COMPANY.

An impromptu party of Philadelphians accepted the invitation of Senator Heacock to visit his company's new rose-growing plant, near Yardley, Pa.
Profit by the Progress of Others

The Progressive Firms in any line of business always give the
Best in Material and Service. That is the reason for their progress.
Our Success, and consequent Progress is well known to all that
deal with us, and they profit by their knowledge. Take advan-
tage of the Best that is offered you. Investigate our Methods,
and better your business opportunities.

Every year we strengthen our position, by better facilities and
careful organization.

Why not take advantage of them for mutual profit?

THE LEO NIESSEN COMPANY

- Wholesale Florists

1209 Arch Street, PHILADELPHIA

LEO NIESSEN CO.—The steady
growth of this firm is well known to
all who are familiar with the cut flow-
er business. Although a
organization, the business is conducted
singly by Messrs. Leo Niessen, presi-
dent, and Arthur A. Niessen, secre-
tary and treasurer. From a most humble
beginning their business has grown to
such proportions that today it is con-
sidered one of the largest of its kind.
By no means are they satisfied with
what they have accomplished in their
particular line, and their progressive
spirit can readily be seen by the plans
which are now under way, which will
increase their facilities three-fold.
A new building is to be erected in the
heart of the city, which will rival any
establishment of its kind in the coun-
try. It will have every possible ad-
vantage, such as a central location, up-
to-date equipment, an abundance of
daylight, and—what would seem most
essential—the kind of management
which insures continued growth and
more success in the future. Unless the
business principles of this firm are
correct and of a high standard, it
would have been impossible for them
to have accomplished what they have.

BERGER BROS.—This firm, com-
posed of Harry and John Berger, was
established in the wholesale florist-
commission business in 1891, at 1220
Filbert street. They had been well
trained in the florist trade before this,
being associated with their father,
William Berger of Germantown.
Their business has been a success from
the start, and they are looked upon as
one of the most promising of the
younger firms who have lately en-
tered the ranks.

PENNOCk BROS.—This retail flor-
ist house was founded forty years ago
by Abram L. Pennock. The location
was then on 12th street between Mar-
ket and Chestnut streets. In 1890 his
brother, Joseph Liddon Pennock was
admitted and the firm name became
Pennock Bros., which it has remained
ever since. On account of failing
health J. L. Pennock retired and
shortly thereafter Thomas Cartledge
and John Westcott became partners.
The present members of the firm are
J. Liddon Pennock (a son of Abram L.
Pennock) and A. B. Cartledge (a son
of the late Thomas Cartledge). The
store is located at 1514 Chestnut street
and is a model for completeness and
up-to-date equipment. Notwithstand-
ing keen competition, brainy and ag-
grressive rivalry, this old house holds
its own, getting its full share of the
crowned-la-creme of the flower trade
of Philadelphia.

GODFREY ASCHMANN.—In the
florist business at 1012 Ontario street
since 1886—previous to that he had
been a jobbing gardener for seven
years. His three sons—John, Howard,
and Edward—are now associated with
him in the business, which has grown
to considerable proportions. Mr. Asch-
mann makes a specialty of flowering
and foliage plants for Christmas and
Easter—particularly begonias, azaleas,
ilies, palms and araucarias. He does
an extensive shipping trade, having
worked this up by unique advertising
methods through the trade papers.
The glass area is estimated at 25,000
square feet. Much of the stock offered
for sale is imported—Mr. Aschmann
making frequent trips to Europe for
the purpose of selecting the best bar-
gains.
BUYER AS WELL AS SELLER

Much is heard of how to sell goods—the buyer seems to be taken for granted. On the contrary, we think the buyer entitled to equal consideration. Well bought is half sold. We aim to be the faithful servant of both buyer and seller. Equal justice to both is our motto. Send your orders or consignments to us and judge.

BERGER BROS.,
Wholesale Florists
1305 Filbert St.,
PHILADELPHIA

PENNOCK BROS.
Retail Orders Filled and Promptly Delivered
1514 CHESTNUT STREET

AN INTERESTING RIBBON EXHIBIT.

The illustration shows an interesting exhibit of florists' ribbons, a branch of the business which in recent years has assumed large importance. To the experts in this line each flower has suggested some beautiful ribbon production, each one more beautiful than the last. Perseverance, taste and application business and how essential it is to your trade in these hustling times.

EDWARD REID

We have often had occasion to say a good word about our old-established commission florist and we have never said half enough. Mr. Reid is one of the shrewdest of the craft, and has been an important factor in the florist trade of Philadelphia all his life. His early training was in the growing end of the business. Then came a period of commercial training on the road for the then great seed house of Z. De-

tion have enlarged the selection greatly, and the flower retailer can now find an immense variety of materials in charming shades of color. The above picture gives a glimpse of part of the display of the Pennock-Meehan Co., of Philadelphia, at the National Flower Show last March.

Forest Fly & Co. In addition to this comprehensive fundamental training, careful management, ample capital and up-to-date methods have kept Mr. Reid to the forefront. Mr. Reid has friends and customers everywhere, but especially does his prestige shine in the sunny south, where he is universally known and personally beloved. His slogan is “Quality and Service.” And as an addenda to that he says “Prices”—meaning that while you get quality and service you pay no more than you would were these lacking. Is it any wonder his business grows?
SWEET PEAS AT FORDHOOK, 1911.

When one wishes to get a line on the very latest developments in sweet peas it is best to go to headquarters. That is Fordhook, of course. The Burpee sweet pea expert has very kindly furnished us with some information about the most striking of the newer sorts which we have pleasure in passing along to our readers. George W. Kerr has lived among the sweet peas in the field for many years and knows the manner of things. Whatever he has to say in response to your interviewer's questions may be taken as authentic. On being asked what varieties were most promising for next season he said:

Among new sweet peas for next season the most outstanding are undoubtedly Vermilion Brilliant, Irish Belle, Margaret Madison, Rainbow, Pearl Gray and Margaret Atlee.

Vermilion Brilliant is, as the name implies, a glowing crimson-scarlet variety and I would hesitatingly say it is easily the best and most distinct of its color, the flower being a decided self, that is the standard and wings being of the same shade of reddish crimson.

Irish Belle is a unique shade and might be termed a lavender self suffused throughout with rose. It is, however, a color most difficult to describe.

Margaret Madison is a beautiful pale blue or lavender of much the same color as Mrs. Geo. Higginson, Jr., a favorite grandiflora variety. This is undoubtedly a gem.

Margaret Atlee I consider one of the most beautiful varieties of sweet peas. The color is apricot on cream ground, the flowers being of immense size, quite a large proportion being produced with double or triple standards.

All the above were awarded certificates of merit by the National Sweet Pea Society at their recent show in Philadelphia, the first named variety, Vermilion Brilliant, receiving the silver cup offered by the Philadelphia North American for the best new variety not yet in commerce.

Of the varieties sent out last year those of outstanding merit are Stirling Stent undoubtedly the brightest and most glowing color in sweet peas. It might be described as a rich orange with suspicion of scarlet. It is early and a free flowerer and strange to relate, it burns but very slightly even in the hottest suns.

Florence Nightingale is a clear lavender which might be described as Asia Ohm without the rosy suffusion on the standard. This is a variety that we are certain would hold its place as a grand lavender for many years to come.

Chas. Foster is quite new as to color or scheme, the combination in this variety being most difficult to describe. The ground color is mauve through-out on which we find pinkish suffusions and veining. In some stages of growth it is rather waxily in appearance and although it seems to have created quite a furore in England we do not think it will ever become very popular here.

Earl Spencer is another very fine variety and approaches somewhat Stirling Stent but is not quite so glowing in color. Although said by many to be synonymous with the latter variety it is really quite distinct and is a most desirable sort.

Ethel Roosevelt although a striped variety bears the name for itself this season and has been much admired wherever grown. The striping, however, is so delicate that it has not the bizarreness of some of the heavier flaved varieties such as Galety, etc. Another name for this variety, by the way, is Mrs. Tegwell, the latter variety having been sent out this season by an English firm.

Arthur Green might be described as an immense Spencerized Duke of Clarence and there is certainly a place for this fine variety.

Edron Beauty which was raised on the other side of the "pond" and sent out with most glowing recommendations we consider nothing better than a good old favorite.

Martha Washington has been renamed quite a number of times this season it having been sent out in England under the name of Marchioness of Tweedale, Eric Harvey and Paradise Apple Blossom. This variety pleased me exceedingly last season and I cannot say that I am disappointed with it this year as it is a clear and dainty pea, the delicate rose markings on pure white ground making it a very attractive sort.

In blues we have this season made some wonderful additions in the Spencer class, the most outstanding varieties being May Farquhar, which might be termed a Lord Nelson-color, and Spencer and Paradise Navy which approaches May Farquhar in color and may be more of a true blue shade.

It was greatly disappointed with the Mauritius Deep Crimson and after careful comparisons throughout the growing season I put them down as being similar to good American stock of King Edward Spencer.

On being asked to give a list of the most distinct and best varieties of Spencers suitable either for exhibition or market work Mr. Kerr said he would hesitatingly plump for Countess Spencer, Florence Morse Spencer, King Edward Spencer, Mrs. Routbahn, Helen Lewis, Geo. Herbert, Florenz, Edward D. Miller, Grand Double Rose Spencer, White Spencer, Ohello Spencer, Mrs. Hugh Dickson, W. T. Hutchins, Constance Oliver, Marie Corelli, Mrs. C. W. Breadmore, Dainty Spencer, Miriam Beaver and Stirling Stent. Of course, this is only a matter of individual taste and perhaps the next grower if asked to make his selection might select a few of the number of alternatives in this list.

The latter list should be made a careful note of by those who wish to avoid the errors (and at the same time desire only the very best) as Mr. Kerr is in a position to know thoroughly the immense number of named varieties now catalogued.

G. C. W.

EVERGREEN SEED GARDENS,
TORRSDALE, PA.

Not quite two years old this place—the nursery department and trial grounds of the Michell Seed House of Philadelphia ranks among the most progressive and up-to-date establishments of its kind in the country.

Though well supplied now with modern dwellings, greenhouses, stables, storage houses, etc., and an unlimited number of acres is planning to add several large houses to take care of their supply of hardy roses, which in the near future will be the leading feature of these gardens. An immense collection has been already planted with the intention of retaining them as a permanent attraction to which will be added each year's new introductions so that visitors will here find a most complete collection. The land and location seems to be very favorable for the cultivation of the rose. Eighteen men are at present employed here.

Fully 20 acres are devoted to the growing of perennials and in addition there are more than 500 frames which contain perennials in pots, and are equipped with the overhead watering system. Henry F. Michell Co. found the demand for perennials during the summer months so great, that the quantity provided for another year is tenfold.

On a spacious lawn facing the railroad are three colossal circular beds filled with cannas and salvias, the centre bed containing Mrs. Wallace, yellow, with King Humbert, red, Canna Mrs. Wallace is regarded as the best pure yellow for bedding. Directly behind the lawn are blocks of hardy phloxes, at least 50,000. The latest variety of Y. Phlox has been released and cannot fail to be impressed with the pure white, Mrs. Jenkins, which is by far the best in its class.

Cannas are seen here by the acres, very effective for advertising purposes. Gladioli and dahlias are a new feature for these gardens this year. Particularly showy is Gladilus "Kunderi Gloria." Dahlias are looking very promising, but are not yet in bloom.

A most interesting spot is the trial of cacti to which an immense stretch is given over. A good novelty is Goniocereus americana, a product of Luther Burbank. The immense flowers do not open up quite but they are pure white in the evening, and beautiful pink in the morning. The new-colored salvias, white, yellow and salmon pink, are seen by the acres.

A young nursery of shrubs has been started this spring, which includes a block of 100,000 California privets.

Philadelphia, Pa.—Mrs. Flora Sheldon has purchased four acres of land at Highland Park and will erect a range of houses. Her property at Sixtieth and Pine streets has been sold.
When we claim to specialize in "Everything the Florist Needs," we mean just what we say. It is not a matter with us, like with some who pretend to be very savours of the florist fraternity by trying to sell you just your lilies, or again your seeds or bulbs, and then claim they can serve you better, while the fact is that they specialize in that particular line, because it is most profitable to them. No, we don't want part of your trade by picking out that which is most profitable to us earnest endeavor (and we believe we have to the florist the most complete line of florist's world and they are offered to you regardless we want all of your trade and we want you to cannot find an article anywhere else, you can But Here Does Not End Our Service.

It matters little what you may need, your order may call for a box of toothpicks or for 50 cases of Lilies. You will find our service at all times equally courteous, prompt and painstaking. You will find the house ever grateful and what is most important, you will find "QUALITY DISTINCTIVE."

Our Fall Catalogue Just Out, Write for a Copy

WIRE STAKES FOR ROSES
No. 8 STEEL WIRE, GALVANIZED

<table>
<thead>
<tr>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 foot</td>
<td>$0.50</td>
</tr>
<tr>
<td>3 foot</td>
<td>$0.60</td>
</tr>
<tr>
<td>4 foot</td>
<td>$0.70</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 foot</td>
<td>$1.00</td>
</tr>
<tr>
<td>6 foot</td>
<td>$1.20</td>
</tr>
</tbody>
</table>

STAKES FOR MUMS

<table>
<thead>
<tr>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>$0.75</td>
</tr>
<tr>
<td>500</td>
<td>$0.75</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000</td>
<td>$0.75</td>
</tr>
</tbody>
</table>

UNPAINTED STAKES OR DOWELS

<table>
<thead>
<tr>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 in.</td>
<td>$0.50</td>
</tr>
<tr>
<td>36</td>
<td>$0.60</td>
</tr>
<tr>
<td>36</td>
<td>$0.70</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>36 in. x 3-16 in.</td>
<td>$0.65</td>
</tr>
<tr>
<td>36 in. x 3-16 in.</td>
<td>$0.75</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>$0.75</td>
</tr>
<tr>
<td>42</td>
<td>$0.80</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>$0.75</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>$0.75</td>
</tr>
</tbody>
</table>

The above dyed green, 10c. per 100 or 50c. per 1000 additional.

DON'T FAIL TO SEE OUR EXHIBIT AND MEET OUR REPRESENTATIVE AT BALTIMORE.

HENRY F. MICHELL CO.

518 Market Street, Philadelphia
"Spencer" Type of Sweet Peas

Burpee's Special Re-Selected Stocks for 1911

"SPENCER" SWEET PEAS are a great specialty with us! We were the first to grow the seed in America—the stock having been entrusted to us before introduction, even in England, of the original COUNTESS SPENCER. We have grown "the original Beauty" and its many "sportive" children with painstaking care each season. There are but few other growers who can supply an equal assortment of TRUE RE-SELECTED "SPENCERS" that are uniformly of such choice quality.

You should try sweet peas from fall sown seed and thus obtain a bountiful supply of the choicest flowers to offer for sale Decoration Day and during the June commencements.

You can buy so-called "Spencer" Sweet Peas at half our prices—but the result will be only disappointment—and when in flower you will surely admit that you would gladly have paid EVEN DOUBBLE OUR PRICES to have had the BURPEE—QUALITY of the TRUE SPENCER TYPE!

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Per pkt</th>
<th>Per oz</th>
<th>Per 1/4 lb</th>
<th>Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTA OHN</td>
<td>A charming soft lavender.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>APPLE BLOSSOM SPENCER</td>
<td>Of same coloring as the popular Apple Blossom.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>AURORA SPENCER</td>
<td>An exact counterpart of Burpee's Aurora Sweet Pea</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>BEATRICE SPENCER</td>
<td>White ground, tinted with pink and buff...</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>COUNTESS SPENCER</td>
<td>A soft rose-pink.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>CONSTANCE OLIVER</td>
<td>Delicate pink, suffused cream.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>ETHEL ROOSEVELT</td>
<td>Pink fillings or stripes on cream ground.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>FLORENCE NORTON SPENCER</td>
<td>A beautiful shade of lavender.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>FLORENCE SPENCER</td>
<td>A light pink-edged Councillor.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>FLORENCE NIGHTINGALE</td>
<td>The best lavender Spencer. Half-size packet (10 seeds) 15 cts.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>GEORGE HERBERT</td>
<td>Bright rose-carmine.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>HELEN LEWIS</td>
<td>Crimson-orange; wings orange-red.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>KING EDWARD SPENCER</td>
<td>Deep carmine-scarlet.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>MRS. A. IRELAND</td>
<td>Buff ground suffused rose.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>MARIE CORELLI</td>
<td>Brilliant rose-carmine.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>MRS. C. W. BREADMORE</td>
<td>Buff ground, edged with pink.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>MRS. ROTAUMP</td>
<td>Apricot suffused with pink.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>MRS. SANKEY SPENCER</td>
<td>Black-seeded White Spencer.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>OTHILLO SPENCER</td>
<td>Rich deep maroon.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>PARADISE IVORY</td>
<td>Fuchsia rose on primrose ground.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>PRINCESS SPENCER (Re-selected)</td>
<td>Deep primrose flushed with rose.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>QUEEN VICTORIA SPENCER</td>
<td>Deep primrose flushed with rose.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>RAYMONDA SPENCER</td>
<td>Stripped blush pink on white ground...</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>SENATOR SPENCER</td>
<td>Deep charred stripes on heliotrope ground...</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>TENNANT SPENCER</td>
<td>Spencer form of Dorothy Tennant.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>WALTER SPENCER</td>
<td>Crimson maroon.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>W. T. HUTCHINS</td>
<td>Cream, margined with blush-pink.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>BURPEE'S WHITE SPENCER</td>
<td>(Re-selected).</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
<tr>
<td>SUPASSINGLY SI PEDI NEW &quot;SPENCER&quot; SEEDLINGS</td>
<td>A grand mixture of varieties of the true &quot;Spencer&quot; type.</td>
<td>$0.10</td>
<td>$0.25</td>
<td>$0.75</td>
<td>$2.50</td>
</tr>
</tbody>
</table>

The above prices are NET to Florists, except PRICES PER PKT., which are subject to 33 1/3 per cent. discount.

BURPEE'S BLUE LIST FOR 1911

A Complete Catalog of 146 pages, for Florists and Market Gardeners, will be mailed upon application, BUT ONLY TO THOSE ENTITLED TO RECEIVE IT. Our Retail Catalog is Free to everyone.

W. ATLEE BURPEE & CO., Philadelphia
Great News For 1911

Introductory

The Baltimoreans promise to give the members of the S. A. F. one of the most successful conventions ever held. Those attending cannot but realize the wonderful value these conventions are, with their splendid lectures, interesting talks, discussions and trade exhibits. Aside from these, the value of the personal talks with the big men of our profession are often worth the trip. Always something to learn—their opinions on this subject or that, the merits of some of the new introductions in carnations, roses or other flowers, and how best to handle them. A novelty whether it is in the flower line or in some other branch of the business always proves interesting to everyone.

Our Exhibit

Our exhibit at Baltimore will be one of the finest ever staged, containing many things new in ribbons, supplies, and florists' accessories.

New Roses For 1912

In addition to these, we will have a splendid display of cut flowers, fresh each day, of the new roses. Double White Killarney and Killarney Queen, originated by The Budlong Rose Co., and which are to be disseminated jointly by The S. S. Pennock-Meehan Co. and A. N. Pierson, Inc. (in the Spring of 1912.)

DOUBLE WHITE KILLARNEY with its stronger, more vigorous growth, larger and heavier flowers, double the petalage, and purer white is a tremendous improvement over White Killarney, and is sure to be a money maker to all who buy, not only for winter forcing, but for summer growing. We recommend it as being the best and grandest commercial White Rose today. As a summer rose, it is such an improvement over Kaiserin that there is no question about its replacing Kaiserin in that connection. At this writing it is three or four times as large as White Killarney.

KILLARNEY QUEEN is about three shades darker than Pink Killarney, and during dark and cloudy weather the color does not fade, but remains a bright, deep, rich pink. It is of very much more vigorous growth than Killarney, even a stronger grower than Double White Killarney. Flowers are about twice as large as Pink Killarney, about the same petalage, and borne on tremendously heavy long stems, larger and heavier foliage. Many consider this rose in the American Beauty class, its habit, growth, and size are so vigorous and far ahead of Pink Killarney.

Welcome to Visitors

We will be glad to have visitors make our exhibit their headquarters at any or all times during the Convention, where they will find Mr. Fancourt and his assistants glad to welcome them.

S. S. PENNOCK-MEEHAN CO.

THE WHOLESALE FLORISTS OF PHILADELPHIA

NEW YORK 109 W. 28th Street
PHILADELPHIA 1608-1620 Ludlow Street
WASHINGTON 1212 New York Ave.
A number of the very latest new things in floral requisites as displayed by M. Rice & Co., are unavoidably delayed in this column on account of the photographs not being ready. We illustrate instead a few of the more popular staples at present, all of which may be included among the out-of-the-ordinary and many of them among the new and novel. Wedding outfits, shap-

**Adjustable Pot Covers.**

herd's crooks and adjustable pot covers are among the former and will appeal to our readers from the good taste in their designing and their artistic finish. There is an improvement on the elastic adjustable pot cover, the waterproof crepe paper in two colors which has been so popular of late. The new pattern is more artistically frilled, shows off the colors better and is said to be no higher in price.

In the ribbon department special attention is being paid to the production of ribbons to match the popular roses. One of the happiest produced so far is the Killarney pattern. This has a light pink sheen on one side and a dark pink dull finish on the other, secured by shooting two colors of silk in the weave. A most charming effect when folded in natural arranging, and an exact match for the difficult flower. Similar effects are in evidence for Richmond, Beauty, Liberty and Maryland. There are also the contrasting shades for the same varieties carefully studied out. Another item is chenille cord and tassel with a twisted appearance that makes same particularly attractive.

Bridal scarfs in Venetian lace and in many filmy and artistic patterns are having a great run. Two yards long and varying in width from nine to twelve inches.

Miniature Panama hats are a specialty that pleases many. Can be used for favors and also for cluster flowers in corsage bouquets. Shields for corsage bouquets are an artistic attempt to protect the dress and yet blend conspicuously with the flowers. Some are made of paper, some of satin, the colors are violet, white and pink.

Lace bouquet holders are a French production. These are wavy and pleas-

**M. Rice.**

**B. Eschene.**

ing and of light fluffy outline. The same proposition is also done in a line of chiffons, and the latter are quite unique and distinct from the lace patterns. The two ideas are a renaissance of the old-style bouquet holder shorn of its stiffness and meeting the

**Italian Novelty Basket.**

**Panama Hat.**
more advanced artistic ideas of the present day. The chiffon folds droop so as to hide the mechanical work.

Prepared natural ferns are bewildering in variety and coloring. There are many new things in this department. The wild asparagus sprays in natural green are favorites, but a new device is to tip them scarlet and violet for Christmas trade. Ruscus wreaths are treated the same way and make a novel showing.

More trouble for the poor cycas grower. Some clever German has a new patented process and now you can't tell the preserved from the real thing. Flexible, soft and willowy, just the right shade, and last forever.

Waxed paper is now offered in a lovely "Moire effect." It looks to me like a watered silk pattern of, say, birds-eye maple cross grain or some such wood. Silver white, violet, moss green, nile green, light blue, pink. Not a cheap paper but splendid for fine trade and a high-class novelty.

Trouble again for the flower grower—an improved poinsettia. This time it has the foliage with it and has other perfection touches. Last, but not least, in the galaxy of novelties for 1911 come the baskets, and all lands have contributed their quota. Patterns in endless varieties—all of them charming. Gypsy baskets, fern boxes, Beauty baskets, carnation baskets, many of them with handles near the ceiling. Bridge designs, pot holders, raffia concoctions, in a bewildering array.

There are seen some excellent Swiss novelties in little butter tubs, water carriers, etc., in wooden ware, illustrated with a colored flower spray. The Italian baskets in pink, white and yellow in dainty and graceful weave make one think of a Venetian madrigal or a Neapolitan love song. The whole collection is very gay and graceful.
CRAIG QUALITY CROTIONS
ARE BEST KNOWN AND KNOWN TO BE BEST

The above slogan could also apply to the many other Craig specialties. We are making new customers very fast and with our increased glass area, we are in a position to take good care of you. Eventually you will handle Craig Quality Stock. Why not now? Our many customers advertise our stock and our stock advertises us.

Our Convention Exhibit of Craig Quality Stock will far exceed anything in the past, and that's going some. We hope to meet many of our friends in Baltimore. We will be represented in the trade exhibition hall by Messrs. W. P. Craig, Duncan Macaw and Robt. A. Craig who will be happy to show you the finest exhibit of

FANCY CROTONS, IN MANY VARIETIES

Cyclamen  Phoenix Roebelenii
Begonia Lorraine  Dracaena Terminalis
Begonia Cincinnati  Dracaena Massangeana
Genistas  Dracaena Lord Woollsley
Ficus Pandurata  Dracaena Fragrans
Areca Lutescens  Dracaena Bronze Beauty
Pandanus Veitchii,  Dracaena Mandaiana
Nephrolepis in Variety, etc., etc.

We extend a cordial invitation to all members of the S. A. F. O. H. to stop off in Philadelphia either going to or returning from Baltimore. We will be pleased to show you our stock at both Philadelphia and Norwood.

Take car marked 69th and Market Sts. or train on the Penna. R. R. to Norwood Station.

ROBERT CRAIG CO.

Branch: Norwood, Pa.
WE WILL EXHIBIT AT THE BALTIMORE CONVENTION

Dreer's Variegated Pines

(ANANAS SATIVA VARIEGATA)

We are the first to offer this most beautiful of all variegated foliage plants in quantity and at prices nearly as low as good Pandanus Veitchii can be purchased for.

You will make no mistake in giving these a trial; it will make a chance and variation in your foliage plants which will be appreciated by your customers and which will prove a profitable investment to you.

0.99 each 1.99 each 2.99 each
1-inch pots, fine plants
2-inch pots, fine plants
3-inch pots, fine plants

We will also show a full line of Specialties and our staff of salesmen will be in attendance and will give full information regarding same.

If you are passing through Philadelphia, stop off and visit our Riverton and Riverview Nurseries; an inspection of this kind of places is certain to prove both pleasant and profitable.


CLUBS AND SOCIETIES

AMERICAN ROSE SOCIETY.

At a meeting of the Executive Committee held in New York City at Traendly & Scheneck's office, President Adolph Fairenawald of Roslyn, N. Y., presiding, the following matter in question was the settlement of the payment of prizes awarded at the National Flower Show in Boston. There had been a variance of opinion as to who was to be paid to the National Flower Show Committee, and still this has been settled. The prizes have been held in abeyance. Vice-President Philip Breitmeyer advised, "I am in favor of a settlement rather than have any ill-feeling especially with the lot of men who have worked so hard to make the recent show a success. I would pay up and forget. Let us go ahead with unity and kindness and do all the better in the future." The Executive Committee who were unable to attend sent the President of the American Rose Society a letter. After due consideration, the amount called for by the National Flower Show Committee in full settlement of all claims was paid. The committee was composed of five members, including H. C. Peirce, President; A. S. Scobell, Treasurer; F. W. Farenwald, Secretary; E. H. Rankin, and W. S. F. Brinton.

FRUIT MEN.

A formal motion was put and carried as follows: "That the Treasurer of the American Rose Society pay to the order of the Executive Committee the sum of five hundred and thirty-seven dollars, being the amount called for by the National Flower Show Committee in full settlement of all claims for damages paid in the Spring Exhibition in Boston, March, 1917." Treasurer H. C. Peirce, May, upon receiving the action of the meeting drew the check for $537, and forwarded it to Treasurer E. A. Allen, Pelree of the National Flower Show Committee and after this is paid, it leaves net in the treasury of the American Rose Society a larger sum than has been there before at this time of year.

At the coming convention in Baltimore, it is planned to have a meeting of the American Rose Society to be as largely attended as possible, on Thursday, August 17th, and at that time the question of the next Annual Exhibition to be held in Detroit as to date thereof, and the holding of the show jointly with the Carnation Society will be brought up.

The Rose Show in Boston, out of all the fine things on exhibition, was the most attractive to the masses of people who were there and at Detroit there would be every opportunity to exhibit to the people of both the United States and Canada and we want a good reciprocity show from everyone concerned, who can help to make it go.

HENRY C. PEIRCE, Sec'y.

The Florists' Club of Washington held their August business meeting in the store of Gude Bros. Co., E. C. Mayberry presiding. Among the communications received was a letter from Otto Seliger, Jr., of Springfield, Ill., asking, for information as to the whereabouts of one Otto Sweeney. The latter is unknown here but it may be that Mr. Sweeney may be a member of some organization elsewhere. A proposed driving regulation which contemplates an unobstructed view from sides, rear and front of all vehicles, is not consoled desirable by local florists owing to the fact that they use covered wagons. This regulation would prove quite serious in winter.

The committee comprising Messrs. Otto Bauer, Harry Lewis and N. Hammer were appointed to look after the matter of transportation of the club members to the convention and to endeavor to get a goodly body together to attend at least on the first day. A low estimate would show 75 members will attend—this exclusive of the ladies. It is planned to have the Washington aggregation leave in a body at 1:00 P. M. over the Baltimore and Ohio R. R. Messers, Bauer, Lewis and Hammer were also appointed to the committee on membership for temporary duty. In the absence of Mr. Oehmler, Wm. F. Gude acted as secretary.

CLARENCE L. LINTZ.

WESTERN DAHLIA AND GLADIOLUS ASSOCIATION.

In response to a call sent out by a number of growers, an organization to be known as the Western Dahlia and Gladiolus Association, was formed in Chicago on August 5th. The object is to bring the growers together for profit as well as pleasure, and we trust will be of use in extending the popularity of the two flowers. There are two classes of members, active and associate; the latter are not responsible for the holding of the organization, only so far as membership fee goes, but will be given all the privileges of the association except voting, and will be helped in every way possible in growing the flowers. This part is intended for the amateur and we trust to make a success of the program. It is also planned to issue a bulletin as soon as arrangements can be perfected. Officers are as follows:


It is intended to hold a show as soon as arrangements can be perfected, and the sentiment now is in favor of Indianapolis, Indiana, sometime in September.

E. D. THOMPSON, Sec'y.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

This Association meeting in Kansas City, Mo., August 9, chose Boston.
CALLAS

13¢ — 2-inch, 320 to case.

Just received from Japan.

SUPPLY LIMITED. ORDER AT ONCE.

Yokohama Nursery Co., Ltd., Barclay Street, New York

WE'LL BE THERE WITH THE BLOOMS

PLACE: FIFTH REG'T ARMORY, BALTIMORE.
TIME: AUGUST 15-18.

GLADIOLI OF COURSE

JOHN LEWIS CHILDS, Flowerfield, L. I., N. Y.

Mass., as the place for their convention of 1912.

W. H. Dunn, superintendent of parks of Kansas City, was elected president, and F. L. Stulford of Washington, D. C., was re-elected secretary and treasurer for the ensuing year.

Six vice-presidents elected include Charles E. Keith, Bridgeport, Conn.; James R. Shea, Boston, and F. C. Green, Providence, R. I.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Public notice is hereby given that S. A. Anderson, of 410 Main street, Buffalo, N. Y., offers for registration the begonia described below. Any person objecting to the registration or to the use of the proposed name, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Description: — An improvement on the begonia Gloire de Lorraine. The yellow center is twice the size of that of the regular Lorraine; it is self branching; has five petals in the flower instead of four; it throws twice as many flowers as the Lorraine. Name, "Betty Anderson."

H. B. DORNER, Secretary.

August 3, 1911.

CLUB AND SOCIETY NOTES.

The election of officers at the last Detroit Florists' Club meeting resulted as follows: President, Geo. Brown; vice-president, J. F. Sullivan; secretary, H. Schroeter; treasurer, Robert Rahaley. Everybody is delighted to have J. F. Sullivan among the officers because his enthusiasm and earnestness in club work is much needed at this time. The annual outing to Bols Blanc Isle will be held Aug. 29th.

At the meeting of the Gardeners' and Florists' Club of Baltimore, last night (Aug. 7), there was the largest attendance of the year. A good number of new members was added to the roll. Charles L. Seybold former superintendent of Carroll Park and F. C. Bauer returned yesterday from a European trip of several weeks.

The Retail Florists' Association of St. Louis meets on Monday night, August 14th. The great importance of this meeting should bring out a very large attendance. The meeting will be held at 8 o'clock in the Knights of Columbus Hall. (Why not hold it in Baltimore? — Ed.)

State Vice-President Fred H. Weber is rounding up quite a large delegation to represent St. Louis at the convention next week at Baltimore. He expects to list a few more at the club meeting this Thursday afternoon.

The fall flower show by the Horticultural Society at the Coliseum next November promises to be a good one. The same week the Chrysanthemum Society of America meets with us. O. C. Koenig, secretary of the society will be at the Convention to enlist entries for the show.

IN BANKRUPTCY.

Ukiah, Cal. — J. R. Banks filed a petition in insolventy on July 26. Liabilities $5376, no assets.

MISSOURI'S FRUIT OUTLOOK.

The State Board of Horticulture is in receipt of special reports from correspondents in all of the counties of the state which show that the outlook for a good apple crop is still excellent. Taking the average condition of the crops in the state, the outlook for the apple crop has declined seven points, the present estimate being thirty per cent. of a full crop. The peach situation remains practically unchanged, the present estimate being 25.2 per cent. as against 29.2 per cent. a month ago. Since a large number of these reports are based upon seedling peaches, the estimates will have to be cut in half. The outlook for grapes is excellent, the average for the state being seventy-five to eighty per cent. Blackberries and similar fruits were almost a failure except in the southwestern counties.

There is some complaint of drought injury but it does not seem to be serious. Unless there are heavy rains apples will be smaller than usual but the color and quality will be unusually good. Fruit has dropped badly where trees were unpruned and uncultivated. There is no rot but scab is prevalent.

Nearly all sections of the state have lately had rains so that the situation as regards apples certainly ought not to grow any worse, and it is believed that it will materially improve as additional moisture in the soil will cause the fruit to increase in size very rapidly. It now seems that nothing can prevent an apple crop which will be fully 200 per cent. greater than was harvested in the state last year.
Boddington’s Quality Christmas and Winter-Flowering Sweet Peas

At the Exhibition and Convention of the National Sweet Pea Society of America, July 12th and 13th, 1910, we again won the C. C. Morse & Co.’s Silver Cup for the finest and best collection of Sweet Peas open to the trade only.

**BODDINGTON’S QUALITY WINTER-FLOWERING SWEET PEAS**

At the Exhibition and Convention of the National Sweet Pea Society of America, July 12th and 13th, 1910, we again won the C. C. Morse & Co.’s Silver Cup for the finest and best collection of Sweet Peas open to the trade only.

**BODDINGTON’S EXTRA EARLY CHRISTMAS WHITE SNOWBIRD**
An exceptionally early Sweet Pea for indoor flowering—will bloom six weeks after sowing. College type, white long stems; habit fairly dwarf and of exceptionally free flowering qualities. Without doubt, the finest early white for indoor planting. We sell one grower in Indianapolis, Ind., 2,000 stems every year, name on application. Oz., 20 cts.; $1.50; lb., $7.50.

**BODDINGTON’S CHRISTMAS PINK**
This is the earliest and most profuse flowering variety available by sowing the seed under glass in latter part of August. Fowers can be cut from Thanksgiving on during the winter months. Oz., 25 cts.; 1/4 lb., 75 cts.; 1/2 lb., $1.50; lb., $7.50.

**BODDINGTON’S CHRISTMAS WHITE**
A companion to our Christmas Pink. Just as free and profuse a bloomer. Oz., 18 cts.; 1/2 lb., 35 cts.; 1/4 lb., 65 cts.; 1 lb., $1.00.

**BODDINGTON’S CANARY**
Similar to the Peacock variety, but of an exceptionally good yellow. Oz., 35 cts.; 1/4 lb., $1.00; 1/2 lb., $1.75; 1 lb., $7.00.

**BODDINGTON’S FLAMINGO**
Color scarlet; free-flowering and early. Oz., 20 cts.; 1/4 lb., $1.25; 1/2 lb., $2.50; lb., $9.00.

**Christmas Meteor**

**Christmas Captain**

**Bonnie Hunter**

**Greenbrook**

**Le Marquis**
This is the same color as Princess of Wales; violet; has very large flowers. Oz., 25 cts.; 1/4 lb., 75 cts.; 1/2 lb., $1.25; lb., $7.00.

**Miss Helen G. Gould**

**Miss Jean Prow**
Large very large flowers. Oz., 25 cts.; 1/4 lb., 75 cts.; 1/2 lb., $1.25; lb., $7.00.

**Mrs. F. J. DeBuck**

**Miss Zvolanek**
White, ruffled; good for variety. Oz., 35 cts.; 1/4 lb., $1.50; 1/2 lb., $3.00; lb., $7.00.

**Wm. B. May**
Very fine lavender, a grand florists’ variety. Oz., 50 cts.; 1/4 lb., $1.50; 1/2 lb., $3.75; lb., $7.00.

**Wm. Reynolds**
Very fine lavender, a grand florists’ variety. Oz., 50 cts.; 1/4 lb., $1.50; 1/2 lb., $3.75; lb., $7.00.

**Watchmen**

**Mrs. M. Stewart**

**Miss L. A. Miller**
White, ruffled; good for variety. Oz., 35 cts.; 1/4 lb., $1.50; 1/2 lb., $3.00; lb., $7.00.

**Mrs. C. H. Woolsey**
After a long illness Mrs. C. H. Woolsey, wife of C. H. Woolsey, florist, of Rockford, Ill., died on July 31, aged 54 years. She was married to Mr. Woolsey in 1857, in the house in which she was born and which has always been her home.

**Miss Minnie Johnson**
On July 25, Miss Minnie Johnson, of the firm of Johnson, Dayton, Ohio, died at her home 195 North Main street. She was born in Dayton, 1852, and spent her entire life there. The business was established by her self and sister in 1882, and was the first flower shop in Dayton. The business will be continued by Miss Lucy Johnson.

**Edward McNally**
Edward McNally, nurseryman and florist, Anchorage, Ky., died after an illness of several months. Mr. McNally came to this country from Dublin, Ireland, forty-five years ago and started in business in Anchorage. He is survived by his wife and four children.

**James J. O’Leary**
James Joseph O’Leary, of the firm of O’Leary & Son, 43 Panning Street, Lowell, Mass., on August 5th, 1911, aged 49 years. He was married with his father in the florist business. His parents and one sister survive him.
PANSY SEED TIME

Choice Varieties of Giant Pansies

**Giant Treumardean.** Improved mammoth-flowering in good range of color. $0.15 $0.50 $1.00

**Giant Masterpiece** (Prilled Pansy). Petals beautifully waved, exquisite colors. .15 $0.5 $3.00

**Cassier's Giant.** A fine strain of large highly colored flowers. .15 $0.5 $3.00

**Giant Bugnot's Stained.** Exhibition, Extra choice flowers, large and plenty of light colors. .50

**Giant Madame Perret.** A recent introduction, by a celebrated French specialist; of strong, free growth. Especially rich in red shades. .15 $0.5 $3.00

**Giant Fire King.** Brilliant reddish yellow, with large brown eyes. $0.25 $1.0 $3.00

**Giant Lord Beaconsfield.** Deep purple violet, top petals light blue. .15 $0.5 $1.0

**Giant Canary Bird.** A fire-spotted yellow variety. Ground color, a deep golden yellow and each petal is marked with a dark blotch. .15 $0.5 $3.00

**Giant Orchideaeform, or Orchid-flowered Pansy.** Splendid variety. Beautiful shades of pink, lilac, orange, rose, terra cotta, chamoline, etc. .25 1.25 4.00

**Giant Emperor William.** Ultramarine blue, purple eye. .10 .50 1.00

**Giant Golden Queen.** Bright yellow, no eye. .15 .90 2.00

**Giant Golden Yellow, Yellow, brown eye.** .25 .75 2.00

**Giant King of the Blacks (Panther). Black.** .15 .90 2.00

**Giant President McKinley.** Golden yellow, large dark blotch. .15 .90 3.00

**Giant Prince Bismarck.** Yellowish brown, dark eye. .25 .75 2.00

**Giant Royal Lilac.** A fine chocolate lilac. .15 .90 2.00

**Giant Pansy.** Crimson-rose, white margin, violet blotch. .15 .90 2.00

**Giant White.** Violet spot, the largest white. .10 .50 1.00

---

**PANSY—Boddington's "CHALLENGE"—All Colors**

This mixture contains all the finest Giant strains of the leading Pansy Specialists in the world—the Giant self-colors, the Giant striped and margined, and the Giant blotched, etc, all carefully mixed in proportion—the finest that money can buy—the finest your money can buy. A florist who has grown it said, "Why don't you call it Defiance?"

**Trade pkt. 50c; ¼ oz., 75c; ½ oz., $1.50; 1 oz., $2.75; 2 oz., $5.00**

---

**ARThUR T. BODDINGTON, Seedsman, 342 West 14th St., NEW YORK**

---

**Hybrid Rhododendrons**

**ORDER NOW FOR COMING SEASON**

We offer the largest, most varied and most reliable stock in the world, of Really Hardy varieties.

Write for list of recommended sorts and prices.

We carry also a full line of other fancy nursery stock for the hardy garden.

**JOHN WATERER & SON, Ltd.**

American Nursery, BAGSHOT, ENGLAND
**ORCHIDS**

We beg to recommend to prospective buyers our fine, large and varied stock of Orchids, samples of which we will have at the Convention of the S. A. F., in Baltimore, Md., Aug. 15-18. Your call and inspection is cordially invited.

**LAGER & HURRELL**  
SUMMIT, N. J.

---

**ORCHIDS**

**LARGEST IMPORTERS, EXPORTERS, GROWERS AND HYBRIDISTS IN THE WORLD**

SANDER, St. Alban's, England  
and 258 Broadway, Room 721  
NEW YORK CITY

**ORCHIDS**

**PLANTS AND FLOWERS always on hand**

**ORDONEZ BROS.**  
Madison, New Jersey

**ROEHR'S**

Orchids, Azaleas, Palms,  
Lorraines, Crotons

**RUTHERFORD, N. J.**

LORRAINE BEGONIAS

Strong 2½ in. stock, ready for 3½ in.  
Per 100, $15.00; 250 at $14.00 per 100.

**THOMAS ROLAND, Nahant, Mass.**

---

**INCORPORATED.**

Cleveland, Ohio—The Cleveland Flower Exposition Co., capital stock $15,000, Incorporators, H. P. Knoble and others.

Martinsburg, W. Va.—The Cherry Hill Orchards, to carry on all kinds of agricultural and horticultural operations, general nursery business, etc., Capital stock $50,000, Incorporators, Alex. Clohan, L. H. Thompson, H. J. Thompson, R. S. Thompson and Clarence E. Martin.

---

All bulbs of quality must bear a price in proportion to the skill, time, expense and risk attending their cultivation and distribution. Those bulbs termed dear are usually, when justly estimated, the cheapest; they are cultivated with much less profit than those usually termed cheap. The business of supplying bulbs cheaply and not attending to that excellence of quality necessary to eventual success, is the most frequent and certain cause of business decadence among bulb houses throughout the world. It cost more to produce ten Giganteum of superior quality than it does twenty of common calibre. Real good Giganteum must be planted very deep in the soil and well fertilized and cultivated. It takes much longer and costs much more, but the bulbs are worth all it costs to those who know bulb values. Horseshoe Brand Giganteum are today the best we know of and we can recommend them to the most exacting growers of lily bulbs in the world. The cost to you is exactly in proportion to what you pay for—they are a-la-carte Giganteum. Write for prices—they are the kind your business requires.

---

Ralph M. Ward & Co.  
12 West Broadway  
NEW YORK CITY

Bamboo Canes, Cold Storage  
Giganteum, Formosas, Magnificum and Aureatum ready for delivery now or later.
LILIUM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6-7 inch bulbs, 335 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000
7-9 inch bulbs, 200 to the case, $16.00 per case; full thousand lots, $75.00 per 1,000
9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000

FERNS

We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-inch pots . . . . . . . . . . . . . . . . $0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis, and Harrisii, heavy 8-inch plants, $1 to $1.50 each
Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10-inch plants . . . $2.50 each

F. R. PIERSON COMPANY, Tarrytown on Hudson, NEW YORK
August 12, 1911

HORTICULTURE 241

We Stand Back of Our Goods
and Guarantee Safe Arrival of Shipments to all Parts of United States and Canada

H. H. BARROWS, Sr.

H. H. BARROWS, Jr.

Boston Ferns
4½ inch from bench, Each 10c.; 3½ inch from bench, Each 7c.; 2½ inch from bench, $30.00 per 1000, Each 3c.

Nephrolepis Whitmanii
2½ inch - - $5.00 per 100, $40.00 per 1,000

Nephrolepis Magnifica
2½ inch - - $15.00 per 100
3½ " " Pot grown - - 25.00 per 100

HENRY H. BARROWS & SON, WHITMAN, MASS.

PALMS, FERNS, DECORATIVE AND FOLIAGE PLANTS
Also Azaleas, Begonias, Bay and Box Trees
A. LEUTHY & CO.
Perkins Street Nurseries, Roslindale,—Boston, Mass.
Price list on application.

PALMS, FERNS AND DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. ephista B136—BROOKLYN, N. Y.

ASPARAGUS HATCHERI
The new Asparagus. Beats the old plumosus in every respect. From 2½ inch pots, $15 per 100.
A. N. Pierson, Inc.
CROMWELL, — CONN.

Araucaria Excelsa
5 in., 2 to 4 tiers, 40c. and 50c.; 5½ to 6 in., 4, 5 and 6 tiers, 60c. 75c. and $1.00; 7 in., 25, 30, 40, and 50 in. high, for lawns and porches, $1.50 to $5.00.
Cash with order, please.

Godfrey Aschmann
Wholesale Grower, Shipper and Importer of Pot Plants.
1012 West Ontario St., PHILADELPHIA, PA.

BEST PALMS
All Varieties, All Sizes. Send for Price List
Joseph Heacock
Wyncote, Pa.

DIRECT IMPORTATIONS
Bay Trees, Kentias, Azaleas, Valley Pips, Roses, Rhododendrons, Flaxwood, Manetti, Evergreens, Jap. Lilies, Halas, etc., etc.
Nursery stock from France, Holland, England and Japan.

McHutchison & Co. 17 Murray St. NEW YORK, N. Y.

For Fall Planting
Lilium Tenuifolium, Henry's Hansoni, Wall. and Davallioum; Elegans var., Single and Double Thors; Japan Tree Lilac; Delphinium formosum; Japan and German Irises; Daphne Choconum.
Fall list ready in August.

E. S. MILLER
Wading River, — N. Y.

LOECHNER & CO.
JAPANESE LILIES
LILY OF THE VALLEY PIPS
PALMS, AZALEAS, &c.
11 Warren Street, New York, N. Y.
Write for quotations.
Buyer's Directory and Ready Reference Guide

Advertisements under this head, one cent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Buyers falling to find what they want in this list will confer a favor by writing us and we will try to put them in communication with reliable dealers.

For List of Advertisers See Page 248
FLORISTS’ ENCYCLOPEDIA FREE
For page see List of Advertisers.

FLORISTS’ LETTERS
Boston Florist Letter Co., 55 Pearl St.,
Boston. For page see List of Advertisers.

FLORISTS’ SUPPLIES
N. E. McCarthy & Co., 84 Hawley St.,
Boston. For page see List of Advertisers.

H. M. Robinson & Co., 15 Province St. and
9 Chapman Place, Boston, Mass.
For page see List of Advertisers.

For page see List of Advertisers.

Reed & Keller, 120 W. 65th St., New York.
For page see List of Advertisers.

Bayerdorfer & Co., 1129 Arch St.,
Philadelphia. For page see List of Advertisers.

For page see List of Advertisers.

FLOWER POTS
W. H. Emigh and M. St.,
Washington, D. C. For page see List of Advertisers.

For page see List of Advertisers.

Hilfinger Bros., Ft. Edward, N. Y.
For page see List of Advertisers.

Syracuse Floral Co., Syracuse, N. Y.
For page see List of Advertisers.

Peters & Reed Pottery Co., Zanesville, O.
For page see List of Advertisers.

FOR-GET-ME-NOTS
For-Get-Me-Not Gardens and Royal
Blue, size large plants from seed 50c,
per 100; $1.50 per 1000. M. B. Saunders Co.,
25 Burnett St., Providence, R. I.

FRUIT TREES
Dwarf Fruit Trees, by F. A. Wauq,
mailed to your address for 55 cents by
Horticulture Publishing Co., 11 Hamilton
Place, Boston.

GALAX
Michigan Cut Flower Co., 58 and 40 Broad-
day, Detroit, Mich.
For page see List of Advertisers.

Kervan Co., New York.
For page see List of Advertisers.

H. M. Robinson & Co., 35 Province St.
For page see List of Advertisers.

GERANIUMS
R. Vincent, Jr. & Sons Co., White Marsh,
Maryland. For page see List of Advertisers.

Geraniums, our selection, 4 in., $7.00 per
100; 3 in., $4.00 per 100; 2 in., $2.00 per
100; 150c. per 1000. More than 100
varieties. Send for geranium catalogue.
A. D. Root, Wooster, O.

GLADIOLUS
Silver Trophy and Florist, Mixture Gladi-
oli bulbs, Novelty and small sizes,
for sale in October. S. E. Spencer, Rosin-
dale, Mass.

GLASS
Boston Plate & Window Glass Co., Boston.
For page see List of Advertisers.

Standard Plate Glass Co., 20-30 Sudbury
St., Boston.
For page see List of Advertisers.

Foley Mfg. Co., Western Ave., between
250 and 270 St., Chicago.
For page see List of Advertisers.

Shap, Partidge & Co., 22d and Lumber
St., Philadelphia. For page see List of Advertisers.

Parke-Ayres Bros., 25 Monro AVE.,
Brooklyn.
For page see List of Advertisers.

Metropolitan Mfg. Co., 50 Metropolitan
Ave., Brooklyn, N. Y.
For page see List of Advertisers.

Greenhouse Glazed Prices, John-
son-Howard Glass Co., Hartford, Ind.

GLAZING POINTS
For page see List of Advertisers.

GOLD FISH
Gold fish, aquarium plants, canna-
ties, globes, aquarium, fish foods, etc.,
wholesale. For page see List of Advertisers.

GREENHOUSE BUILDING MATERIAL
A. T. Stearns Lumber Co., Nepouset,
Mass. For page see List of Advertisers.

King Construction Co., N. Tonawanda, N. Y.
For page see List of Advertisers.

J. C. Mininger Co., 117 East Blackhawk
St., Chicago, III. For page see List of Advertisers.

For page see List of Advertisers.

Pecky Cypress for Bunches.
For page see List of Advertisers.

S. Jacobs & Sons, 1329-63 Flushing Ave.,
Brooklyn, N. Y.

Lord & Burnham Co.,
1153 Broadway, New York.
For page see List of Advertisers.

GREENHOUSE CONSTRUCTION
For page see List of Advertisers.

King Construction Co., N. Tonawanda, N. Y.
For page see List of Advertisers.

A. T. Stearns Lumber Co.,
Nepouset, Mass. For page see List of Advertisers.

Hitchings & Co., 1170 Broadway, N. Y.
For page see List of Advertisers.

Lord & Burnham Co.,
1153 Broadway, New York.
For page see List of Advertisers.

For page see List of Advertisers.

GUTTERS
For page see List of Advertisers.

HAIL INSURANCE
Florists’ Hill Assn. of America.
J. G. Esler, Saddle River, N. J.
For page see List of Advertisers.

HARDY FERNS AND SUPPLIES
For page see List of Advertisers.

Michigan Cut Flower Exchange,
26 and 40 Broadway, New York.
For page see List of Advertisers.

The Kervan Co., New York.
For page see List of Advertisers.

J. Janaky, Boston, Mass.
For page see List of Advertisers.

HEATING APPARATUS
Kronleit Bros. Co., 400 Erie St., Chicago.
For page see List of Advertisers.

Lord & Burnham Co.,
1153 Broadway, New York.
For page see List of Advertisers.

HERBACEOUS PLANTS
P. Ouwerkerk, P. O. No. 1, Hoboken, N. J.
For page see List of Advertisers.

For page see List of Advertisers.

Bobbieck & Atkins, Rutherford, N. J.
For page see List of Advertisers.

HOLE
For page see List of Advertisers.

HOT-BED SASH
For page see List of Advertisers.

For page see List of Advertisers.

Parke-Ayres Bros., Brooklyn, N. Y.
For page see List of Advertisers.

Lord & Burnham Co.,
1153 Broadway, New York.
For page see List of Advertisers.

HYDRANGEAS
F. R. Pierson Co., Tarrytown-on-Hudson,
New York.
For page see List of Advertisers.
HORTICULTURE

Eastern Chemical Co., Boston, Mass.

For page see List of Advertisers.

Blight kills all greenhouse pests.
R. E. Palaebr, Ocenabro, Ky.
For page see List of Advertisers.

For page see List of Advertisers.

Aphie Manufacturing Co., Madison, N. J.
For page see List of Advertisers.

McHutchison & Co., New York, N. Y.
For page see List of Advertisers.

Loechner & Co., New York, N. Y.
For page see List of Advertisers.

Trees, Shrubs, Roses, Evergreens, Pests in HARDY PLANTS.
Eliewoar & Barry, Rochester, N. Y.

Manutti of the Trees of North America, by C. S. Herseut, mailed to your address for $0.00 by Huntington Publishing Co., 11 Hamilton Place, Boston.

ONION SETS
Leonard Seed Co., Chicago, Ill.
For page see List of Advertisers.

For Sale. Winter Onion Top Sets, select A. S. Pett, Crawfordsville, Ind.

ORCHID FLOWERS
Jan. McManus, New York, N. Y.
For page see List of Advertisers.

ORCHID PLANTS
Lager & Harrell, Summit, N. J.
Fresh Imported and Established Orchids.
For page see List of Advertisers.

Orderer Bros, Madison, N. J., Box 108.
For page see List of Advertisers.

Snuder, St. Albans, England.
Imported Orchid Growing and Hybridists.
For page see List of Advertisers.

Orchids—largest stock in the country.
Steve plants and Cattleya rooted collection.
Julius Roehrs Co., Rutherford, N. J.

Orchid Growers' Manual. By B. S. Williams, 300 Illustrations, 500 pages; descriptions of upwards of 2000 species and varieties of orchidaceous plants, etc. The most complete work ever published on orchid culture ever published. Price $10.00. Orders filled by HORTICULTURE, 11 Hamilton Place, Boston.


PALMS
For page see List of Advertisers.

For page see List of Advertisers.

John Scott, New York, N. Y.
For page see List of Advertisers.

Julius Roehrs Co., Rutherford, N. J.
For page see List of Advertisers.

Joseph Roehrs, Rutherford, N. J.
For page see List of Advertisers.

Loechner & Co., New York, N. Y.
For page see List of Advertisers.

PANSE SEED
Arthur T. Bodlisington, New York, N. Y.
For page see List of Advertisers.

Giant Exhibition Pansies.
For page see List of Advertisers.

PAPER POTS
Crosby & Son, Catsville, Baltimore, Md.

PATENTS
Stigges & Stigges, Washington, D. C.
For page see List of Advertisers.

FECKY CYPRESS BENCHES
For page see List of Advertisers.

For page see List of Advertisers.

PEONIES
Peonies Chinese—divisions, 2 to 3 eyes, Humil late pink and Houtchies, Tyriam red $1.50 per plant, 25 cents, plus, early white, Duchesse de Orleans, early pink, Coite de Jelsey very car, $3.50 per plant, 50 cents, plus, Early Ruby, $3.50 per plant, 50 cents, plus, early red, $1 per plant, 25 cents, plus, Extra Ten- rose, $3 per plant, 75 cents, plus, Extra Twenty- rose, $5 per plant, 75 cents, plus, Extra Twenty-Six- rose, $7 per plant, 75 cents, plus.

For page see List of Advertisers.

PEONIES—Continued
PEONIES—1200 sorts, an enormous stock.

PETUNIAS
Petunias (Dreer's), mixed, 2½ in., $2.00 per 100. One doz. for $6.00.
J. C. Schmidt, Bristol, Pa.

PHOTOGRAPHIES
I make a specialty of photographing flowers, plants, etc., for reproduction. Let me submit samples and prices on material for the next catalogue or circular. Special work to order promptly. See page 298.
R. G. Graves, 414 Hayward Bldg., Rochester, N. Y.

PLANT STAKES
Seeble's Tiedless Plant Stakes and Trellises. H. D. Seeble & Sons, Elkstatt, Ind.

PLANT TUBS
"Riverton Special.
For page see List of Advertisers.

PIPE AND FITTINGS
For page see List of Advertisers.

Kroescheek Bros., Co. 466 Erie St., Chicago.
For page see List of Advertisers.

Metropolitan Material Co., Brooklyn, N. Y.
For page see List of Advertisers.

POINSETTIAS
Skidelsky & Irwin Co., Philadelphia.
For page see List of Advertisers.

POT HANGERS
Pot hangers, Kramer's $1 doz. by exp.
$1.25 by mail. L. N. Kramer & Son, Cedar Rapids, Iowa.

PRIMULAS
Primulas Chinese, fine plants. 2½ in.
$2.00 per 100; 390 for $5.00.
J. C. Schmidt, Bristol, Pa.

PRIVET
California Privet, any quantity, size, age. Others say ours is the best grown. Write for prices; also on shrubbery, ornamentals, fruit trees, asparagus, etc. Franklin Davis Nursery Co., Baltimore, Md.

RHODODENDRONS
P. Y. Werkmeister, Florence, N. J.
For page see List of Advertisers.

Bobbhink & Atkins, Rutherford, N. J.
For page see List of Advertisers.

RIBBONS AND CHIFFONS
For page see List of Advertisers.

For page see List of Advertisers.

ROSES
Chas. H. Totty, Madison, N. J.
Own Root and Grafted Roses.
P. Ouwerkerk, F. No. 1, Hoboken, N. J.
For page see List of Advertisers.

For page see List of Advertisers.

W. & T. Smith Co., Genera, N. Y.
American Grown Roses.
For page see List of Advertisers.

Bay State Nurseries, North Abington, Mass.
For page see List of Advertisers.

Wood Bros., Fishkill, N. Y.
Own Root Roses.
For page see List of Advertisers.

Wanted—Roses of any kind. Melrose Garden Co., 90 Melrose St., Providence, R. I.

SCALECIDE
B. G. Pratt Co., New York, N. Y.
For page see List of Advertisers.

SEED GROWNERS
Braslup Seed Growers Co., San Jose, Cal.
For page see List of Advertisers.
SEEDS
T. J. Grey Co., 32 So. Market St., Boston. For page see List of Advertisers.
Joseph Breck & Sons, 31 and 32 N. Market St., Boston, Mass. For page see List of Advertisers.
Richards Bros., 37 E. 11th St., New York. For page see List of Advertisers.
245 A. Co., New York. For page see List of Advertisers.
Boddington, West York. For page see List of Advertisers.
Advertisers.
Dreer, Mich.
Horan, N. C. For page see List of Advertisers.
J. McCarthy 19th cost. For page see List of Advertisers.
Slebrecht.
Advertisers.
F. allAdvertisers.
J.Advertisers.
Budlong, Keller,
Withers, New Cowee, C. For page see List of Advertisers.
Pennock-Meehan-Smith, Boston, Mass.
James Viek's Sons, Rochester, N. Y. All-Leading Favors Seeds. For page see List of Advertisers.
The W. W. Barnard Co., Chicago, Ill. For page see List of Advertisers.
J. Bolgiano & Son, Baltimore, Md. For page see List of Advertisers.
Hjalmr. Hartmann & Co., Copenhagen, Denmark. For page see List of Advertisers.
SNAPDRAGONS
Snapdragons, white and pure pink, best sellers of all snapdragons, 25 c., $2.00 per 100; $18.00 per 1000; 50c at 1000 rate. Cash. Clement S. Levis, Alden, Del. Co., Pa.
SPHAGNUM MOSS
Live Sphagnum moss, orchid pot and orchid baskets always on hand. Lager & Harris, Summit, N. J. For page see List of Advertisers.
Ten bales sphagnum moss, $7.00. Z. K. Jewett Co., Sparta, Wis.
SPRAYS
TREE RENOVATION
John T. Wither, Inc., Jersey City, N. J. For page see List of Advertisers.
VALLEY PIPS
Hjalmar Hartmann & Co., Copenhagen, Denmark. For page see List of Advertisers.
Loechner & Co., New York, N. Y. For page see List of Advertisers.
VARIEGATED PINEAPPLES
Henry A. Dreer, Philadelphia, Pa. For page see List of Advertisers.
VENTILATING APPARATUS
WIREWORK
Reed & Ketter, 122 W. 25th St., N. Y. For page see List of Advertisers.
James M. Jones, Boston. For page see List of Advertisers.
WIRED TOOTHPICKS
W. J. Cowee, Berlin, N. Y. For page see List of Advertisers.
WOOD PRESERVATIVE
Conservus Wood Preservative doubles the life of all exposed lumber. Preserves benches, posts, slats or planking. Costs as a little as never before, alone its cost. Samuel Cohn, Inc., Mfg. Chemists, Boston, Mass.
WHOLESALE FLORISTS
Boston
N. P. McCarthy & Co., 84 Hawley St. For page see List of Advertisers.
Norre Bros., 225 Devonshire St. For page see List of Advertisers.
II. M. Robinson & Co., 15 Province St. and 9 Chapman Pl. For page see List of Advertisers.
Buffalo, N. Y.
William F. Kasting Co., 353-57 Elliott St. For page see List of Advertisers.
Chicago
Peter Reitsberg, 51 Wabash Ave. For page see List of Advertisers.
J. A. Bedlong, 37-79 Randolph St. For page see List of Advertisers.
Chicago Flower Growers' Association, 170 N. Michigan Ave. For page see List of Advertisers.
Cincinnati, Ohio
The J. M. McCullough's Sons Co., 316 Walnut St. For page see List of Advertisers.
Cromwell, Conn.
A. N. Pieron, Cromwell, Conn. For page see List of Advertisers.
Detroit
Michigan Cut Flower Exchange, 38 and 40 Broadway. For page see List of Advertisers.
New York
M. C. Ford, 121 W. 28th St., New York For page see List of Advertisers.
H. E. Froment, 57 W. 28th St., New York. For page see List of Advertisers.
H. C. Horan, 55 W. 28th St., New York. For page see List of Advertisers.
A. H. Longfellow, 55 W. 28th St., New York. For page see List of Advertisers.
James McManus, 55 W. 28th St., New York. For page see List of Advertisers.
W. F. Sheridan, 139 W. 28th St., New York. For page see List of Advertisers.
Wm. H. Kiecher, 28 Willoughby St., Brooklyn, N. Y. For page see List of Advertisers.
Moore, Hents & Nash, 55 and 57 W. 20th St., New York. For page see List of Advertisers.
Greater New York Florists' Association, 102 Livingston St., Brooklyn, N. Y. For page see List of Advertisers.
A. L. Young & Co., 54 W. 28th St., N. Y. For page see List of Advertisers.
Charles Millang, 55 and 57 West 26th St. For page see List of Advertisers.
P. J. Smith, 49 West 26th St., N. Y. For page see List of Advertisers.
Frank Millang, New York, N. Y. For page see List of Advertisers.
Treadwell & Schenck, New York, N. Y. For page see List of Advertisers.
A. Moitz & Co., New York, N. Y. For page see List of Advertisers.
Slebrecht & Slebrecht, 120 West 26th St., New York. For page see List of Advertisers.

YOU CAN LARGELY INCREASE YOUR FALL BUSINESS

By inserting an advertisement in these columns beginning at once.

MANY FLORISTS WILL SELECT THEIR STOCK FROM AMONG THESE ANNOUNCEMENTS

In writing to Advertisers kindly mention Horticulture
New Offers in This Issue

ANNUAL MEETING.
Florists’ Hall Association, Saddle River, N. J.
For page see List of Advertisers.

ARTSTONE FLOWER VASES.
Patrick Grace, Brighton, Mass.
For page see List of Advertisers.

BOSTON FERNS.
H. H. Barrows & Son, Whitman, Mass.
For page see List of Advertisers.

CALIFORNIA PRIVET.
For page see List of Advertisers.

CALLA BULBS.
Yokohama Nursery Co., Ltd., New York, N. Y.
For page see List of Advertisers.

CARNATIONS AND ROSES.
J. M. Rayner, Greenport, N. Y.
For page see List of Advertisers.

CEMENT BENCHES.
E. H. Hunt, Chicago, Ill.
For page see List of Advertisers.

CHOICE SEEDS FOR GARDENERS AND TRUCKERS.
Perrels Irill, Hempstead, L. I., N. Y.
For page see List of Advertisers.

CHRISTMAS AND WINTER FLOWERING SWEET PEAS.
Arthur T. Huddington, New York, N. Y.
For page see List of Advertisers.

CONVENTION EXHIBIT ANNOUNCEMENT AND INVITATION.
Conard & Jones Co., West Grove, Pa.
For page see List of Advertisers.

CONVENTION GREETINGS.
Charles Milling, New York, N. Y.
For page see List of Advertisers.

CRAIG QUALITY CROTONS.
For page see List of Advertisers.

ELASTIC-LYKE GREENHOUSE GLAZING PUTTY.
E. H. Hunt, Chicago, Ill.
For page see List of Advertisers.

EVERYTHING THE FLORIST NEEDS.
For page see List of Advertisers.

EXHIBIT ANNOUNCEMENT.
For page see List of Advertisers.

FERNS, PALMS AND NURSERY STOCK.
The George Withfield Co., Chicago, Ill.
For page see List of Advertisers.

FLORISTS’ SUPPLY EXHIBIT.
For page see List of Advertisers.

FLOWER POT SPECIAL.
For page see List of Advertisers.

GLADIOLUS EXHIBIT.
John Lewis Childs, Flowerfield, L. I., N. Y.
For page see List of Advertisers.

GRATE BARS.
Broadway Iron Foundry, Cambridgeport, Mass.
For page see List of Advertisers.

GREEN GALAX, NEW CROP.
W. M. Woodruff & Son, Lowgap, N. C.
For page see List of Advertisers.

GREENHOUSE BUILDING DISPLAY.
John C. Moninger Co., Chicago, Ill.
For page see List of Advertisers.

GREENHOUSE CONSTRUCTION DISPLAY.
The Poele Manufacturing Co., Chicago, Ill.
For page see List of Advertisers.

GREETINGS TO S. A. F. CONVENTION.
J. K. Allen, New York, N. Y.
For page see List of Advertisers.

HAMMOND’S COPPER SOLUTION.
Hammond’s Paint & Shtg Shot Works, Fishtkill-on-Hudson, N. Y.
For page see List of Advertisers.

HEADQUARTERS FOR FLORISTS’ SUPPLIES.
For page see List of Advertisers.

HYBRID RHODODENDRONS.
For page see List of Advertisers.

INVITATION.
Frank Oechslin, Chicago, Ill.
For page see List of Advertisers.

INVITATION.
For page see List of Advertisers.

NEW ENGLAND HEADQUARTERS FOR FLORISTS’ SUPPLIES.
For page see List of Advertisers.

NEW GLADIOLUS NIAGARA.
Frank Banning, Kinsham, O.
For page see List of Advertisers.

NEW ROSES FOR 1912.
For page see List of Advertisers.

NEW ROSES ORIGINATED BY JACKSON DAWSON.
Eastern Nurseries, Jamaica Plain, Mass.
For page see List of Advertisers.

NORWAY SPRUCE.
For page see List of Advertisers.

ORCHID DISPLAY AT CONVENTION.
Lager & Harrell, Summolt, N. J.
For page see List of Advertisers.

ORCHID SPECIAL.
James McManus, New York, N. Y.
For page see List of Advertisers.

PANSY SEEDS.
For page see List of Advertisers.

PAPER WHITE NARCISSUS, WHITE ROMANS.
For page see List of Advertisers.

PEONIES.
S. G. Harris, Tarrytown, N. Y.
For page see List of Advertisers.

PHILADELPHIA WHOLESALE FLORISTS.
For page see List of Advertisers.

RELIABLE CUT FLOWER COMMISSION HOUSE.
P. J. Smith, New York, N. Y.
For page see List of Advertisers.

RELIABLE FLORISTS’ SUPPLIES AND FLOWERS.
Welch Bros., Boston, Mass.
For page see List of Advertisers.

RETAIL FLORIST.
John Cook, Baltimore, Md.
For page see List of Advertisers.

RETAIL ORDERS FILLED.
For page see List of Advertisers.

REVERO GARDEN HOSE.
Revere Rubber Co., Boston, Mass.
For page see List of Advertisers.

SLUG SHOT.
Hammond’s Paint & Shtg Shot Works, Fishtkill-on-Hudson, N. Y.
For page see List of Advertisers.

SPHAGNUM MOSS.
The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

SPENCER SWEET PEAS.
For page see List of Advertisers.

“SQUITO RID.”
Aphlne Manufacturing Co., Madison, N. J.
For page see List of Advertisers.

SUNDRIES AND INSECTICIDES.
For page see List of Advertisers.

TREES.
Franklin Davis Nursery Co., Baltimore, Md.
For page see List of Advertisers.

VINGA MINOR.
F. A. Bolles, Brooklyn, N. Y.
For page see List of Advertisers.

WHOLESALE CUT FLOWERS.
Edward Reid, Phila., Pa.
For page see List of Advertisers.

WHOLESALE FLORISTS.
Chicago Flower Growers’ Association, Chicago, Ill.
For page see List of Advertisers.

WHOLESALE FLORISTS.
For page see List of Advertisers.

In writing to Advertisers kindly mention Horticulture
During Recess

New York Bowlers.

At the practice game last Friday evening several of the old timers were there and the captain furnished an interesting paper on "How to Bowl Over 200," with illustrations. New York ought to make itself felt at Baltimore. The scores:

August 171 125 Dish Shaw 109 112 106
Berry 111 114 Kansas 151 136 151
Bowden 111 124 106 Modes 188 196 176
Holst 115 140 118 Young 146 170 155
Scott 152 153 146 Chivick 236 272 271

Final games of the season, August 11th.

Michell vs. Harris.

The Michell nine have been stopped in their mad career for the championship. They journeyed out to Darby, Pa., on the 5th and met their Waterloo in the shape of W. K. Harris twirlers—and got trimmed 14 to 9. Their excuse is that they were short three players on account of vacations and had to put in green subs. The next game will be with the Win. Henry Maude team at Andalusia, in connection with the first annual picnic of the Michell employees.

Notes.

A final tryout between the Chicago bowlers took place Tuesday. The convention men played the Stay-at-Home but too late for us to report results.

The North Shore Horticultural Society will hold a picnic at Tuck’s Point, West Manchester, Mass., on Aug. 19. A programme of sports has been arranged for the day.

The H. F. Michell Co. employees held their first annual picnic at the Michell Trial Grounds at Andalusia today, August 12th. Two special trolley cars leave 5th and Market st at 1 P.M. A ball game with the Deer Boys and much other fun and frolic. Refreshments will be served.

The Kentucky Society of Florists, Louisville, Ky., held their picnic at Stower’s Grove, on July 31. The affair was a great success, about 200 people attending, W. H. Leckner was chairman of the picnic committee, and J. B. Stokes master of ceremonies. Outdoor games of all sorts were played.

A card from a swell restaurant in New York, just received, bears this inscription: "At the round table: J. Austin Shaw, J. S. Wilson, L. C. Bobbink, and Mrs. Lin. Hubbink, Dulcia M. Wilson. Brother Wilson has now been east long enough to get the Iowa boy seed shook out of his locks. He appears to have been in the right kind of company to finish the job.

WASHINGTON NOTES.

President Taft and a number of prominent American and foreign diplomats have been invited to attend the national conservation congress at its third meeting to be held in Kansas City, Mo., September 25 to 27, and to speak on the subject of the conservation of the natural resources of this country for which purpose the congress will be held.

Frederick H. Kramer and William F. Gude have been appointed members of the general committee which will have charge of the convention of the National German-American Alliance to be held at the Hotel Willard, October 6. Mr. Gude will also have charge of the decorations. It is expected that 250 delegates representing some 2,000,000 German-American citizens will attend.

With a view to the increased efficiency on the part of their employees, as well as from a moral standpoint, the local florists have promised to lend their aid toward at least the partial elimination of the cigarette habit and to this end have tentatively agreed to discourage the use of cigarettes by all employees and to refuse to hire or employ any boys addicted to this habit. J. H. Small & Sons, have been prominently mentioned in this connection and all of the others, practicaly, are falling into line with Dr. Harvey W. Wiley of the Agricultural Department, at the head.

It is reported that the Bureau of In- surer Affairs is experiencing some little difficulty in obtaining capable and efficient men, experienced in their respective lines, for service in the Philippine Islands. There will be two examinations held September 6 and 7, one of them being for agricultural inspectors; the other for a geologist. It is further reported that there are, at the present time, twelve vacancies in the position of agriculture chemist and that there will be a regular numerical within the next few months. The position pays from $1200 to $1400 per year, with transportation, etc.

The local florists and members of the Florists’ Club of Washington are somewhat disappointed over the fact that the program of the convention at Baltimore will not permit of some time being given over to the florists solely during the convention period, but any of attending members who may desire to come on route either to Baltimore or their homes may be assured that the hearty wishes of a great many are invited to make their headquarters at Gode Bros.’ store, 1214 P Street, N. W., to have their mail addressed there and to otherwise make use of the premises.

The local police and those of other nearby cities, have been asked to endeavor to locate one Caskin A. Albee, a Belgian florist, who came here on July 10, with a view to securing a suitable site for a florists’ shop, but of whom nothing has since been heard.

He left Brooklyn, N. Y., with some $2000 in cash and some eggs in his pocket, leaving his wife and child behind to await the time until he could properly provide a home for them here. Albee is described as being 25 years of age; about 5 feet, 8 inches in height, black hair and mustache; black eyes; full lips; wore black clothes and a straw hat. Mrs. Albee is a little English, informed the police that the habits of her husband were excellent and that there seemed to be no cause for his disappearance other than possibly foul play.

CLARENCE L. LINZ.

DETOIT NOTES.

Tony Schmidt, successor to R. O. Kelly, is very well pleased with the way business has started.

Carey & Leff is a new firm of retailers who will open a store on Woodward Ave., near Peterboro St.

Walter Tappe and his wife have returned from a trip to the Thousand Islands and the St. Lawrence River.

Richard March has bought the place of Phil. Hildebrand, 66 Clipper St., consisting of four houses, 18 x 100, dwelling and barn.

Murray Patterson was married on August 2 to Miss Minnie Foot in Scotland. The happy couple will return home on the S. S. Mauretania, leaving Liverpool on Aug. 12.

THE EXULTANT GLADIOLUS.

I note with great interest that at the recent banquet given by President Taft to Admiral Togo, held in the State Dining Room at Washington, the tables were decorated with red gladioli. The reporter makes the usual blunder of calling them gladiolus. Every grower of this beautiful flower will, no doubt, be very much obliged to be given a place of such great prominence at the Executive Mansion. We hope the time will come when the public generally will know enough about the flower to spell it and pronounce the name correctly.

S. E. SPENCER.

Roslindale, Mass.
**DON'T FORGET**

*When at the Convention at Baltimore*

To call on Foley and see the **GIBLIN BOILER**.

**FOLEY'S FLAT RAFTER HOUSE** with channel iron gutter and malleable sash bar fastener. The best thing on the market.

Write Foley for everything in greenhouse construction. Prices are right. Goods the very best.

**THE FOLEY MANUFACTURING CO.**
Western Avenue and 26th Street, CHICAGO, ILL.

---

**ARTSTONE FLOWER VASES AND SUN DIALS**

Artstone Vases do not, like stone, become soft in midsummer to harm the plants. Artstone is indestructible exposed, while iron soon rusts, and marble gradually disintegrates and crumbles.

Flowers, like gems require appropriate settings. Artstone beauty enhances plants in a more realistic and ideal manner.

Stamens, petals, and leaves are more realistic and ideal, and better enhance the beauty of the flowers. Artstone is very popular also for Country Decoration. Both Rocks and Sun Dials made to order.

**PATRICK GRACE**
55 Union Street
BRIGHTON, MASS.

---

**SEED TRADE NOTES.**

Carrot, beet, parsnip, and celery seed are reported to be very scarce in Europe.

San Antonio, Tex.—The United States Seed Co. is about to move to Memphis, Tenn.

Humboldt, Ill.—J. O. Toland is building a 23 x 50, two-story and basement building to replace his old seed house.

Beatrice, Neb.—A. H. Luck, formerly manager for Carl Sonderberg, has resigned and purchased an interest in his uncle’s seed and nursery business in Paribault, Minn.

Arthur L. Dale, son of the managing director of W. W. Johnson & Son, Boston, England, arrived in New York last week on his first business trip to America and can be addressed at the Hotel Imperial, New York City. His specialties are peas, turnips and rutabagas.

Don’t forget to ask for a certificate when buying your railroad ticket for Baltimore. Reduced fare not possible without it.

---

**Grate Bars**

*For Horizontal and Upright Boilers*

We have been in the foundry business for nearly half a century. Consequently we have a large variety of patterns for grate bars. We carry in stock a large number of regular parts and make a specialty of prompt deliveries. We use iron in our mixtures best suited for furnace work, and our grates last longer and give better satisfaction on that account.

**Mahoney, Tupper, Double Bar and Circular**

We carry stock sizes of the Mahoney and Tupper grates up to 50 in. long; these grates are all 3 in. wide, 2½ in. bearing, 50% air space, and weigh 50 lbs. to square foot.

The Double Bar Grate is 3 in. wide, single bars are 1½ in. wide, 2 in. bearing, and weigh about 55 lbs. per square foot.

The Circular Grate is made in all diameters from 12 to 50 in.

**PRICES LOWER THAN ELSEWHERE.**

**Broadway Iron Foundry Company**
90 BROADWAY, CAMBRIDGEPORT, MASS.

---

**RECIPIRO CITY WITH CANADA**

We will lead by placing our products Aphine and Fungine on the Canadian market at the same prices as they are now sold in the United States.

We call your attention to our regular advertisement appearing in another column.

Our goods are sold by

**DUPUY & FERGUSON, Montreal**

**APHINE MANUFACTURING COMPANY**
**MADISON, N. J.**

---

**The Best Bug Killer and Bloom Saver**

For PROOF
Write to

**P. R. Palethorpe Co.**
**OWENSBOBO, KY.**

---

**TO BUYERS**

Patronize our advertisers. They will treat you right.
Aphine

The Insecticide that Kills Plant Lice of every species.

It will destroy all plant sucking and soft bodied insects.

$2.50 per gallon — $1.00 per quart

Fungine

A fungicide which will destroy mildew, rust, and other funguses.

$2.00 per gallon — 75c. per quart

The merits of these products have already been so thoroughly exploited that they require no further comment.

A Trial Will Convince You

For Sale by Seedsmen

"Squito-Rid"

The mosquito repellent which repels mosquitoes. An expert experimenting on the New Jersey marshes for the extermination of the pest writes:

"This limiment I found to be excellent, so much so that I would not be without it. Previously I had been using Citronella but with poor results. It has a pleasant smell, not so sticky as Citronella and keeps the 'pests' away from you."

25c. per bottle

For sale by druggists, or we will send, postpaid, to any address on receipt of remittance.

WHAT NEXT? WATCH!

Our representatives will be at the S. A. F. & O. H. Convention to discuss agencies with dealers. Our exhibit will be found at the entrance to the meeting hall leading from the exhibition floor. Visit us there.

APHINE MANUFACTURING COMPANY

MADISON, N. J.

Hammond's Copper Solution

Kills Bright, Rot & Mildews.

1889

Stealthy and deadly, is doomed.

1889

Hammond's Slug Shot

Fungus

Cabbage Worms Destroyed by Dusting with Hammond's Slug Shot

Trade Mark.

So used for 30 years. SOLD BY ALL SEED DEALERS.

For pamphlets with sample seed write R. Hammond, Fishkill-Milford, New York.

To-Bak-Ine Products Kill Bugs

You can buy it in Liquid Form, Funicating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free).

Use any form you choose but buy it of

E. H. Hunt, 131 N. Wabash Avenue, Chicago

NIKOTEEN

The most effective and economical material there is for spraying plants and blooms.

NIKOTEEN

Specially prepared for fumigating closed houses. It vaporizes the nicotine evenly and without waste. Nothing keeps a house free from Aphids so cheaply.

Price $0.50 per case of 12 paraphrased boxes. All Seedsmen.

NIKOTEN APHIS PUNK

Shoe Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unexcelled for all field crops. Write for circulars and prices.

The Pulverized Manure Company

Union Stock Yards

Chicago

Cattle Manure in Bags

Shredded or Pulverized

Pure—dry—uniform and reliable.

Pulverized

Cocoanut Fiber Soil

Is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

20th CENTURY PLANT FOOD CO.,

27 Ocean St., Beverly, Mass.

Wilson Plant Oil & Fertilizer Company

150 Nassau Street, NEW YORK CITY

Horticultural Supplies

Write for our special catalogue.
Baltimore Hosts and Baltimore Guests

"POT LUCK" TRY US...

HEWS STANDARD POTS

POT MAKERS WORLD'S LARGEST FOR 140 YEARS MANUFACTURERS

Write for Catalogue and Discounts

A. H. HEWS & CO., Inc.

Pearson Street,
LONG ISLAND CITY, N. Y.

Maine Office and Factories
CAMBRIDGE, MASS.

1000 READY PACKED CRATES

STANDARD FLOWER POTS AND BULB PANS can be shipped at an hour's notice. Price per crate:

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>250 G.</td>
</tr>
<tr>
<td>200</td>
<td>100 G.</td>
</tr>
<tr>
<td>100</td>
<td>100 G.</td>
</tr>
</tbody>
</table>

HILFIGER BROS., Pottery, Fort Edward, N. Y.
August Rakier & Sons, 31 Barclay St., N. Y. City Agents.
OUR SPECIALTY—Long distance and export trade.

DREER'S "Riverton Special" Plant Tub

Manufacured for us exclusively. The best tub ever introduced. The neatest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handles.


Syracuse Red Pots

"A little pot is soon hot," likewise a thin pot. This will save you fuel. Our pots are the thinnest and toughest owing to the superior quality of the clay.

New price list on application.

Syracuse Pottery Co., SYRACUSE, N. Y.

Tobacco Paper "NICO-FUME" LIQUID

IS THE OVER 40% NICOTINE

STRONGEST, BY far the CHEAPEST.

BEST PACKED,

EASIEST APPLIED.

Furnishes the

Most Nicotine for the Money

Manufactured by

THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

24 sheets $0.75
144 sheets $3.50
288 sheets $6.50
1728 sheets $36.10

Plint $1.50
{ Gallon 5.50
Gallon 10.50
5 Gallons 47.25

JUST NOTE PRICE!
Light-Strong-Flexible

An indestructible moulded hose for Lawn, Greenhouse, Stable, Garage. Of braided construction; cannot unwrap, kink or burst, like old-style wrapped duck construction. Made in continuous lengths up to 500 feet, which gives you any length you want and avoids leaky couplings.

ASK FOR REVERO HOSE CATALOGUE

Manufactured by
REVERE RUBBER CO., BOSTON, MASS.

Branches
NEW YORK PHILADELPHIA PITTSBURGH
CHICAGO MINNEAPOLIS SAN FRANCISCO
NEW ORLEANS KANSAS CITY

CYPRESS SASH BARS
32 feet or longer
HOT BED SASH

PECKY CYPRESS BENCH LUMBER

GREENHOUSES
ERECTED AND EQUIPPED COMPLETE IF DESIRED

Write for Circular "D" and Prices

The A. T. STEARS LUMBER CO.
NEPONSET, BOSTON, MASS.

LOUISIANA RED CYPRESS
GREENHOUSE MATERIAL

STEEL CUTTERS, TRUSSES, PURLINS, PIPE, FITTINGS, GLASS, Etc.
PRIVATE AND CONSERVATORY WORK A SPECIALTY.
The Foley Manufacturing Co.
Western Ave. and 26th St., CHICAGO

In ordering goods please add "I saw it in HORTICULTURE."
IF you want your greenhouse benches to last
you want to lessen repair expenses
you want an up-to-date plant

THEN USE CEMENT BENCHES

You can easily make them yourselves. Others are
doing so right along. We furnish the molds, and tell
you just how to do it. No expensive labor to hire—
you do the work.
Send for booklet and be convinced.

E. H. HUNT, 131 N. Wabash Ave., Chicago, Ill.
ELASTIC-LYKE
Green House Glazing Putty

Manufactured to meet the ever increasing demands of the man who wants the best. 1-gallon, $1.40; 5-gallons, $6.75; 10-gallons, $13.25; 20-gallons, $25.45; 1 bbl. (50-gallons) $62.50.

Hunt's Mackinaw Green for Greenhouses

For SHADING PROPAGATION, FERN, PALM, PLANT and CAR-NATION houses there is nothing equal to Mackinaw Green. It is easy to use and after the first frost is quickly removed from the glass.

1, 2, and 3 gallon cans, per gallon, $1.60
10 gallon kits . . . . . . . . . 15.25
50 gallon barrels . . . . . . . $73.60

Use 1 gallon of Mackinaw to 20 gallons of gasoline.

SPECIAL — For 30 days we will sell Mackinaw Green at $1.00 per gallon. This is an introductory offer and no order for over 5 gallons will be accepted at this price.

Special quotations to Jobbers on Elastic-Lyke and Mackinaw Green.

E. H. HUNT, 131 N. Wabash Ave., CHICAGO, ILL.

STANDARD PLATE GLASS-CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS. CHICAGO, ILL.

BOSTON PLATE & WINDOW GLASS CO.
GREENHOUSE GLASS
GERMAN AND AMERICAN
261 to 287 A Street BOSTON 20 to 22 Canal Street

LET US QUOTE YOU ON NEW AND SECOND-HAND
Boilers, Pipe, Fittings, Glass, Greenhouse Lumber, Tools, Sash, Etc.
METROPOLITAN MATERIAL CO.
1393-1311 Metropolitan Ave., Brooklyn, N.Y.

In ordering goods please add "I saw it in HORTICULTURE."

The ANNUAL MEETING of
The Florists' Hail Association
will be held at The Fifth Regiment Armory, Baltimore, Md., on Thursday, August 15, 1911, at 9.30 A.M.
JOHN G. ESSLER, Sec'y
Ohio "The Second Mother of Presidents" Builds L and B Greenhouses

This one, erected on the outskirts of Cincinnati for J. C. Hoven, is one of our somewhat recent, ornamental Iron Frame ranges. C. F. Skjoldager is Superintendent. Last year the work room caught fire and was completely destroyed. Only very slight damage, however, was done to the greenhouse which emphasizes indestructibility as one of the strong arguments in favor of our Iron Frame construction. It is as nearly fire withstanding as it is possible to make a practical growing house. It also successfully withstands the destructive conditions of moisture and dryness such as all greenhouses are subject to. It is the house of greatest endurance and highest efficiency. The safe and sure house to build. Send for catalog.

Lord & Burnham Company, FACTORIES: IRVINGTON, N. Y.
NEW YORK BOSTON PHILADELPHIA CHICAGO
St. James Building Tremont Building Franklin Bank Building Rockery Building

GREENHOUSES

NOT those heavy, short lived wooden ones—no, not that kind, but fine light, enduring Iron Frame Houses that will grow the very best plants possible. Houses you won't have to spend a cent on for repairs, aside from painting, for years to come. Houses built right, ventilated right, and heated right—houses backed by over a quarter of a century of experience.

If you want your house to have curved eaves, we will gladly build it that way—in fact, rather prefer to. Send for our catalog. It is a conclusive bit of evidence.

Hitchings and Company
Write to our General Offices and Factory: Spring & Louisa Streets, ELIZABETH, N. J.
Or Call at our New York Office:
1170 BROADWAY
This is the U-Bar
The Bar That Makes
U-Bar Greenhouses
The Famous Greenhouses
They Are.

The U-Bars are the vital part of the frame work of U-Bar Greenhouses. The steel bars give the supporting strength needed. Galvanizing protects them against rust. Aluminum coating gives them an enduring, brilliant finish. The chemically treated cypress core bar makes a lasting glazing member. The combined core bar and galvanized steel U-Bar is no larger than the smallest wooden roof bar used in other constructions. The glass is two feet wide. Buy a U-Bar Sunshine Shop of your own.

U-BAR RANGE AT HOMewood CEMETERY, PITTSBURGH, PA.

U-BAR GREENHOUSES
PIERSON U-BAR CO
ONE MADISON AVE., NEW YORK
CANADIAN OFFICE, 10 PHILLIPPLACE, MONTREAL
R. Vincent, Jr.
President-elect Society of American Florists and Ornamental Horticulturists.

DEVOTED TO THE
FLORIST, PLANTSMAN, LANDSCAPE GARDENER AND KINDRED INTERESTS
Published Every Saturday at II Hamilton Place, Boston, Mass.
Subscription, 91-00 per Year
U KNOW US  LET'S KNOW U

THE WORLD'S BEST CYCAS LEAVES

which we displayed at the Great Baltimore Convention again proved our Leadership in the advancement of the Florist Trade.

OUR WORLD'S BEST CYCAS LEAVES are so NATURAL that they cannot be distinguished from the FRESH CUT LEAF—NO PAINT—or VARNISH used, simply "JUST NATURAL" that's all.

We are the SOLE DISTRIBUTORS of the WORLD'S BEST CYCAS in the UNITED STATES.

Why not write to-day for samples and prices?

These are the Cycas Leaves for The Up-To-The Minute Florists.

KATALOG for the asking.

The Leading Florists' Supply House and Ribbon Specialists

M. RICE & CO., 1220 Race Street, Philadelphia, Pa.

Manufacturers—Importers—Originators

LILUM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6-7 inch bulbs, 350 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.

7-9 inch bulbs, 200 to the case, $16.00 per case; full thousand lots, $75.00 per 1,000.

9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.

FERNS

We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6 in. pots.................................................................$0.50 each

Nephrolepis Elegantissima, Piersoni, Bostoniensis, and Harrisii, heavy 8 in. plants............$1.00 to 1.50 each

Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10 in. plants .......................2.50 each

F. R. PIERSON COMPANY, Tarrytown-on-Hudson, NEW YORK
GERANIUMS....

We have no hesitation in claiming that our collection of Standard Varieties stands pre-eminent among such collections in the country, as far as only distinct and useful varieties are concerned. It is the result of the most careful selection from hundreds of varieties, from the foremost European and American introducers, and comprises only those sorts which years of experience have taught us are the very best in their several different classes, and which can be depended on to produce the most satisfactory results, and which represents the highest standard of development yet obtained in its special class or color.

In keeping our list up to this high standard we are continually adding many of the newer introductions and discarding some of the old sorts which have been favorites but are now superseded by others which are more beautiful in form, greater in substance, more exquisitely in color, more satisfactory in growth.

We have prepared to propagate these in large quantities, having added thousands of plants to our already large stock. If you can use them in large quantities write us and we may be able to make you a special price.

We are booking orders for DAHLIA & CANNA roots for fall delivery. Send for List.

R. VINCENT, JR., & SONS CO., White Marsh, Md.
Growers of Plants for the Trade

ROSES - Own Root - Fine Stock

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Killarney</td>
<td>$8.00</td>
</tr>
<tr>
<td>Richmond</td>
<td></td>
</tr>
<tr>
<td>Pink Killarney, Chatenay, Kaiserin</td>
<td>$6.00</td>
</tr>
<tr>
<td>Perles, Sunrise, Sunset, from 3 inch pots</td>
<td>$6.00</td>
</tr>
<tr>
<td>Bride, Bridesmaid, Golden Gate</td>
<td>$65.00 per 1,000, $75.00</td>
</tr>
</tbody>
</table>

GRAFTED

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink Killarney, White Killarney, Bride, Bridesmaid, Kaiserin, My Maryland</td>
<td>$15.00 per 100</td>
</tr>
</tbody>
</table>

Kaiserin, strong, year old, from 3-inch pots, $3.50 per doz., $25.00 per 100.

STEVE COMPACTA

2½ inch pots. $3.00 per 100, $25.00 per 1000.

WOOD BROS. . . . Fishkill, N. Y.

HOME GROWN PANSY SEED

S & I Special Strain. None Finer. $5.00 Per Oz.

POLAESTRUS, 2½-inch plants, at $1.00 per 100; $5.00 per 1000

CYCLAMEN SEED, Giant English strain, in all colors. $1.00 per 100; $9.00 per 1000

SKIDELSKY & IRWIN CO.
Catalogue for the Asking.

CHRYSANTHEMUMS AND

ASTER SEED

Elmer D. Smith & Co.
ADRIAN, MICH.

CARNATIONS

Supreme Mrs. C. W. Ward, Alma Ward and Dorothy Gordon, Field carnations, $7.00 per 100; $60.00 per 1000. Beacon and Winsor, $5.00 per 100.

ROSES

160 Grafted Killarney, 480 Grafted White Killarney for $90.00.

I. M. RAYNER
GREENPORT, N. Y.

CHARLES H. TOTTY
Wholesale Florist
Chrysanthemum Noveltries My Specialty
Madison, N. J.

PEONIES


HEADQUARTERS FOR

FALL BULBS
Send for Trade List

John Lewis Childs
Flowerfield - LONG ISLAND, N. Y.

HERBERT, ATCO, N. J.
DAHLIAS Every Day in the Year
We Stand Back of Our Goods
AND
Guarantee Safe Arrival of Shipments to all Parts
OF
United States
AND
Canada

H. H. BARROWS, Sr.

H. H. BARROWS, Jr.

Boston Ferns
4½ inch from bench, Each 10c.; 3½ inch from bench, Each 7c.;
2½ inch from bench, $30.00 per 1000, Each 3c.

Nephrolepis Whitmanii
2½ inch - - $5.00 per 100, $40.00 per 1,000

Nephrolepis Magnifica
2½ inch - - - - - - - $15.00 per 100
3½ " Pot grown - - - - - - 25.00 per 100

HENRY H. BARROWS & SON, WHITMAN, MASS.

PALMS, FERNS, DECORATIVE AND FOLIAGE PLANTS
Also Azaleas, Begonias, Bay and Box Trees
A. LEUTHY & CO.
Perkins Street Nurseries, Roslindale, Boston, Mass.

PALMS, FERNS AND DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 2655 Ballard BROOKLYN, N.Y.

ASPARGUS HATCHERI
The new Asparagus. Beats the old plumous plants in every respect. From 2½-inch pots, $1.50 per 100.
A. N. Pierson, Inc.
CROMWELL, CONN.

Araucaria Excelsa
5 in., 3 to 4 ft. long, 40c. and 50c.; 5½ to 6 ft., 4, 5 and 6 ft. long, 60c., 75c. and $1.00; 7 ft., 25, 30, 40 and 50 in. high, for lawns and porches, $1.50 to $2.00.

Cash with order, please.

Godfrey Aschmann
Wholesale Grocer, Shipper and Importer of Pot Plants.
1012 West Ontario St., PHILADELPHIA, PA.

FERNS FOR DISHES
Assorted varieties, 2-in. pots, $.50 100;
$3.00 1000; 500 at 1000 rate.
Cash with order.
FRANK OECHSLIN
4611 Quincy St., CHICAGO, ILL.

For Fall Planting
Lilium Tenuifolium, Henryi, Hansoni, Wallacki and Davricum; Elegans vars, Single and Double Tiger, Japanese Tree Lilies, Delphinium formal; Japan and German Iris; Daphne Chororum.
Full list ready by August.
E. S. MILLER
Wading River, N. Y.

LOECHNER & CO.
JAPANESE LILIES
LILY OF THE VALLEY PIPS
PALMS, AZALEAS, &c.
11 Warren Street, New York, N. Y.
Write for quotations
Cycnoches chlorochilon or Swan's Neck Orchid

The genus Cycnoches is perhaps the most interesting and perplexing of all the Orchid Genera. When buying plants out of bloom one never knows what he is getting and the appearance of the first flowers, whether male or female, is always awaited with great interest and a certain amount of speculation. The plant figured here was received last fall from Julius Roehrs Co., of Rutherford, N. J., under the name of Cycnoches chlorochilon carrying a raceme of male flowers at the time. A plant of apparently the same thing is figured in their catalogue with a raceme of male flowers under that name and on the foregoing page one with female flowers. On looking up the record of the species, however, I find that the two sexes of C. chlorochilon do not show much diversity except in the female having a short stout column with a pair of triangular wings.

There seems to be something wrong somewhere and I have a suspicion that all the figures represent Cycnoches maculatum, a good figure of this with both sexes, appeared in the Orchid Review, Vol. XVII, p. 273. The plant figured here is now producing two more racemes from the same bulb, but it is too early to say what sex they will represent, most likely again all male flowers, for female flowers of this section of Cycnoches are rarely produced under cultivation. Cycnoches maculatum was described by Lindley in 1810 from plants bearing male flowers and these have appeared very often since, but the female flowers of this species were not known, or at least not recorded, until 1909, or nearly 70 years after the first male flowers appeared. The diversity in the two sexes of some of the species is very great and it is no wonder that plants of the same species are often sold and grown under different and erroneous names.

CULTURE

Cycnoches need a very decided rest after flowering in a temperature of about 55 to 60 degrees. Very little water is required after the bulbs have finished and the flowers faded; just enough to prevent shrivelling until the new growths appear in late winter or early spring, when the amount should be gradually increased, being careful not to let any water lodge in the new growth or they will be very apt to rot off. From this time on they will also require a warmer temperature and when in full growth one can't get it too hot for them, providing the atmosphere is moist at the same time. When well rooted and the new pseudo bulb commences to swell they will enjoy an occasional dip in weak liquid manure, say once or twice a week, but it must not be overdone, lest the roots might decay.

Shade just enough during the growing season to prevent scorching of the leaves. After growth is completed and the leaves commence to turn yellow, give full sun, plenty of fresh air, and very little water. Osmunda fibre is the best potting material for them. Use small receptacles, preferably common flower pots or pans, and suspend near the glass in a warm house in order to give them the full benefit of the light and heat. Under these conditions they will grow and flower freely.

THE BUTTERFLY ORCHID

Two species of Oncidium, namely, Oncidium Papilio and O. Kramerianum, go by the above name. Both are nearly allied, the former being, perhaps, the best of the two, having larger and better colored flowers produced on longer and more slender stems. Both of them have beautifully mottled leaves and handsome yellow flowers which are barred and mottled with chestnut brown and produced at intervals from the very top of the long slender scape.

Oncidium Kramerianum can easily be distinguished from O. Papilio by the swollen joints or nodes of the flower scapes and the more distinct mottling of the leaves. Both species will thrive under the same treatment. They do best in small baskets, using a little Osmunda fibre for the roots to run in. suspended in a sunny position in the warm or East India house where the temperature rarely goes below 60 degrees. They should never be allowed to get very dry as they are nearly always on the move, either growing or flowering or both. There is a plant of O. Papilio here with seven flower scapes which are in bloom nearly all summer and sometimes way into the winter, each scape producing its flowers at intervals of from one to three weeks. A few plants of these interesting orchids should be in every collection.
Baltimore's Week

This is Baltimore's week and right well has she made use of its privileges and its obligations. And the horticultural interests of our country are advanced and enriched by the splendid success of this notable event, the spirit of progress with which it was imbued and the inspiration generated, in which not only those who were in attendance but the stay-aways are benefactors. As to those who stayed away, who are in the habit of staying away from these enthusiastic gatherings, we are truly sorry for them. There are many who from one circumstance or another are obliged to be absent, but there are thousands who ought to support the Society with their presence and their influence, who can if they wish, but who do not. Some of you who think you have no time to waste on such things, who find your own business demands all your time, who "haven't taken a vacation in twenty years," might take to heart the admonition in the Philadelphia Telegraph:

"Imagine the good time your widow is going to have some day on the money you have saved."

Window Boxes

Mr. Editor:—Your editorial in last week's issue of Horticulture, captioned "Blamed anyway," relating to window boxes is timely and to the point. In a recent editorial you called attention to the fact that window boxes are not so popular in Philadelphia as they used to be. There must be some cause for this and it is up to the growers of window box plants to find the cause and apply the remedy. A properly filled and properly attended window box is decidedly ornamental; while a poorly filled and cared for box is an eyesore. That the construction of the box or receptacle is "profligate cause of failure" is a point that should be emphasized and no florist should allow a box or plant receptacle of any kind to be filled on his establishment unless it is all right. A case of this kind, with which, fortunately, I had nothing to do, was called to my attention this season. A large factory in New York had a lot of window boxes made in its own shop, painted them green outside (which was all right) and smeared them with white lead inside (which was wrong). No holes were made in the bottoms of the boxes. Thousands of suitable plants were bought and planted in those boxes by men who call themselves gardeners. The plants promptly started to dwindle and die and the dealer who supplied the plants was blamed. They refilled those boxes using the same soil and with the same result. Again the dealer is blamed. "Blamed anyway," a failure on so large a scale as this is sure to be noticed and deter others from attempting window box decoration. How the florist can "butt in," seeing those people do all their own work is more than I can see.

If the editorial referred to was published in the monthly magazines or daily papers it would reach a class who ought to be posted on such things.

Seasonable Notes on Culture of Florists' Stock

**CYCLAMEN**

Give your earliest batch of these plants their last shift now. Plants coming out of 4-inch pots should have a 6-inch pot, and those from a 3-inch pot will go into a 5-inch pot, and so on according to the vigor of the plants. For a compost use a moderately firm sod that is fairly well decayed three parts, well rotted cow manure two parts, leaf-mold one part, and some clean sand to make the whole porous. See that each pot has a fair amount of drainage. Continue to treat them with care so they will not receive any severe check from either too much water or the want of it. Give the plants a daily syringing overhead and underneath for this is a prime requisite. Keep the material on which the pots stand and the atmosphere moist by wetting between the pots as it cools the air and refreshes the plants. Where you have your cyclamen in frames let them remain here for another month as the conditions suit them here better than in a house any earlier. When they are removed to the house see that they have a position as near the glass as possible, and if each plant is stood on an inverted pot a better circulation of air will get all around the plants. Give frequent fumigations so as to keep them clean.

**CARE OF HARDWOODED PLANTS**

Don't overlook your azaleas. Just as soon as they begin to crowd one another give them more room. Give the pots a mulch of rather fresh cow manure for it will help them greatly in the formation of flower buds and, later on, the flowers themselves. See that they are well supplied with water as the neglect of water always does serious damage. All such plants as ericas, epacris and genistas should be faithfully attended to right along. Watering two and three times a day is often necessary to keep them moist at the roots. It is even advisable to examine them by taking one or two out of their pots to ascertain whether they are getting too little or too much water. Ericas and epacris must not be suffered to get too much water at the roots now. If heavy rains seem likely lay them on their sides. They can remain outside until the middle of September. To risk them outside later than this is not advisable. Genistas should be making excellent growth now. Be sure and use the hose freely on these plants so as not to let red spider spoil the foliage.

**DOUYADIAS**

All strong growths should be pinched back, and all the weak growth that they made while in small pots should be cut out, for only the strong growth that comes from the root should be saved. They should be lifted the last of this month or the first week in September and they will take hold of the soil better than at a later date. They will do well on a bench of five inches of soil in a house that runs anywhere from 58 to 65 degrees at night. After they are either benched or potted, spray them several times a day and keep up a good atmospheric moisture by damping down the walks and walls—which will keep them from wilting so bad. For the first eight days some shading will be very favorable to their well doing. By giving them the proper syringing you will be able to keep off the attacks of both the red spider and mealy bug. When the beds or pots get full of roots they will be greatly benefited with manure-water once or twice a week.

**GERANIUM CUTTINGS**

From now until October if we have no cutting frost, geranium cuttings can be taken. Cuttings taken during September and later are less liable to lose from damping than those that are inserted from now up to the tenth of September, as the cool nights help to harden up the wood. Trim your cuttings up well, leaving only the small leaves on the top of each cutting. To leave more often means endless trouble later on in picking them off, as they always get in a decayed condition. All the cuttings that are put in from now until the tenth of September should give a good cutting during January, which can be rooted in a gentle heat and grown on. After the cuttings are put in keep them moderately moist until they are rooted, when they can be kept much drier until they are potted off. This treatment causes them to make a mass of fine fibrous roots. When they are potted up avoid using any green manure in your compost. Manure, if used, should be thoroughly decayed, so that it will crumble up very easily. A good compost is a mixture of three-fourths of new soil to one-fourth of some very old manure and a 5-inch pot of fine bone meal to every barrow-load of the above mixture.

**MARGUERITES**

The stock plants should by this time have broken away and made some fine succulent cuttings. So look over the plants and secure cuttings of from two to three inches long and strip off a few of the lower leaves with a good clean cut at the bottom. This is all that is necessary to make a good cutting which will easily root in any ordinary propagating bench. As soon as these are rooted they should be potted off and not allowed to make too long roots before being taken out of the sand, for they will feel the check less. Use a 2½ or 3-inch pot with any good heavy loam, to which an addition of one-fourth of well-rotted cow manure has been added. These young plants should have at all times the fullest light and ventilation in abundance. By keeping these potted along they will make nice plants in 6 or 7-inch pots for next Easter.

**ROSES**

Watering and syringing should be carefully attended to now. The half-doing of these essentials causes all kinds of trouble. Syringing improperly done only allows red spider to get a good foothold. When the nights get longer and cooler do all your watering and damping down before three o'clock in the afternoon, for all roses that have heavy and luxuriant foliage always collect abundant moisture which leaves the foliage dripping during the night and is very favorable to black spot. From now on most nights will call for a little fire heat. This along with a little ventilation is a very helpful factor in rose culture. Keep on tying as your plants may need it, for you can then do syringing better and it also lets the light and air around each plant. Use all caution to restrict mildew.

---

John J. M. Farrell

Mr. Farrell's next notes will be on the following: Carnations for Pot Culture; Chrysanthemums; Gladiolas and Tuberous Begonias; Orchids; Peonies; Paper White Narcissi.
SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS

A Well Attended Convention and Splendid Trade Display

Chicago the Next Meeting Place

Officers Elected

PRESIDENT—R. VINCENT, JR., White Marsh, Md.
VICE-PRESIDENT—AUGUST POehLMANN, Chicago, Ill.
SECRETARY—JOHN YOUNG, New York, N. Y.
TREASURER—WILLIAM F. KASTING, Buffalo, N. Y.

The meeting hall in the Fifth Regiment Armory, Baltimore, was well filled when at 2.30 P. M., on Tuesday, August 15, President Graham of the Gardeners and Florists' Club of Baltimore called the meeting to order and opened the preliminary proceedings of the 27th annual S. A. F. Convention by introducing as the representative of the state of Maryland, Hon. M. Winslow Williams, Secretary of State, who in most cordial terms voiced the welcome of the state to the visitors and paid a graceful tribute to the elevating influences of the florists' calling. Mr. Graham then introduced Mayor James H. Preston, who in vigorous fashion presented the compliments of the city to her guests, and told them briefly about Baltimore's parks, manufactures, harbor and public works.

Robert Craig responded for the visitors. He said that florists always feel at home in Baltimore, and unstintingly praised the always ready hospitality which characterizes her citizens. Mentioning the horticultural history of the city he paid a high tribute to John Cook, whose productions in roses had attained world-wide fame, and extended on behalf of the society warm congratulations on the successful opening of this great event.

Mr. Graham next presented President George Asmus, who after the uproarious applause had proceeded to read his address as follows:

PRESIDENT'S ADDRESS.

Ladies and Gentlemen, Members of the Society of American Florists and Ornamental Horticulturists:

It is with great pleasure I address you on this occasion, the twenty-seventh annual meeting of our society. Although being the first time this city has been chosen for a meeting place, it is not the first time we are guests of our brethren in Baltimore, for the memory has been ever dear to us of that splendid afternoon and evening's entertainment on Friday, August 18, 1905, when as a fitting climax to an enjoyable and profitable meeting in the city of Washington we were welcomed here in true southern spirit and now we are here again to partially pay that debt of gratitude, even as a victorious army returns from the scene of conflict. In the six years that have passed we have to our credit many victories won by legislation and arbitration for the general good of our profession and the industry generally. Now we have a much larger sum of money in our treasury, a greatly increased membership roll and two successful national floral shows held in Chicago and Baltimore.

The one thing that stands out prominent in connection with the show held in Boston last March was the bringing together of the different societies both for the display of their productions and the opportunity of attending the different meetings at one expense of time and travel. This has been one of my great desires for many a number of years. The great growth of our business has necessitated the specializing of many of our large growers and with them it was a case of "You that I love less, Brutus, but that I love Caesar more," meaning that their greater interests were in one of the special societies, but we have solved that problem and never again must we meet separately. Ours is one cause for the good of all. Our national shows have come to stay and to that end we should organize at once. The shows should be held once every two years. It is true that the first shows took a longer period of preparation, but that time was used in careful consideration of premium lists, finances and other details which gave us the experience we needed.

The national show should always be held in the spring. Fall shows are not new and are covered in nearly all large cities and in this connection I wish to state that I am pleased that many local societies and Florists' Clubs are following the example of the national society. Now if we were to profit by the experience in past shows we must always have men at the head of those who have assisted in previous shows and as briefly as possible I will outline my plan for your consideration.

Permanent Show Committee.

I would suggest a permanent National Flower Show Committee, say of six, to be appointed, two for six years, two for four years and two for two years and every other year the president to appoint the members for the six-year term. Thus there would always be on the committee four members of at least two shows' experience. These committees should be as representative as possible in the different societies taking part in the show. The chairman of this committee could be elected by the committee or appointed by the president after the location of the show had been decided upon, as it would be of great advantage to have the chairman close at hand. These exhibitions properly conducted show but little chance for loss and therefore I would suggest that 50 per cent guarantee be assumed by the society and 50 per cent, as in the past, by personal subscription.

Trade exhibitions and the selling of space as inaugurated at Boston proved wise and should be continued, and the checking of receipts and disbursements should be done by our officers, as we have a system that has always proved adequate for that purpose and officials that are paid for that work. The great good done by such exhibitions cannot easily be conceived. The standing it gives the trade and the general promotion of horticulture is apparent when the vast throngs that visit the shows and the newspapers' publicity given them are considered. There are no doubt some of you who will differ with me and say that the shows should be conducted outside the society, but I say no. We have found the way to cement our different lines into one general interest. The meetings and the organization of this society have made this possible and we must not take this healthy young child from the mother organization. Our national charter was given us, too, for the development and advancement of floriculture and horticulture in all its branches and we are coming very near complying with that in these exhibitions.

The charter, constitution and by-laws should be printed with the proceedings every year, and it would be well to print therewith proposed amendments to the constitution and by-laws.

Conventions and Trade Exhibits.

It has been my experience that immediately after the selection of a city for the convention the coming year, inquiries are instituted as to what
part of the expense the society will have to assume, and I think that a by-law should be passed that would cover this matter in a general way. The officers of our society awakened to the necessity of this line of action, membership was not developing in proportion to the expense which we incurred, and about the same time we also discovered that our two largest assets, the trade exhibition, was being used as a big joy fund, and in several instances there was enough left to make two or three. Said superintendant shall have general charge of all details of the annual exhibition. He shall receive all money and make a statement of the same in the order in which they are received by him. He shall furnish the society, through the secretary in writing, the number of exhibitors and the space occupied by each exhibitor. He shall also furnish the secretary with a list of places submitted for awards, said list to be for the use of the judges.

He shall make no expenditure exceeding $10 in amount without the consent of the executive committee. He shall keep full detailed records of receipts and expenditures and other matters of importance relating to the exhibition. Not to become a part of the usual agenda are matters that are purely administrative.

The society has no financial inducements to offer any city soliciting the convention other than an opportunity to present a lavish entertainment be done away with, as there is always one enjoyment, greater or less, that of meeting your fellows in trade and exchanging ideas. The amount of business we have to do sometimes suffers by the entertainments. I can see the day not far distant when the fourth and the fifth day on our agenda will be devoted to business sessions. Very often debates and discussions on subjects important to anyone are short-changed. The criticism of a few of our important committees have complained, that after a large amount of work and the preparation of a lengthy report it is rushed through and that might be gained by discussions is lost. I do not wish to be understood as against all entertainments. There never need be any fear of that! The danger, if any, lies in each city trying to outdo the other.

Convention Shows.

At the convention in Cincinnati two years ago a resolution was adopted to hold a cut flower and plant exhibition in connection with the trade exhibition. This was attempted very few years ago by the Rochester florists who, with the aid of exhibits by trades people, made a creditable showing. I am pleased to note that many of our American Gladiolus Society are with us as a body, and it is just such exhibits as this that will make the exhibitions possible.

Rules 1 and 2, as adopted by the Executive Board, should I think be added to our Constitution and By-laws and are as follows:

1. There shall be full control of all the features of the exhibition trade.

2. There shall be appointed annually at the winter meeting of the Executive Board a superintendent of exhibitions, whose duties are as follows:

(a) To make a complete report to the society of the condition of the building and of the various exhibits by 10:00 A.M. on the day of the opening of the convention. He shall also furnish the secretary with a list of exhibitors and the space occupied by each exhibitor. He shall be responsible for the general welfare of the building and of the various exhibits.

Thus the board of public safety, it will be noted, has already passed several resolutions of importance. The charter, for instance, is to be audited and approved by the board of public safety on the advice of the auditor of public accounts. The charter is to be audited and approved by the board of public safety on the advice of the auditor of public accounts. The auditor of public accounts is to be appointed by the board of public safety and is to be responsible to the board of public safety for the proper conduct of the business of the city. The auditor of public accounts is to be appointed by the board of public safety and is to be responsible to the board of public safety for the proper conduct of the business of the city. It is to be noted that the auditor of public accounts is to be appointed by the board of public safety and is to be responsible to the board of public safety for the proper conduct of the business of the city.

The Elections.

I am now going to voice the sentiments expressed by my predecessors and say that the president of our society ought to have had experience on the Executive Board to qualify him better to represent the members of our society. I am also in favor of the election of the Board of Directors by the society. I think that the selection of the men to represent the Board of Directors by the society is the best possible way of securing a Board of Directors that is best able to handle the affairs of the society. I think that the selection of the men to represent the Board of Directors by the society is the best possible way of securing a Board of Directors that is best able to handle the affairs of the society. I think that the selection of the men to represent the Board of Directors by the society is the best possible way of securing a Board of Directors that is best able to handle the affairs of the society. I think that the selection of the men to represent the Board of Directors by the society is the best possible way of securing a Board of Directors that is best able to handle the affairs of the society.

Trade Exhibits and Officers.

In conducting the trade exhibit it has been the custom to hire a superintendent and as a recompense allow him 10 per cent of the gross amount derived from the rentals of space, which has amounted to from $225.00 to $250.00, and on several occasions an additional $50.00 has been allowed as expense outside of the ordinary requirements.
There have always been a number of other items such as stenographer, bookkeeper and miscellaneous expenses, which, approximately from the records, has been about $1,261.65.

Each year the office accounts and records are kept differently and I know of no way any of these details connected with this office were ever used for another year, which all means something outlined. Now we are very nearly agreed that the secretary's salary is hardly enough to compensate a man such as is necessary to properly perform the important duties connected with the position for his entire lifetime. Our membership is not increasing rapidly enough to increase this salary. Now then the same conditions of the 4-5 fifty thousand that can be held, if the number of horticulturists should have them wholly filled, at a reasonable increase.

Why not combine the duties of the business, bookkeeper; who are clerical in their way, and both at a certain time need the undivided attention of one man? The duties of the superintendent and bookkeeper are mostly under ipsendence, except for a short period before the exhibition and then the secretary should be giving his undivided time and attention to the welfare of our organization and should be in the city where the convention is to be held, assisting, as a paid official, the many willing volunteers to carry their time out recompense, toward preparing for the grand welcomes that have greeted us in the past and in this city at this time. This is my solution of obtaining the salary which for we have been striving, the undivided time of a secretary and superintendent of trade exhibitions.

The result might be that both offices can be combined and the duties be competently and judiciously performed. The secretary has all the advantages of being connected with trade business, and the combining of the two offices do not entail any more expense than we have been under during the past two or three years, but it means better results. The amount of salary I have in view at the present time is $1500 per year and if the work is done as it should under proper supervision, our income will increase, and the time is not far distant when $2000 a year should be our secretary's salary. Furthermore, he should be the person for secretary of the national flower shows.—his statistics and experience would make him the natural choice—his salary and the duties of his office ought to make his presence a necessity on such occasions.

Separate Section Meetings

The adoption of this suggestion of President Valentine was one of the reasons for his resignation. It cannot be properly and highly and is conducive to great good both to the different societies as well as to our own. Buildings such as this in which these meetings are comfortably adapted, with the different regional rooms available. I have always been a believer in the necessity of these meetings and of the ability to better carry out their specific work than can be done in our general meetings. They do not conflict, but assist, and everything organization pertaining to horticulture, such as Florists' Club, Horticultural, Gardeners' Association or any other specific in its character, formed to promote its own interests, and which the time and energy of horticulturists should have the encouragement and support of our society. Perhaps some plan could be developed whereby each one of these organizations, when they could show a certain number of their membership in our Society, would be entitled to a representation on our Board of Directors. This would make our Board representative of all interests and be an inducement for them to get their members into the National organization, thus materially increasing our membership.

The Outlook

The last year has been one upon which we can look back with much satisfaction, for while business in a great many quarters is not up to standard and a great feeling of unrest has prevailed among some of them, we, generally speaking, have had a prosperous year. Perhaps for a complaint that continuance is most promising. There have been fears of over-production among the conservative, but this has not developed, and the years must have passed away, judging from the large number of buildings being erected or contracted for at present. Some of the building concerns believe that this year promises to be the heaviest in their history.

In conclusion I wish to state that I have received from you on many subjects of importance to the Society, but they are in the hands of carefully selected committees, whose familiarity with their work will give you to far better recommendations than I could, and their reports will be presented in due time at this convention.

SECRETARY'S REPORT

Secretary H. B. Dorner then read his report as follows:

I have pleasure in presenting today the annual report of the 27th annual convention of this, one of the finest national organizations in the country. It has been a pleasure to serve as secretary for the year. While the Society has not made the progress that was really possible, there are things that will help to make us more proud of our organization.

The National Flower Show

Perhaps the most important event of the year has been the National Flower Show. All who were there will agree that it was the finest flower show ever held in this country. Many of the exhibitions were beyond expectation and all were worthy of the trip to see them. A full report will be given later by the committee through which the reports such a show was made possible.

Condition of the Finances

The finances of the Society are gradually improving. The permanent Life Membership fund has been increased since the last convention by the sum of $1,261.65. This amount was derived from the fees taken for Life Memberships and interests ac-

June—W. E. Plenterst
Iowa—Jan. S. Wilson
Mass. (East)—W. A. Hughes
Mass. (West)—G. H. Sinclair
Mo.—Fred H. Weber
New England—S. S. Sterrett
Rhode Island—L. J. Rueter
Washington—C. F. Brockenham
Alberta, Canada—A. M. Terrill

Few realize that by a little concerted effort on the part of the members, the membership can easily be doubled. It is to be hoped that the method suggested by Pres. Asmus will be continued from year to year and that the members will make a greater effort to aid the Society in this manner.

Life Members

Of the new members added to our roll, five have come in as life members. In addition to these, 15 old members have also become life members, making a total of 20 for the current year. This now gives the Society 372 life members.
May 24, 1911—Lemuel Ball.
May 21, 1911—Frederick Mathison.

**Medals and Other Awards**

The following medals have been awarded during the year:

Silver Medal, The Central Floricultural Co., for carnations, Genevieve, offered through the American Carnation Society at their annual exhibition held at Boston, March, 1911.

Bronze Medal—Patten & Co., for carnations Mrs. C. W. Barron, offered through the American Carnation Society at their annual exhibition held at Boston, March, 1911.

Silver Medal—Lager & Hurrell, for Cypripedium insigne Var. Hurrellii, offered through the Horticultural Society of New York at their exhibition, November, 1910.


The medals and certificates awarded at Boston National Flower Show will be included in the report of the National Flower Show Committee.

**Trade Press**

The members of the trade press continue to give the Society their cordial support. They have always been ready to print all notices and items sent to them by the Secretary. The thanks of the Society is also due them for the complimentary copies of their publication sent for the use of the Secretary.

**Secretaryship**

Before closing this report a word or two should be said regarding the Secretary’s office. The work of the office is getting heavier each year and has now reached the point where the entire time of the Secretary is devoted to the interests of the Society. Experience of the past two years has shown that the work cannot be efficiently done by anyone who has other duties to perform. Where such is the case it is the Society’s and not the man’s business that suffers. The Secretary should work to secure increased membership and that takes time. He should be able to give assistance to all committees so that they will be able to carry on their work without sacrificing time and money as is now necessary to accomplish anything. More could be accomplished in this way. Why should we not upon holding to the methods used in the Society 25 years ago any more than we should insist upon using the methods employed by the mercantile that period when those methods do not suit our present day conditions? Any member who has the interests of the Society at heart must see the necessity of a change. Many other duties that are neglected at the present time could be given the necessary attention.

In closing I wish to thank the members of the Society for all their kind consideration and help given through the Secretary during the past two years.

The secretary next read the minutes of the Executive Board meeting at Boston and Baltimore, and then his financial report.

**Treasurer’s Report.**

Treasurer W. F. Kasting followed with his report, adding some very optimistic remarks as to the financial outlook:

January 1st, 1910, to December 31st, 1910.

January 1st:

Total over by H. B. Beatty: Permanent Fund... $7,349.98
Total General Fund... 3,969.61

RECEIPTS:

Total receipts for year 1910, Permanent Fund.$1,079.10
Total receipts for year 1910, General Fund... 5,000.07

$16,160.30

$18,674.88

DISHURSEMENTS:

Total disbursements for year 1910, Permanent Fund. $2,756.10
Balance, December 31st, 1910... $15,347.98
Balance in Permanent Fund December 31st 1910... $4,327.81
Balance in Permanent Fund, December 31st 1919... 0.00

$15,347.98

INVESTED AS FOLLOWS:

Bond and mortgage, Dunkelberg, Pitts. & Buffalo Banking Co., New York, Ind. $6,000.00
Bond and mortgage, Silver Medal Medals, Fund, Pitts. & Buffalo Banking Co., New York, Ind. $1,500.00
Germania Savings Bank, People’s Bank, Pittsburg, N. Y., People’s Bank, Buffalo, N. Y., People’s Bank, Rochester, N. Y., General Fund, People’s Bank, Buffalo, N. Y., 2,673.71
American Savings Bank, 4,660.61

$15,347.98

Bond and Mortgage invested at 5% Interest, People’s Bank on $74,94.4, 4% Interest, People’s Bank on checking account, 3% Interest, Payable in balance, Respectfully submitted,

January 1st to August 10th, 1911.

January 1st:

Balance in Permanent Fund... $9,020.17
Receipts in Aug. 10th Permanent Fund... 936.05

$9,956.22

Balance in Permanent Fund, Aug 10th, 1911... $9,956.22
Balance in General Fund, Aug 10th, 1911... $3,327.51
Total in General Fund, Aug 10th, 1911... 5,477.50

$9,354.51

General Fund disbursed to August 10th, 1911... 2,344.08

$7,009.43

Balance in General Fund, Aug 10th, 1911... $7,009.43

$17,363.35

INVESTED AS FOLLOWS:

Permanent Fund

Dunkelberg Bond and Mortgage, Pitts. & Buffalo Banking Co., New York, Ind. $6,000.00
City & Suburban Realty Co., Rochester, N. Y., 1,900.00
American Savings Bank, Buffalo, N. Y., 1,243.99
Germania Savings Bank, People’s Bank, Buffalo, N. Y., 632.10
People’s Bank, Buffalo, N. Y., 590.73

$9,956.22
HORTICULTURE

Un-nils, both suggestion bedding. $8,162 make the intelligently error Gude, splendid Buffalo to I minimum another floral assisting floral carry of Ficus V. reasonable hat joyous

Mr. Gude, called upon, pre- sented his report as Washington repre- sentative of the society. He had appeared before the committee on postal after the last session and favored the adoption of a parcel post as approved by the society on three different occasions. W. F. Kasting argued favorably for Mr. Gude, that every member make a personal appeal to his congressman for action on this matter. A special vote of thanks was acceded to Mr. Gude.

Chas. Lenker added a few words on the parcels post topic, explaining the system in use in Germany.

THE PRESIDENT'S RECEPTION.

This always popular feature was carried out in splendid shape at the Hotel Belvedere on Thursday evening, and for over an hour the procession moved about the receiving party, shak- ing the hand of President Asmus and the assisting ladies and gentlemen. The sad news of the sudden death of John Bieke, of which detailed notice appears in another column, cast a damper on the enjoyment of this unique social gathering under very happy circumstances. The socialCircle of Buffalo being indefatigable in their efforts to make everybody comfortable and happy.

WEDNESDAY MORNING'S SESSION.

Wednesday morning's session opened late but developed finally into one of the liveliest sessions of recent years. John G. Esber read his report as chairman of the tariff committee.

Mr. President and Members:
The attention of your committee was called to the importance of reciprocal exchange of products between the United States and Canada. An at- tempt on the part of your chairman to obtain the opinion of not only the committee, but also the others who are more likely to be vitally interested, brought out such a diversity of opinion that a recommendation was made to the Ex- ecutive Committee by the S. A. F. and O. G. to have the subject discussed from both sides of the boundary line at this convention. This was acted upon by the Board of Tariff and Legis- lative Committee that after Mr. Mepsted and Mr. Welch have given their views, the matter will be thoroughly discussed and your commit- tee fully instructed as to future procedure in the matter.

In order to intelligently view this subject we herewith give the American duty on floral imports, the Canadian duty and the concessions the Canadian
trends.

Horticultural Association was willing to make last year.

- Cut flowers
- Cut small andparagus
- Laurel repotting
- Bay Leaves, magnolia leaves and branches
- Garlic leaves, feathertip sprays, wild banana leaves, codiaeum, palmae, great boxwood, and all natural greens.
- Rose pincushion, needlepods, greenhouse grown
- Carnations plants or cuttings
- Geraniums, pelargoniums, potted petunias, heliotrope,
- Tropical, luchus, Vernon brassicas, and all soft-wooded plants for bedding.
- Greenhouse plants and house plants in stone vases.
- Carnations, new varieties of greenhouse plants and roses.
- Rooted cuttings or large plants of cacti, roses, chrysanthemums, ger- aniums, fuchsias, etc.
- Ferns, flower pots, etc.
- Orchids, green-leaved etc.
- Insecticides for fertilizing purposes
- Lilliums of all kinds.

Your Chairman made a suggestion to the Canadian Horticultural Association that the topic of reciprocity be discussed subject this year, and if possible, notify us of a minimum rate that they would be willing to accept. Mr. Mepsted, in his address, will doubtless finish this information. Your committee will suggest that if both societies could agree upon the same rate, it would oblige them to do all possible work for both Committees to secure that was mutually desired.

Another important subject is House Bill No. 575, and the Hill No. 578, both giving the Secretary of Agriculture large and possible dangerous discretionary power over the impor- tation of nursery stock and some kinds of species and kinds of floral products. The nurserymen ask our co-operation in their effort to have the bill amended so as to have a definite report which is necessary in reasonable bounds. Your commit- tee again asks that you give this matter earnest, not slip-shod, attention and that you publish instructions to your wishes. The bills in question are herewith appended, marked exhibit B & C.

A complaint concerning the dilatory delivery of cut flowers by the U. S. Express Co., has been taken up with the company. This complaint is brought about as the result of the recent strike and its solution has not progressed far enough to make a de- finite report. The labor trust seems to be the subject of the situation. Your chairman promises to carry it to its ultimate conclusion even if it leads to the Interstate Commerce Commission.

Another interesting subject to the routing of goods was taken up with the express companies and an admis- sion that their officials were in error was made. It was suggested by the express company how to secure proper service in the future.

Your committee would also suggest that any information concerning the export or import of plants, shrubs or any other product, entering into the construction of greenhouse establish- ments, will be gladly accepted and will be given proper time arrive to make the information effective.

The opinion of your committee is divided as to the advisability of app-

pearing before the Interstate Com- merce Commission against express

Canadian Existing duties American Canadian.

179% 179% Free 179%

20% 20% 20% 20%

Free Free Free Free

Free $5.00 per M. Free

P. Welch then opened the discussion on Canadian reciprocity in floral products from the American standpoint, and E. I. Mepsted's paper from the Canadian standpoint was read by Mr. Robinson of Montreal in the author's absence. Both gentlemen agreed that floral reciprocity would be a distinct advantage to the trade on both sides of the line. Mr. J. C. Leitch handled the objections of such of his countrymen as held opposing views and ad- mitted that the Canadian retail trade is growing much more rapidly than the wholesale production and that relief from heavy duty on flowers and plants is greatly needed. A lively dis- cussion followed in which Messrs. Hammond and Frank Pierson spoke in similar vein and a motion was unani- mously adopted that the best interests of the trade here were best served by reciprocal relations with Canada.

W. F. Kasting then took the floor in advocacy of a spring meeting in place of the summer convention, com- bining with the rose, cacti and other auxiliary societies all of which would be of great advantage to the trade especially in connection with the national flower show.

Mr. Rudd approved with great earnestness, as did also Wallace R. Pier- son, E. G. Hill, John Westcott, A. C. Farenwald and others. Mr. Fulmer was opposed.

Chicago the Next Meeting Place.

Selection of the place of meeting brought out nominations of Chicago and Louisville, the star speakers for the latter being the official convention
advocate of the city, a "spellbinder," whose eloquence has rarely been equalled in the history's chapter. A balloted result in the, ninety-seven for each city. A new ballot was taken at the afternoon session and amid much excitement, the President was choosing one hundred and forty-five to one hundred and forty-two.

**Nomination of Officers.**

The nomination of officers resulted as follows:

**President,** F. R. Piersol
**Vice-President,** H. T. Poehlmann
**Secretary,** John Young, and David Rust

**Treasurer,** W. F. Kastling.

**WEDNESDAY AFTERNOON'S SESSION.**

At the afternoon session, William Duckham read a thoughtful paper on the Private Gardener, F. R. Piersol was chosen chairman of the National Flower Show Committee.

**Report of National Flower Show Committee.**

The second National Flower Show opened its doors to the public in Mechanics' Building, Boston, March 25, 1911, continuing until Sunday, April 2d. The formal opening took place on the evening of March 25th, when a large and distinguished audience gathered in Paul Revere Hall, contributing greatly to the interest and excitement of that evening. The weather was unseasonably cold at the time of the opening, but in spite of this drawback, I think I can modestly say that the day was a success, and that we may be proud that the country approached this one in its scope and magnificence. The large attendance of the trade from all over the country is something that will be considered the largest for a number of years, and especially the local attendance, was most gratifying.

You are all aware of the success of the second national flower show. I am sure you will agree with me that this is one of the finest events that has ever taken place. The number of paid admissions—$3,016—amounted to $13,982.00. At the first national flower show the number of paid admissions was 2,750, amounting to $17,751.00. This by way of comparison: although at the first show 75 cents was charged for admission, while at Boston 50 cents was charged, and the admission charged was practical to charge, on account of the fact that the Massachusetts Horticultural Society had been the habit of giving exceedingly fine shows practically free. The amount distributed for cash prizes was $3,625.10; at Chicago, $3,117.00 was distributed for cash prizes, and the amount received, excluding the amount received from the guarantors was $9,625.75. In this way we see that the society's support was appreciably greater at Boston than it was at Chicago.

One of the most pleasing features of the show was the hearty cooperation of the various horticultural societies, and it was largely due to their cooperation that the show was a success. We must be proud of the fact that the show was a success. We must be proud of the fact that the society's support was appreciably greater at Boston than it was at Chicago.

In preparing the premium lists, the Carnation Society, the Sweet Pea Society and the National Association of Gardeners were asked to prepare their own schedules. The several officers of the society--as well as the general schedule--were prepared, and best evidence that the fact that over eighty per cent. of the premiums offered by the society were received from the guarantors. This was the logical sequence of the idea of home rule. It proved in a practical, logical way that it is impossible to have all the several societies work for one harmonies whole; and I think that the getting together of the different societies in making one grand show has demonstrated the fact that in horticultural, as well as other matters, "in union there is strength."

Undoubtedly, it is impracticable to repeat these flower shows annually. A work of this magnitude is too large. Many of the expenses, and the number of premiums given, is too large a task for any society, and the net profit on these shows is too large to carry on.

The success of the second National Flower Show proves that the public is interested in horticulture. Our summer conventions do not meet this need; they are more particularly intended to carry on the work of the society and to promote the society's immediate interest in horticulture. The National Flower show, held in the spring, and once in about every three years, can be made of particular interest to the general public, as it is an educational factor in horticulture.

I am glad that the society of this second National Flower Show has demonstrated to the public that the Carnation Society the advantages to be derived from a combined exhibition. The success of the Boston show has made it possible for the Carnation Societies getting together to hold their next annual show in Detroit, and we hope that this work of general interest will continue along these lines, as we believe it is a move in the right direction.

A very pleasing feature of the exhibition—must not omit to mention—was the presence of our English friends, who made it a point to time their visit at the time of the Flower Show, contributing much to the pleasure of the occasion.

We wish to acknowledge our indebtedness to the Gardeners' and Florists' Club and the Boston Horticultural Society for the cordiality of the hospitality extended by them. The trade exhibit was exceedingly large and comprehensive, and added no small part to the success of the general result, and the committee believes that those represented found themselves sufficiently remunerated for the labor involved. In addition to the cash prizes awarded, there was a large number of silver cups donated by manufacturers, and to two of S. A. F. and O. II. medals and certificates of merit. Besides these, the Massachusetts Horticultural Society, through its own committee, awarded numerous gold and silver medals in recognition of superior culture and
HorticulturE
August 19, 1911

Merit; and we wish to express to this society our appreciation of its liberality.

A summary of the report of the treasurer, E. Allan Pelce, follows:

Treasurer's Report.

Receipts:

Guarantees Fund ........................................ $5,800.00
State auditor and others ................................ $400.00
Space sold .............................................. 6,863.76
Programme advertising ................................ 1,220.89
American Rose Society ................................ 327.00
American Carnation Society .............................. 325.00
National Sweet Pea Society ................................ 24.25
Cash donations for Sweet Pea Festival .................. 75.00
National Association of Gardeners ...................... 105.00
Maryland State Board of Agriculture .................... 50.00
Boston Flower Exchange ................................ 100.00
Interest .................................................. 34.57

Total .................................................................. $11,027.87

Disbursements:

Returned Guarantees........................................ $5,800.00
Mechanical building.......................................... 2,267.92
Mechanical rental ........................................... 5,855.30
Commission on space ......................................... 2,267.92
Advertising .................................................. 2,239.42
Decorating equipments ....................................... 3,340.66
Printing, stationery, etc ................................... 967.25
Insurance ..................................................... 160.00
Publicite and Detectors .................................... 197.74
Pottage ...................................................... 122.48
Salaries ...................................................... 325.00
Labor ........................................................ 1,306.85
Telephone ................................................... 39.97
Freight, carriage and express ............................. 29.94
Expressmen.................................................. 29.94
General expenses ........................................... 564.54
Provisions ................................................... 1,385.00
Prizes awarded ............................................. 8,013.10

Total ........................................................ $33,372.41

Gross profit ................................................ $3,655.46

Division of Profits:

C. I. Campbell ........................................... $1,215.49
Guarantees 10% dividends ................................ 986.00
A. F. & O. I. net profit .................................. 1,424.97

Unanimous vote of thanks was given Mr. C. I. Campbell.

THURSDAY MORNING'S SESSION.

The chief business of the morning's session was balloting for officers which began at 11 A. M., and excited great interest and unusual activity on the part of the supporters of the various candidates.

Committee on Final Resolutions:

The committee on final resolutions, J. C. Vaughan, F. H. Friendly and W. J. Young, as follows:

Wishes for the twenty-seventh annual convention of the Society of American Florists held in Baltimore was in all ways a great success and splendidly attended, all reports to the effect that the Baltimore Committee had been highly successful in their efforts to make the convention a great success and that the hotel arrangements were excellent and splendidly cared for. A special request was made of the committee on arrangements to extend the secretarial privileges to the ladies. The Hon. Robert T. CADMAN, Mayor of Baltimore and the Hon. William J. Smith, President of the Athletic Club, then extended the secretarial privileges to the ladies.

The committee also made a special request that the City of Baltimore extend the secretarial privileges to the ladies, and that this privilege be extended to all future conventions.

ANNUAL MEETING OF THE LADIES' S. A. F.

The annual meeting of the L. S. A. F. was held at the Hotel Belvedere in Baltimore on August 18th. Mrs. J. V. Phillips of N. Y. A pleasant address of welcome was given by Mrs. R. Vincent, Jr., of White Marsh, Md. The idea was made by Mrs. B. Hammond Tracy of Warsaw, Mass. A short address of welcome was then given by the president.

The official minutes were read and approved. The yearly record showed that there were 273 members on roll.

The treasurer's report was as follows:

Total receipts ........................................... $288.71
Total expenditures .................................... 341.01
Balance .................................................. $288.71

Nomination of officers then took place.

For President, Mrs. E. V. Boone, 88 votes; Mrs. Julius Koons, Jr., N. J., 27 votes. For 1st Vice-President, Mrs. R. Wittman of West Hoboken, N. J., was the only nominee, and therefore received it. For 2nd Vice-President, Miss Perle of Des Moines, Iowa, being the only nominee, received it. For Treasurer, Mrs. A. M. Herr, of Lancaster, Pa., as the only nominee, received it. For Secretary, Mrs. Chas. H. Maynard, of Detroit, Mich., as the only nominee, received the office.

The meeting adjourned after the new President took the chair, at 11 A.M.

JOINT MEETING.

The joint meeting of Rose, Carnation and Sweet Pea Societies considered the question of a union meeting and exhibition next year at Detroit. It was a long and very lively meeting. The Carnation Societies stood out for January, and others favored March, but the Carnation people carried their point, and January tenth was finally chosen.

FLORETS' HAIL ASSOCIATION.

The Florists' Hail Association at the annual meeting re-elected old officers. H. H. Ritter was elected Director for two years.

LADIES' BOWLING.

At the ladies' bowling match Thursday forenoon Mrs. Frank Traendly won the seventy-five dollar silver cup.

TWO FINE GLADIOLUS NOVELTIES.

We have had the pleasure of testing out the qualities of Frank lanier's new gladiolus novels and have been highly pleased with them. Iraca and Panama. Iraca is a wonderfully lustrous white and canary flower, round as a lily, with a bit of pink towards the edges, of the true tropical traveller and the Boston trade like it. Panama is said to be a seedling from America. It has much of the character of its illustrious parent but is colored more of the pure, pleasing pink and less of the magenta that.

The Lepox (Mass.) Horticultural Society has voted to omit its show of annual and perennial flowers this year on account of the unfavorable season.
Horticulture

August 19, 1911

The Exhibition

Baltimore certainly gave the S. A. F., as promised, the most exhibition hall ever provided for their annual meeting. The hall was admirably arranged, which was highly appreciated by both the exhibitors and the visitors. All departments were well filled. Space will permit but little detail of the exhibits.

Issue H. M. Mass, Downstown, Md., clean well-grown hardy coneflowers.

Hebbink & Atkin, Rutherford, N. J., very hardy hardy evergreen, berries and ferns.

H. Dyer, Philadelphia, Pa., kentias, anthuriums, ferns and general decorative plant stock; flowers of double fringed petunias and gladiolus; bulbs and garden sundries.

J. A. Manda, W. Orange, N. J., newly imported cleistogenes. Fred. Leyp, Rossville, Pa., cacti.

Vaughn's Seed Store, display of bulbs and garden sundries; bulbs of double fringed petunias and gladiolus; palm, ferns.

The Exhibition

THE EXHIBITION

Baltimore certainly gave the S. A. F., as promised, the most exhibition hall ever provided for their annual meeting. The hall was admirably arranged, which was highly appreciated by both the exhibitors and the visitors. All departments were well filled. Space will permit but little detail of the exhibits.

Issue H. M. Mass, Downstown, Md., clean well-grown hardy coneflowers.

Hebbink & Atkin, Rutherford, N. J., very hardy hardy evergreen, berries and ferns.

H. Dyer, Philadelphia, Pa., kentias, anthuriums, ferns and general decorative plant stock; flowers of double fringed petunias and gladiolus; bulbs and garden sundries.

J. A. Manda, W. Orange, N. J., newly imported cleistogenes. Fred. Leyp, Rossville, Pa., cacti.

Vaughn's Seed Store, display of bulbs and garden sundries; bulbs of double fringed petunias and gladiolus; palm, ferns.

The Exhibition

Baltimore certainly gave the S. A. F., as promised, the most exhibition hall ever provided for their annual meeting. The hall was admirably arranged, which was highly appreciated by both the exhibitors and the visitors. All departments were well filled. Space will permit but little detail of the exhibits.

Issue H. M. Mass, Downstown, Md., clean well-grown hardy coneflowers.

Hebbink & Atkin, Rutherford, N. J., very hardy hardy evergreen, berries and ferns. H. Dyer, Philadelphia, Pa., kentias, anthuriums, ferns and general decorative plant stock; flowers of double fringed petunias and gladiolus; bulbs and garden sundries.

J. A. Manda, W. Orange, N. J., newly imported cleistogenes. Fred. Leyp, Rossville, Pa., cacti.

Vaughn's Seed Store, display of bulbs and garden sundries; bulbs of double fringed petunias and gladiolus; palm, ferns.

The Exhibition

Baltimore certainly gave the S. A. F., as promised, the most exhibition hall ever provided for their annual meeting. The hall was admirably arranged, which was highly appreciated by both the exhibitors and the visitors. All departments were well filled. Space will permit but little detail of the exhibits.

Issue H. M. Mass, Downstown, Md., clean well-grown hardy coneflowers.

Hebbink & Atkin, Rutherford, N. J., very hardy hardy evergreen, berries and ferns. H. Dyer, Philadelphia, Pa., kentias, anthuriums, ferns and general decorative plant stock; flowers of double fringed petunias and gladiolus; bulbs and garden sundries.

J. A. Manda, W. Orange, N. J., newly imported cleistogenes. Fred. Leyp, Rossville, Pa., cacti.

Vaughn's Seed Store, display of bulbs and garden sundries; bulbs of double fringed petunias and gladiolus; palm, ferns.

The Exhibition

Baltimore certainly gave the S. A. F., as promised, the most exhibition hall ever provided for their annual meeting. The hall was admirably arranged, which was highly appreciated by both the exhibitors and the visitors. All departments were well filled. Space will permit but little detail of the exhibits.

Issue H. M. Mass, Downstown, Md., clean well-grown hardy coneflowers.

Hebbink & Atkin, Rutherford, N. J., very hardy hardy evergreen, berries and ferns. H. Dyer, Philadelphia, Pa., kentias, anthuriums, ferns and general decorative plant stock; flowers of double fringed petunias and gladiolus; bulbs and garden sundries.

J. A. Manda, W. Orange, N. J., newly imported cleistogenes. Fred. Leyp, Rossville, Pa., cacti.

Vaughn's Seed Store, display of bulbs and garden sundries; bulbs of double fringed petunias and gladiolus; palm, ferns.

The Exhibition

Baltimore certainly gave the S. A. F., as promised, the most exhibition hall ever provided for their annual meeting. The hall was admirably arranged, which was highly appreciated by both the exhibitors and the visitors. All departments were well filled. Space will permit but little detail of the exhibits.

Issue H. M. Mass, Downstown, Md., clean well-grown hardy coneflowers.

Hebbink & Atkin, Rutherford, N. J., very hardy hardy evergreen, berries and ferns. H. Dyer, Philadelphia, Pa., kentias, anthuriums, ferns and general decorative plant stock; flowers of double fringed petunias and gladiolus; bulbs and garden sundries.

J. A. Manda, W. Orange, N. J., newly imported cleistogenes. Fred. Leyp, Rossville, Pa., cacti.

Vaughn's Seed Store, display of bulbs and garden sundries; bulbs of double fringed petunias and gladiolus; palm, ferns.

The Exhibition

Baltimore certainly gave the S. A. F., as promised, the most exhibition hall ever provided for their annual meeting. The hall was admirably arranged, which was highly appreciated by both the exhibitors and the visitors. All departments were well filled. Space will permit but little detail of the exhibits.

Issue H. M. Mass, Downstown, Md., clean well-grown hardy coneflowers.

Hebbink & Atkin, Rutherford, N. J., very hardy hardy evergreen, berries and ferns. H. Dyer, Philadelphia, Pa., kentias, anthuriums, ferns and general decorative plant stock; flowers of double fringed petunias and gladiolus; bulbs and garden sundries.

J. A. Manda, W. Orange, N. J., newly imported cleistogenes. Fred. Leyp, Rossville, Pa., cacti.

Vaughn's Seed Store, display of bulbs and garden sundries; bulbs of double fringed petunias and gladiolus; palm, ferns.

The Exhibition

Baltimore certainly gave the S. A. F., as promised, the most exhibition hall ever provided for their annual meeting. The hall was admirably arranged, which was highly appreciated by both the exhibitors and the visitors. All departments were well filled. Space will permit but little detail of the exhibits.

Issue H. M. Mass, Downstown, Md., clean well-grown hardy coneflowers.

Hebbink & Atkin, Rutherford, N. J., very hardy hardy evergreen, berries and ferns. H. Dyer, Philadelphia, Pa., kentias, anthuriums, ferns and general decorative plant stock; flowers of double fringed petunias and gladiolus; bulbs and garden sundries.

J. A. Manda, W. Orange, N. J., newly imported cleistogenes. Fred. Leyp, Rossville, Pa., cacti.

Vaughn's Seed Store, display of bulbs and garden sundries; bulbs of double fringed petunias and gladiolus; palm, ferns.

The Exhibition

Baltimore certainly gave the S. A. F., as promised, the most exhibition hall ever provided for their annual meeting. The hall was admirably arranged, which was highly appreciated by both the exhibitors and the visitors. All departments were well filled. Space will permit but little detail of the exhibits.

Issue H. M. Mass, Downstown, Md., clean well-grown hardy coneflowers.

Hebbink & Atkin, Rutherford, N. J., very hardy hardy evergreen, berries and ferns. H. Dyer, Philadelphia, Pa., kentias, anthuriums, ferns and general decorative plant stock; flowers of double fringed petunias and gladiolus; bulbs and garden sundries.

J. A. Manda, W. Orange, N. J., newly imported cleistogenes. Fred. Leyp, Rossville, Pa., cacti.

Vaughn's Seed Store, display of bulbs and garden sundries; bulbs of double fringed petunias and gladiolus; palm, ferns.
REPORT ON SCHOOL GARDENING

BY THE S. A. F. COMMITTEE.

At the Annual Convention of the Society of American Florists held in the city of Washington, August 18th, 1892, that is nineteen years ago, Mr. Robert Farquhar of Boston read a paper on the Buds of School Horticulture as a means of increasing and diffusing a knowledge of flowers. He stated, at that time, "I think the members of the executive committee should make an united effort to have the claims of Floriculture and all kindred subjects for children recognized in all public schools. I feel sure the teachers will give their hearty support to wisely planned efforts in this direction." A broader or better suggestion could hardly be made than this. Since that time, the School Garden idea has become national. Last year your committee made an exhaustive examination of what is being done in this direction in the various states of the American Union, and made a report in some detail. When the committee was reappointed, work was begun to see what this important work is accomplishing we may give a few examples. First, the greatest attention and the most extensive advertising that can be given to the work is being done in the large cities, but in the smaller towns comparatively little is being done. Various states are giving premature attempts to promote this. Agricultural knowledge, notably New York state, where now requires of each of the School Commissioners to be able to pass an examination which involves a fundamental knowledge of Agriculture.

In New Jersey, particularly in the rural districts, some little teachers having the instinct of cultivation is carried on most admirably. In that suburban district to the city of New York, there are some number of attached to the school growing which children are so taught as to take home what they learn, and grow and care for them as they grow. In Hastings, Michigan, there is a group of 250 people, much interest is taken in this work, many waste places having been made beautiful and attractive, and many gardens have been improved and made absolutely free, and this started a movement that has borne rich results. At Lancaster, Pa., the florists there decided to promote the ingenuity of the children and most of whom were able to design and build the victory gardens, what they are doing is as follows: Twenty thousand shade trees were recently given out to the school children and "most of whom were able to design and build the victory gardens, what makes the city beautiful. At Anheuser, Miss., a novel illustration of object teaching was done by Dr. Hales, Prof. American Horticultural College, who started as a part of the School Garden a seed garden patch, so that the children could learn to distinguish destructive and undesirable vegetation. In Buffalo, our friend, Prof. Cowell, has in many a way urged and helped along the work in this city and so well has he done it that people enjoy a bit of ground with their homes that the work there has telling effect, and the Superintendent of Public Instruction of New York state, Mr. W. S. Moody, recently stated: "I wish to assure you of my interest in the matter and my desire to confer further with you in relation to this work." The boy in the crowded city like New York window boxes play a most important part of instruction. Cedar Rapids, that thirty years ago thought of this movement for systematic training in School Garden work is not yet fully appreciated, although our friends, Messrs. L. A. Wildy, and Mrs. D. J. H. Kasting, of the Iowa State College, have their best to start the work. Cleveland has probably done more systematic work in teaching children gardening than any other place, and the Home Garden Association of that city, because of its untiring work gives a constant impetus, for from "School Gardening" it is only a step to "Home Gardening," and this is the achievement to be desired: "To make the waste places of the city beautiful and useful.

"To train city children in the cultivation of the soil."

"To give further assistance to the important of work on the land."

In all this work how far it is best to go in providing tools and seeds are a question that cannot be answered until you cannot go too far in public distribution of seeds. The idea that the government is going to furnish everything is, in the nature of things, to develop true independence of character.

The United States Government has given attention to this study, and the bulletin has been issued, particularly one by Mr. L. C. Corbett, Horticulturist of the Bureau of Plant Industry is one of great value to a teacher, being mainly a guide, not originating, you cannot go too far in public distribution of seeds. The idea that the government is going to furnish everything is, in the nature of things, to develop true independence of character.

The United States Government has given attention to this study, and the bulletin has been issued, particularly one by Mr. L. C. Corbett, Horticulturist of the Bureau of Plant Industry is one of great value to a teacher, being mainly a guide, not originating, or not followers; they are followers, and the teacher must know, to be successful, how to able to do things, in the spirit of the school and the home garden, is particularly well fitted for that purpose. Miss Susan C. Sipe, who delivered before the convention of the S. A. F., when held in Washington, a very interesting bulletin has prepared a descriptive pamphlet which is issued by the Office of Experiments Stations in Washington, School Garden Study in English Schools, with illustrations, and surely it would seem that England is the land of the "Home Garden," and the Chief, J. C. Garden, of the Agricultural Department, has also sent a Bulletin known as "Farmers' Bulletin 468." There is not a rural or city school that cannot read that Bulletin to the utmost advantage. Prof. Galloway, Chief of the Bureau of Plant Industry, lends a helping hand, and in his excellent pamphlet issued in 1905, entitled "School Gardens," covers the ways of getting at this child work, the most instructive.

In the city of Poughkeepsie, N. Y., Principal William L. Wildy says: "I am directing the work for the Poughkeepsie Garden School in Easton's Park. We have 200 children making gardens there now. This is the third year for the garden. I am also directing the work for the School Garden Association of New York City. We have under way five gardens in connection with the public schools. They are rush, and I find that these five gardens have about 200 children interested in the work. I find them very good workers and expect to have very fine results.

At Fishkill-on-Hudson, N. Y., the academic pupils matted out and named the trees and shrubs growing upon the banks of the Hudson. As a result of the botanical work and instruction which they received in the school, and in this same school district, the pupils, a group of children, ranging from 8 years to 17, who are members of the "Home Garden Brigade." This work wherever it is carried on results in improving the streets.

In Springfield, Ohio, we find that Christian Binnig and John M. Good, introduced to Springfield, florists' Club, presented to the members of the Board of Education a plan to beautify the yards around the public school buildings and they took hold of the work there. Here is a point that we wish to dwell upon. There is listed in the Florists' Directory as many as 6600 florists and nurseries in the United States, aside from the nurserymen. The work that is possible to be done by these men in each of their towns is very considerable and in an unorganized public improvement it never rests simply with the man who has large means, but local florists can do just as these people at Springfield are doing. The suggestion to their local Board of Trustees, and very few but what would see beneficial results from their efforts. This work is being carried on among the leading people. In Ceylon, the Royal Botanical Gardens in their reports state: "The School Gardens in Ceylon have been commenced about two years ago has come to stay. Every year more and more schools are taking up this line of work and there are not many years in which every single school will have School Gardens attached to them." In Austria over 6000 gardens are cultivated in connection with the public schools, and the pupils receiving there expert tuition in Horticulture.

In Scotland, the prize garden is said to be at Drumwhindle, and the finest in Great Britain. The garden means one-quarter of an acre, and is enclosed on two sides by the school play grounds. At the two corners of the garden are neatly constructed rockeries, in the first border all the plants growing therein were prominently marked by labels of the variety, and in the piece of a piece of gold washed metal. Around the walls were roses, apple plums and cherries. The work in this garden was commenced chiefly to the pupils over twelve years of age. This garden is so well kept up that it is a museum of itself, but the work is done. To show the extent of this School Garden work in further detail would be tiresome for the work goes on throughout the year; but enough has been said to illustrate the importance given to this subject from a practical economic view.

THE FLORISTS' HAIL ASSOCIATION OF AMERICA.
Secretary's Report for Year Ending August 1st, 1911.

The insurance on glass effective at present date, in The Florists' Hall Association, Subdivided by States, is stated below.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Arkansas</td>
<td>4,500</td>
<td>7,900</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Colorado</td>
<td>500,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connecticut</td>
<td>1,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delaware</td>
<td>115,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Florida</td>
<td>24,150</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Georgia</td>
<td>26,800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Illinois</td>
<td>283,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indiana</td>
<td>21,175</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iowa</td>
<td>436,991</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kansas</td>
<td>558,739</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kentucky</td>
<td>853,199</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Louisiana</td>
<td>2,742.7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maryland</td>
<td>158,175</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Massachusetts</td>
<td>5,350</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Michigan</td>
<td>143,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minnesota</td>
<td>96,065</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Missouri</td>
<td>75,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Montana</td>
<td>128,840</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nebraska</td>
<td>361,888</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Hampshire</td>
<td>900</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Jersey</td>
<td>41,743</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Mexico</td>
<td>4,476</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New York</td>
<td>123,590</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ohio</td>
<td>635,820</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oklahoma</td>
<td>14,675</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>146,852</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rhode Island</td>
<td>449</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tennessee</td>
<td>11,300</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Texas</td>
<td>46,072</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Virginia</td>
<td>7,019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Washington</td>
<td>12,910</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>West Virginia</td>
<td>4,580</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wyoming</td>
<td>1,250</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dist. Columbia</td>
<td>7,744</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td>5,686</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Total       | 7,357,558          | 20,082,032         | 161,121            | 2,031,603          | 1,590,291          | 5,323,328          | 30,660.45          |

The above is equivalent to an insurance upon 35,061,440 square feet of glass. The amount received for the year ending Aug. 1st, 1911, and including last year's balance, as per Treasurer's report, have been $30,376.87.

The total expenditures, as per Treasurer's report have been $13,202.60.

The cash balance on hand is $18,604.79, of which $8,800.00 belongs to the Emergency Fund and $1,545.19 to the Reserve Fund.

The Reserve Fund now stands at $90,066,619, of which $80,000.00 is invested in excellent securities and $10,145.19 cash in hands of the Treasurer.

The amount of interest collected on Reserve Fund investments for the year is $1,053. The amount of interest credited on bank deposits for the year was $1,485.73.

Losses representing a breakdown of 295,911 square feet of single thickness glass and 141,205 square feet of double thickness glass have been paid during the year, 1,650 losses have been adjusted since the organization of the F. H. A., involving a total expenditure of more than $317,000.00.

Summary of Treasurer's Report:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>To stand on hand August 1, 1910</td>
<td>$1,554.45</td>
</tr>
<tr>
<td>To total receipts for year ending August 1, 1911</td>
<td>$51,090.42</td>
</tr>
<tr>
<td>Cr.</td>
<td>$53,378.87</td>
</tr>
<tr>
<td>By losses paid August 1, 1910 to August 1, 1911</td>
<td>$30,091.24</td>
</tr>
<tr>
<td>By expenses</td>
<td>2,314.80</td>
</tr>
<tr>
<td>By Investments</td>
<td>2,000.00</td>
</tr>
<tr>
<td>By Miscellaneous</td>
<td>6,000.00</td>
</tr>
<tr>
<td>By balance on hand</td>
<td>$10,249.75</td>
</tr>
</tbody>
</table>

Signed, JOSEPH HEACOCK, Treasurer.

I have this day compared the accounts of Secretary and Treasurer of the Florists' Hall Association and find them to be correct, and the securities belonging to the Reserve fund are intact and are deposited with the Downtown National Bank.

ALBERT M. HERR, Auditing Director.

ST. LOUIS NOTES.

Charles Schoenle and Geo. H. Angermiller have been spending a week fishing.

J. M. Nichols, president of the St. Louis Seed Co., is up north with his family for the summer.

Rev. W. Pape, on South Pennsylvania avenue, has bought a new touring car and will take him with on his vacation trip this month.

A. T. Grisra, late of the Tinsley company, will soon leave to take charge of the seed department of the Nebraska Seed Co. at Omaha.

President-elect, Winder, W. C. Smith and J. J. Beeneke have charge of the Chicago trip of the Club for October 5. Quite a large number will make the trip.

Henry C. Ostergat, of the firm of Ostergat Bros., was severely bitten by a dog last week. The bite was considered serious, but he is now on the road to recovery.

Guy M. Reyburn, of A. Henderson & Co., Chicago, and H. Rowoldt, of Kyle & Foerster, Chicago, were visiting last week, returning from a business trip and the latter on his way south for a vacation.

The Apple Growers will meet in St. Louis this month, 22-23. At a meeting of the executive board which met last week at the Planters Hotel, a program which will be quite interesting was mapped out.

The new building being erected for C. O. Sanders and D. H. Gaines, was nearly completed when it collapsed on Wednesday and killed a workman. Mr. Sanders says the loss will fall on the contractor, but it will put them back two months.
HORTICULTURE

August 19, 1911

The Edgebrook Greenhouses and Nurseries

THE GEO. WITTBOLD CO.

Cordially invite all Florists interested in

Fine Ferns, Palms, and Nursery Stock

Also all other seasonable stock to stop over and visit our place at EDGEBROOK, CHICAGO, ILL.

Chicago, Milwaukee and St. Paul Railway

We now have 80 acres of Nurseries and 70,000 square feet of glass at Edgebrook which is

well stocked with a full line of seasonable plants.

CLUBS AND SOCIETIES

ST. LOUIS FLORIST CLUB.

The St. Louis Florist Club held an interesting meeting on Thursday afternoon last week, this being the meeting when the yearly election of officers takes place. The attendance was not as good as expected for this occasion. The president not being present, Vice-President Frank Weber filled the chair. The election of officers for the ensuing year being in order, there was only one nominee for president, Robert J. Windler, and his election was made unanimous; for vice-president there were two candidates, F. Venne- man and C. F. DeWeber. Mr. Venne- neman was elected on the first ballot. For the offices of secretary and treasurer Messrs. Beneke and Smith had no opposition and were the unanimous choice of the members. J. F. Ammann and F. A. Weber were the candidates for a three term trustee, and after several ballots Mr. Weber was elected. For the one year term W. C. Young and C. C. Sanders were the candidates and W. C. Young was elected. The above set of officers should prove a bustling crew and pilot the good ship through a successful year.

A communication was read from the Chicago Florists’ Club inviting the club members to meet with them on Thursday, October 5th, which was accepted and quite a few expressed themselves as wishing to make the trip. State Vice-President Weber of the S. A. F., made a neat talk telling the members all about the Baltimore trip. The trustees were given a vote of thanks for the successful outing they gave the members last month. The meeting then adjourned.

CHICAGO FLORISTS’ CLUB.

As usual this summer the attendance was good and two visitors C. C. Pollard of Milwaukee and C. DeWitt of St. Louis were present and the former elected to membership, regular rules being suspended for that purpose.

Report of the picnic committee was made by its chairman A. Zock. Fifty dollars was appropriated by the club toward the Baltimore expenses of the bowling team which consists of Geo. Ammann, John Zock, C. W. McKellar, W. Wolf and P. Oslin.

It was voted to extend invitations to the Detroit Florists’ Club and the Milwaukee Florists’ Club to visit the Chicago Club Oct. 5, when Elmer D. Smith will read a paper on chrysanthemums. A chrysanthemum show will also be held at the November meeting and an invitation sent to the Chrysanthemum Society of America to appoint the judges. A vase of Gladiolus Kundertii Gloria was exhibited by Walter Scott of La Grange, Ill.

RAILWAY GARDENING ASSOCIATION.

The fifth annual meeting of this association is being held this week at Chicago, Headquarters, Kalserhof Hotel.

President, Patrick Fox, Norfolk & Western R. R., 61 Fourth avenue, N. E. Roan- dale, Va.

Vice-President, J. E. Smith, Pennsylvania R. R., Ridley Park, Pa.

Secretary and Treasurer, J. S. Butterfield, Montauk Park, Seattle, Wash., and R. L. Summit, Mo.

The following program has been received:


10.45 A.M. to 5.00 P.M., Inspection Tour of Chicago Parks. 8.00 F. M. papers will be read as follows: "Sodding and Seeding Laws, Comparative Value, Best Time to Do It, Material," R. J. Rice, Michigan Central R. R.; "The Gardener’s Jurisdiction: How Far Beyond the Park Fence Should It Be Reared?", R. W. Hutchinson, Pennsylvania R. R.; "How Best to Prevent Stock from Trampling on Our Grounds," C. W. Echlin, Queen & Crescent R. R.

Dreer's Variegated Pineapples
(ANANAS SATIVA VARIEGATA)

We are the first to offer this most beautiful of all variegated foliace plants in quality and in price nearly as low as good Pundanis Yelchei can be purchased for.

You will make no mistake in giving these a trial; it will make a change and variation in your foliace plants which will be appreciated by your customers and which will prove a profitable investment to you.

1-inch pots, fine plants
$1.00 each
5-inch pots, fine plants
1.00 each
6-inch pots, fine plants
1.50 each

PHOENIX ROEBELENII

We offer the most extensive stock in America of this beautiful graceful Hardy Palm in excellent plants of good value.

2½-inch pots, 12 months' old seedlings, $1.50 per dozen, $12.00 per 100. 1-inch pots, nicely characterized, $0.90.

Specimens, 6-inch pots, 1½ feet high, 2 feet spread, 2.00
8
Best, 2½ feet high, 3 feet spread, very good
12
12
12
12
12
12

For the most complete line of decorative Plants and other Seasonable Stock see our Current Wholesale List.


A CORDIAL INVITATION

is extended to all local and visiting florists and their friends to COME and SEE

our stock of

Crotons, Palms, Dracaenas, Ficus, Pandanus, Araucarias, Boston Ferns
AND OTHER DECORATIVE STOCK.

Also our Ferns for Dishes or Ferneries, Poinsettias, Primulas, and other stock for growing on.

FRANK OECHSLIN,
4911 W. Quincy St.,
Chicago, Illinois

A cordial invitation is extended to all local and visiting florists and their friends to COME and SEE our stock of Crotons, Palms, Dracaenas, Ficus, Pandanus, Araucarias, Boston Ferns AND OTHER DECORATIVE STOCK.

Also our Ferns for Dishes or Ferneries, Poinsettias, Primulas, and other stock for growing on.

FRANK OECHSLIN,
4911 W. Quincy St.,
Chicago, Illinois

permuted on all subjects. 1,210 P. M. to 5:00 P. M., inspection Burlington Railroad Station grounds and Vashon Nurseries and Greendel and Gibbons. West Springfield, Illinois. 8:00 P. M., Selection of Next Meeting Place, Election of Officers, Miscellaneous. Thursday and Friday, August 17 and 18, Sightseeing at the discretion of Visitors.

WESTCHESTER AND FAIRFIELD HORTICULTURAL SOCIETY.

At the regular meeting held Friday evening, Aug. 11, at Stamford, Conn., there was the usual large attendance. The society has received many prizes for competition at the various shows held in Stamford Nov. 3-4, and an exhibition committee is busy with final schedule, which will soon be ready. Our own committee made final report and all who attended expressed themselves as well pleased with the good work done by the committee to make the affair a success. The judges awarded cultural certificates to James Stuart for Amaryllis Belladonna and Ewen MacKenzie for Muscat of Alexandria. A vote of thanks was given to Mr. J. Quirk for sweet peas, A. Whitlaw for asters, Carrillo & Baldwin for Cattleya Dowiana, E. Blondin for cucumber, North Pole, A. Peterson for tomato Liberty, J. B. Andrew for ornamental pomegranate and P. W. Popp for basket of flowers.

J. B. McARDLE, Sec'y.

NASSAU COUNTY HORTICULTURAL SOCIETY.

The regular monthly meeting of the Nassau County Horticultural Society was held in Pembroke Hall, Wednesday evening, Aug. 9th. President Trepp occupied the chair and there was a good attendance. Messrs. Ashworth, McNerney and Walker were appointed judges of the monthly exhibits and their decisions were as follows: Society Prize, 12 asters, any color, 1st, Geo. Barton; 12 gladiolus, 1st, Paul Reul. J. Ingram, Special, 4 vases of asters, 1st, Geo. Barton. A Certificate of Culture was awarded to James Ensmie for a dish of peaches.

The outing committee reported that all arrangements were satisfactory for the annual outing which will be held Sept. 16, at Guards Hill, Melville, Long Island. A vote of thanks was given to Mr. J. Quirk for sweet peas, A. Whitlaw for asters, Carrillo & Baldwin for Cattleya Dowiana, E. Blondin for cucumber, North Pole, A. Peterson for tomato Liberty, J. B. Andrew for ornamental pomegranate and P. W. Popp for basket of flowers.

J. B. McARDLE, Sec'y.

NASSAU COUNTY HORTICULTURAL SOCIETY.

The regular monthly meeting of the Nassau County Horticultural Society was held in Pembroke Hall, Wednesday evening, Aug. 9th. President Trepp occupied the chair and there was a good attendance. Messrs. Ashworth, McNerney and Walker were appointed judges of the monthly exhibits and their decisions were as follows: Society Prize, 12 asters, any color, 1st, Geo. Barton; 12 gladiolus, 1st, Paul Reul. J. Ingram, Special, 4 vases of asters, 1st, Geo. Barton. A Certificate of Culture was awarded to James Ensmie for a dish of peaches.

The outing committee reported that all arrangements were satisfactory for the annual outing which will be held Sept. 16, at Guards Hill, Melville, Long Island. A vote of thanks was given to Mr. J. Quirk for sweet peas, A. Whitlaw for asters, Carrillo & Baldwin for Cattleya Dowiana, E. Blondin for cucumber, North Pole, A. Peterson for tomato Liberty, J. B. Andrew for ornamental pomegranate and P. W. Popp for basket of flowers.

J. B. McARDLE, Sec'y.

NASSAU COUNTY HORTICULTURAL SOCIETY.

The regular monthly meeting of the Nassau County Horticultural Society was held in Pembroke Hall, Wednesday evening, Aug. 9th. President Trepp occupied the chair and there was a good attendance. Messrs. Ashworth, McNerney and Walker were appointed judges of the monthly exhibits and their decisions were as follows: Society Prize, 12 asters, any color, 1st, Geo. Barton; 12 gladiolus, 1st, Paul Reul. J. Ingram, Special, 4 vases of asters, 1st, Geo. Barton. A Certificate of Culture was awarded to James Ensmie for a dish of peaches.

The outing committee reported that all arrangements were satisfactory for the annual outing which will be held Sept. 16, at Guards Hill, Melville, Long Island. A vote of thanks was given to Mr. J. Quirk for sweet peas, A. Whitlaw for asters, Carrillo & Baldwin for Cattleya Dowiana, E. Blondin for cucumber, North Pole, A. Peterson for tomato Liberty, J. B. Andrew for ornamental pomegranate and P. W. Popp for basket of flowers.
The above slogan could also apply to the many other Craig specialties. We are making new customers very fast and with our increased glass area, we are in a position to take good care of you. Eventually you will handle Craig Quality Stock. Why not now? Our many customers advertise our stock and our stock advertises us.

**FANCY CROTONS, IN MANY VARIETIES**

<table>
<thead>
<tr>
<th>Cyclamen</th>
<th>Phoenix Roebelenii</th>
</tr>
</thead>
<tbody>
<tr>
<td>Begonia Lorraine</td>
<td>Dracaena Terminalis</td>
</tr>
<tr>
<td>Begonia Cincinnati</td>
<td>Dracaena Massangeanae</td>
</tr>
<tr>
<td>Genistas</td>
<td>Dracaena Lord Woolsey</td>
</tr>
<tr>
<td>Ficus Pandurata</td>
<td>Dracaena Fragrans</td>
</tr>
<tr>
<td>Areca Lutescens</td>
<td>Dracaena Bronze Beauty</td>
</tr>
<tr>
<td>Pandanus Veitchii</td>
<td>Dracaena Mandaiana</td>
</tr>
<tr>
<td>Nephrolepis in Variety</td>
<td></td>
</tr>
</tbody>
</table>

**ROBERT CRAIG CO.**

49th AND MARKET STREETS - PHILADELPHIA, PA.

BRANCH: NORWOOD, PA.

---

**Obituary**

John Birnie.

It was sad, sad news and almost unbelievable, that came with lightning suddenness to the hundreds of happy convention visitors at Baltimore when announcement was made of the death of one of their number, on Tuesday evening, as they were just beginning to gather for the president's reception. John Birnie, whom they had been talking to and who, a few minutes before, they had seen at the supper table, was dead! It was only too true, and there were tears in many eyes and deep sorrow on all sides. Mr. Birnie, who had been complaining some of not feeling well all through the day was stricken as he sat at the table with his wife in the dining room of the Hotel Belvedere. He was assisted to his room, where he expired in a few minutes. Apoplexy was said to be the cause.

John Birnie was a native of Buchan, Aberdeenshire, Scotland. He came to this country as a trained gardener. One of his first places was with the late W. J. Palmer in Buffalo. Then he went to West Hoboken, N. J., where he has long been known as a skillful and prosperous plant grower. He was active in the New York plant market and an earnest worker in the effort to have adequate accommodations supplied by the city for the marketing of plants. In the New York Florists' Club he was a useful, loyal member, and he has been a regular attendant at the S. A. F. conventions for many years. Personally John Birnie was respected and beloved as few men are. He was whole soul, generous, brilliant in intellect—a fine type of manly character. He was a most interesting writer, good debater and all around genial companion.

The body was taken to West Hoboken, N. J., on Wednesday. Members of the New York Florists' Club and others formed a procession and escorted the body from the Hotel Belvedere to the station Wednesday morning. The National Society and Baltimore and New York clubs sent beautiful floral tokens. Mr. and Mrs. John Donaldson accompanied Mrs. Birnie home to West Hoboken. The casket was opened at the station and each member in passing dropped in a rose. A special meeting of the New York Florist Club was held Tuesday night at which Messrs. Totty, Bunyard and Sheridan were appointed a committee on obituary resolution.

**A Friend's Tribute.**

The heart has gone clean out of me. I can't talk. My dear, kind, good John Birnie—that I was just jesting with but a minute ago. It cannot be. I cannot believe he is gone. And yet they assure me that this wonderful big heart has ceased to beat. I refuse to believe it, and yet I must—and in my grief I want to do all kinds of insane things. From now on, count the world a lonesome place for thousands of warm-hearted friends and admirers of John Birnie. He was one of the loveliest personalities I ever knew, and one of the wisest and wittiest. I am incomparable. I can say no more now.

GEORGE C. WATSON.

C. L. Sieber.

Charles Louis Sieber died at Pontchatoula, La., on August 1. He had
Boddington’s Quality Christmas and Winter-Flowering Sweet Peas

BODDINGTON’S EXTRA EARLY CHRISTMAS WHITE SNOWBIRD. An exceptionally early Sweet Pea for indoor flowering—will bloom six weeks after sowing. Color white, up to 3½ in. stems; habit fairly dwarf and of exceptionally free-flowering qualities. Without doubt, the finest early white for indoor planting. We sell one grower in Pennsylvania 65 lbs. of this variety every year, name on application. Oz., 50 cts.; ½ lb., $1.00; 1 lb., $2.00.

BODDINGTON’S CHRISTMAS PINK. This is the earliest and most profitable and useful Sweet Pea in cultivation, as by sowing the seed under glass in latter part of August, flowers can be cut from Thanksgiving on during the Winter months. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.25; 1 lb., $2.50.


BODDINGTON’S CANARY. Similar to the above, but variety of exceptionally good yellow. Oz., 35 cts.; ¼ lb., $1.00; ½ lb., $1.50; 1 lb., $3.00.


Florence Benzer. Pure white. Oz., 15 cts.; ¼ lb., 50 cts.; ½ lb., $1.00; 1 lb., $2.00.


Frenches Czar. This is the same color as Princess of Wales, violet; has very large flowers. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.25; 1 lb., $2.50.


Miss Joyce Kelly. Lilac; very large flowers. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.25; 1 lb., $2.50.


Mrs. Alex Wallace. Very scarce. Lavender. Oz., 50 cts.; ½ lb., $1.00; 1 lb., $2.50; 2 lbs., $4.00.


Mrs. George Lewis. Large, pure white waxyflower. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.25; 1 lb., $2.50.


Wallace. Very fine lavender, a grand florists’ variety. Oz., 50 cts.; ¼ lb., 75 cts.; ½ lb., $1.25; 1 lb., $2.50.


In other varieties of Winter and Summer-Flowering Sweet Peas supplied. Write for quotations.

* BODDINGTON’S WINTER-FLOWERING SWEET PEAS. At the Exhibition and Convention of the National Sweet Pea Society of America, July 12th and 13th, 1910, we again won the C. C. Morse & Co.’s Silver Cup for the finest and best collection of Sweet Peas open to the trade only.

**ARThUR T. BODDINGTON, Seedsman, 342 West 14th St., NEW YORK.**

A. L. Young & Co.

Wholesale Florists

54 West 28th Street, Telephone: 3539 Madison Square, NEW YORK

For Sale.

50,000 Field-Grown Carnation Plants

Raised by one of the best New England growers. Good, strong, healthy plants. Free from stem rot or other disease. Packed in strong, light, slatted crates; shipped direct from grower, and guaranteed to arrive in good condition. Prices reserved as orders are received for the following varieties:

Dorothy Crissey, Pink Delight, and White Enchantress. $8.00 per 100, $75.00 per 1000

Enchantress, White Perfection, and Winsor. $7.00 per 100, $60.00 per 1000. Send us your order at once. Call or write.

CINCINNATI NOTES.

C. E. E. C. Mitchell, Al. Horning, Wm. Schuman, Al. Heckman and R. C. Winterstaetter composed the party that are attending the convention, and will also represent Cincinnati in the bowling tournament.

Mr. and Mrs. Gus Adrian, the Misses Clara and Laura Murphy, Miss Cora Pherson, Mr. and Miss Windram composed a party that left Monday for the Snows, Mich., for a two weeks’ visit, joining Mr. Wm. Murphy and Thos. Thomas who have been camping there for the past week.

followed the florist business for many years, coming here from Germany. He was a member of the New Orleans Horticultural Society, a delegation from which attended the funeral.

James H. O’Malley. On July 27, James H. O’Malley, gardener and florist of Scranton Pa., died suddenly. He was born in Ireland 56 years ago and came to Scranton when 16. His wife, two daughters and three sons survive him.

Rudolph Forst. Rudolph Forst died at his home in Millvale, Pa., on August 3. He was a member of the firm of Wollermand & Forst, wholesale florists of Gibsonia, Pa.

Samuel C. Crissey. Samuel C. Crissey died in Fredonia, N. Y., on July 28, aged 73 years. He was for a number of years in the nursery business.

M. L. Bonham. M. L. Bonham, nurseryman and florist, Clinton, N. Y., died recently of heart trouble.
Heacock's Palms and Ferns

Home Grown, Strong, Clean and Well Established
ORDER NOW FOR FALL DELIVERY

We grow all our Kentias, above 6-in. sizes, in cedar tubs made especially for us, avoiding breakage of pots. In shipments and giving better satisfaction to our customers, and while they cost us a great deal more than pots, we sell the plants for the same money. We order these tubs by the carload. With more grass, our stock is much larger than ever before.

When in Philadelphia, call a.d. see our stock before placing your order.
20 minutes ride by rail: 100 trains every weekday; Railway Station Jenkintown.

Joseph Heacock Company's Price List

<table>
<thead>
<tr>
<th>Arecia Lucentes</th>
<th>Kentia Belmoreana</th>
<th>Kentia Forsteriana</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-in.</td>
<td>3</td>
<td>25 to 28</td>
</tr>
<tr>
<td>7-in.</td>
<td>3</td>
<td>35 to 37</td>
</tr>
<tr>
<td>8-in.</td>
<td>3</td>
<td>40 to 35</td>
</tr>
<tr>
<td>Cedar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tub Plants in tub in. each</td>
<td></td>
<td>Tub Plants in. high Each Doz.</td>
</tr>
<tr>
<td>6-in.</td>
<td></td>
<td>36 to 38</td>
</tr>
<tr>
<td>7-in.</td>
<td></td>
<td>36 to 40</td>
</tr>
<tr>
<td>8-in.</td>
<td></td>
<td>40 to 45</td>
</tr>
<tr>
<td>9-in.</td>
<td></td>
<td>45 to 50</td>
</tr>
<tr>
<td>10-in.</td>
<td></td>
<td>50 to 60</td>
</tr>
<tr>
<td>Cocos Weddeliana</td>
<td>Kentia Forsteriana</td>
<td></td>
</tr>
<tr>
<td>Pot.</td>
<td>Tub Leaves in. high Each Doz.</td>
<td></td>
</tr>
<tr>
<td>In. high</td>
<td>5-in.</td>
<td>36 to 38</td>
</tr>
<tr>
<td>24-in.</td>
<td>6-in.</td>
<td>40 to 45</td>
</tr>
<tr>
<td>16-in.</td>
<td>7-in.</td>
<td>45 to 50</td>
</tr>
<tr>
<td>12-in.</td>
<td>8-in.</td>
<td>50 to 60</td>
</tr>
<tr>
<td>Kentia Belmoreana</td>
<td></td>
<td>6-in.</td>
</tr>
<tr>
<td>Pot Leaves in. high Each Doz.</td>
<td>7-in.</td>
<td>36 to 38</td>
</tr>
<tr>
<td>24-in.</td>
<td>8-in.</td>
<td>40 to 45</td>
</tr>
<tr>
<td>18-in.</td>
<td>9-in.</td>
<td>45 to 50</td>
</tr>
<tr>
<td>12-in.</td>
<td>10-in.</td>
<td>50 to 60</td>
</tr>
<tr>
<td>8-in.</td>
<td>11-in.</td>
<td>60 to 65</td>
</tr>
</tbody>
</table>

Cribotium Schiedei

<table>
<thead>
<tr>
<th>Cedar</th>
<th>Tub Spread</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-in.</td>
<td>4 to 6 in.</td>
<td>$1.00 to $2.00</td>
</tr>
<tr>
<td>5-in.</td>
<td>6 to 8 in.</td>
<td>2.00 to 3.00</td>
</tr>
<tr>
<td>6-in.</td>
<td>8 to 10 in.</td>
<td>3.00 to 4.00</td>
</tr>
</tbody>
</table>

Joseph Heacock Company,

Wyncote, Pa. Railway Station, Jenkintown.

ORCHIDS

Greatest quantity and variety in the country. Established and freely imported. Also material in which to grow them.
Write for special list and catalogue.

LAGER & HURRELL, SUMMIT N. J.

ORCHIDS

Largest Importers, Exporters, Growers and Hybrids in the World
SANDER. St. Alban's, England and 258 Broadway, Room 721 NEW YORK CITY

ORCHIDS

PLANTS and FLOWERS always on hand
ORDONEZ BROS.
Madison, New Jersey

ROEHRS

Orchids, Azaleas, Palms, Lorraines, Crotons

RUTHERFORD, N. J.
LORRAINE BEGONIAS

Strong 2½ in. stock, ready for 3½ in.
Per 100, $15.00; 250 at $14.00 per 100.

THOMAS ROLAND, Nahant, Mass.

WASHINGTON NOTES.
The roses at the National Capital have been better this summer than ever before owing to the fact that some of the larger growers have devoted several houses to summer stock exclusively. American Beauties, off new plants, have been coming in fine shape since the first of August and supply, well equal to the demand for all ordinary purposes. "My Maryland," "Enchanter," "Kaiserman," "Killer," "Bridesmaid," and "Tay Son" are in good form for this season of the year. Variations have been fairly plentiful and really good considering the terrible heat, but now the larger growers are throwing them out to make room for the outdoor plants. China asters are doing better this year than ever before. They are being grown to single stem two and three feet long with four-inch flowers. They are filling in the space until chrysanthemum time a few weeks hence.

Mr. Otto C. Oehmker, secretary of the Washington Florists' Club, is spending the month with Mrs. Oehmker and their child, at Colonial Beach, Md. Mr. and Mrs. Sop. and Sop. and the Oehmker family, all furnished practically all the cut flowers and decorative plants used in connection with the entertainments tendered Admiral Conant Togo of the Japanese Navy during his recent visit to Washington.

Superintendent Lanham who has charge of the trees and parkings of this house reports that as a result of a successful war against the eucalyptus and the tussock moth, the 100,000 shade trees of Washington are in better condition this year than ever before. This year a 450 gallon sprinkler, loaded with arsenate of lead, was brought into operation, with excellent results.

Edward M. Harris, Sr., and Prof. George M. Perdew, both of Cumberland, Md., last year discovered a new species of goldenrod growing in the vicinity of "Devil's Slide," near Cumberland, and for this Mr. Harris has been honored by having the plant named after him—Solidago Harrisii. This plant grows and blooms much earlier than the ordinary goldenrod but it usually attains a growth of only one foot, CLARENCE L. LINZ.

PERSONAL.

Frank Hill, gardener to F. A. Sayles, Pawtucket, R. I., is very proud of the fine conifers that adorn this fine place and which by care in planting have survived this dry season. His method is to fill each hole about one-half with soil and puddle well around the roots giving plenty of water, then finish with top soil. By following this plan he has not lost one tree.

Having failed in her mission to find his husband, Cashin A. Abele, who came to Washington a month ago to establish a fruit business, Mrs. Jennie Abele is again at her home in Flatbush, N. Y. With her six-week-old baby she returned to New York yesterday afternoon. According to the story she told the police, her husband, after selling his greenhouse on Long Island, left her there when her baby was six weeks old, saying he was going to Washington. He had with him, she said, nearly $2000. The police are using a search for Abele—Washington Times.
BOBBINK & ATKINS

WORLD'S CHOICEST FLORIST AND NURSERY PRODUCTS.

We are growing in our greenhouses and in our 250 acre nursery a large variety of material constantly in demand by florists. Our Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

B. & A. SPECIALTIES.

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill station is the second stop on Main Line of Erie Railroad.

Nurserymen and Florists

Rutherford, N. J.

American Grown Roses

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis

Evergreens.

Write for Trade List. W. & T. SMITH CO. General, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK

WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS A GENERAL ASSORTMENT OF

Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our Illustrated and descriptive Catalogue for the mailing.


Box Trees

and other EVERGREENS for Tub and Boxes

Our Prices are Always Right—Catalog Free.

THE NEW ENGLAND NURSERIES, Inc.

BEDFORD, MASS.

DIRECT IMPORTATIONS

Bay Trees, Kienlis, Azaleas, Valley Pips, Mass., Rhododendrons, Boxwood, Manetii, Evergreens, Jap. Lilies, Raffis, etc., etc.

Nursery stock from France, Holland, England and Japan.

McElvain & Co. 17 Murray St.

New York, N. Y.

HOLLAND NURSERIES

Best Hardy Rhododendrons, Azaleas, Conifers, Clematis, H. P. Roses, Shrubs, and Herbaceous Plants.

P. Ouiwerkerk, 524 East St., Washington N. H. 7, D. & M. DeJong, H. M.

BALTIMORE NOTES.

It is planned to increase the gardens at the new home of the Johns Hopkins University and to build an additional greenhouse. The garden was laid out some three years ago by Mr. William H. Witte, the superintendent, and under his direction it has been enlarged from time to time. It was established primarily for purposes of botanical research work in connection with the University, but it is open to the public. For the benefit of the latter, every plant, tree and bush is labeled and entered in a catalogue, a copy of which is given to those who may be interested.

Mr. Louis C. C. Krieger, well known to florists throughout the country by reason of his work for the United States Agricultural Department, is visiting in this city. Mr. Krieger who is an artist, is at present located in Cambridge, Mass., where he is engaged in illustrating the work on the cryptogamic flora of the United States which is being prepared by Dr. W. G. Farlow, the famous Harvard botanist.

The other day I visited a small town not far from New York to see what business might be done. I concluded to visit the oldest establishment first and when I arrived there an old disgrunted disbuddler came out of the house, cleaning his teeth via the vacuum method; said he had bought for 20 years from one house and calculated they were good enough for him, besides he used Callas since the Harrisii had gone wrong. I asked him if any other florist in town grew bulbs and he said there was only one other and he was a young snip who knew nothing about the business, and used no lilies that he knew of. So of course, I knew the young fellow must be of some account since the old man had belittled him. Sure enough, I found the young fellow up and busy. He had more business about him in a minute than the old man in a day and after a five minute conversation he bought what he needed and went about his work. Before I left I asked him about the old man and was told that he was a reliable man who bought some bulbs and was advised to see him. I thought to myself what a difference in humanity and between the old and the young in business, but said nothing. The old fellow is a throw-back from the Black Ages—and will never amount to a row of pins. The Good Shepherd knows we don't want any Horseshoe Brand boxes around his back yard, but the younger man we want and we will keep his trade for he is worthy of respect and business confidence.—Ward.
During Recess

Michell Co.'s Outing.

The Henry F. Michell Company gave their employees and friends the first annual outing and athletic meet on Saturday, August 12th.

Four special trolley cars were engaged to convey the party to the Hy-crest Gardens, at Andalusia, Pa., where the outing was held. Upon arriving at the Gardens the officials took photographs were taken, after which the entire party passed over 200 marched to the flagpole to take part in the flag raising, and with uncovered heads sang the National Anthem.

Athletic contests were next on the list. Young and old men and women took part. Much amusement was afforded by the various races and other contests.

To end the sports a baseball game was played by the representative teams of Henry A. Dreer and Henry F. Michell. This was the most exciting part of the day's program.

The game was nip and tuck up to the seventh inning, when the Michell boys got in their usual batting rally and scored 5 runs in one inning, making it a walk-over of the easiest kind, the final score being 19 to 2.

Score by innings as follows:

<table>
<thead>
<tr>
<th>Innings</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dreer</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>5</td>
<td>0</td>
<td>4</td>
<td>14</td>
</tr>
<tr>
<td>Michell</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>6</td>
<td>0</td>
<td>5</td>
<td>17</td>
</tr>
</tbody>
</table>

After the game refreshments were served on the lawn and needless to say everybody did justice to the eatables. Then, to wind up the festivities, the young people enjoyed themselves at the dance which was given in the spacious new building which will be used as a storeroom this fall.

At eight o'clock the outing was brought to a close and all went home extremely tired and well satisfied that they had had the time of their lives.

The firm has one open date this season, which is September 4th, and would like to arrange a game with one of the out-of-town seed houses preferably New York or Boston, for the inter-city seed championship.

New York vs. Astoria.

On Friday evening, Aug. 11, these two teams met on Thum's alley, New York, with the following results, Astoria winning all four games:

<table>
<thead>
<tr>
<th>Team</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astoria</td>
<td>15-12</td>
</tr>
<tr>
<td>New York</td>
<td>13-11</td>
</tr>
</tbody>
</table>

Seed Trade

A dispatch from Los Angeles, dated Aug. 8th, indicates that sweet peas are less than half a crop.

Madison, Wis.—The L. L. Olds Seed Co. has filed an amendment increasing its capital from $50,000 to $100,000.

Grand Junction, Colo.—W. I. Burgess, formerly of Forkston, Pa., has purchased the interest of W. Rozelle in the Grand Junction Seed Co. It is intended to increase facilities and enlarge the business.

DETROIT NOTES.

George Brown was twice smiled upon by Dame Fortune last week. On Monday he was re-elected president of the local club. A couple of days later a bouncing little boy arrived at his place.

J. F. Sullivan also is congratulated by the boys, his faithful wife having gone through several operations and arrived at a stage where complete recovery is certain. The boys persuaded him to take the vice-presidency.

Louis Charvatte, the young hustler, is rejoicing over completing and planting three fine new houses.

South Framingham, Mass.—The property of Lemone Bros. has been sold to a syndicate.

FOLLER-Fiske-Pawson Co.

FAMOUS HALL SQUARE

First Arrival

PAPER WHITE NARCISSES

and

WHITE ROMANS

Every Day at

BOSTON

Rex's Delivery

Burpee's Seeds

PHILADELPHIA

Blue List of Wholesale Prices mailed only to those who plant for profit.

COLDWELL LAWN MOWERS

Hand—Horse—Motor

Known All Over the World

Catalogue on Request.

NEWBURGH, N. Y.

CELEBR PLANTS

Here 100,000 celery plants, Varletts, Golden Self Blanching, Woolley Beauty, Vulcan, Henderson, Eberle, Art's Green, Shoemaker's Green, Improved White Winter King, Magnificent. All singly rooted.

WARREN SHINN, Nurseryman

WOODBURY, N. J.
MICHELL'S
Colossal Mignonette

The seed we offer is greenhouse grown, picked from specimen spikes only, and from a strain which has no superior in this country.

Fresh seeds ready now
Trade Packet, 40c $3.00 per oz.

WHOLESALE FALL CATALOGUE READY NOW
HENRY F. MICHELL CO.
518 MARKET STREET
PHILADELPHIA

Choice Seeds
For Gardeners, Truckers and Plant Growers
Long Island Cabbage Seed, Cauliflower, Egg, Pepper, Tomato, etc.

Francis Brill
GROWER and DEALER
Hempstead, L. I.
NEW YORK

LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO

Turnip Seed Beans
for immediate delivery
SEED GROWERS AND DEALERS

Florists and Seedsmen Sell Your Own Scratch or Poultry Food
We will make it for you under your own brand for $26.00 PER TON
Send today for sample 100 lb. bag, $3.00. Mr. C. E. Jennings of Atlantic Co., N. J., on Oct. 24, 1910, writes as follows:—I want to state that your third grade of Poultry Food, Chick Starter, Developing Food and "Square Deal" Scratch or Poultry Food stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle.

J. BOLGIANO & SON,
Importers and Wholesalers. Established for 92 Years.
Baltimore, MD.

CAULIFLOWER SEED
Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas,
Growers for the Wholesale Trade Only.
SAN JOSE, CALIF.

Thorburn's Seeds
Asparagus Plimusus Nanus
New Crop Just Received
We offer white unsold as follows:
1,000 seeds $2.00
5,000 seeds and up @ $1.50 per 1,000
10,000 seeds and up @ .90 per 1,000
50,000 seeds and up @ .75 per 1,000

Cold Storage Lily of the Valley Pips
HIGHEST GRADE
Cases of 1000 pips @ $15.00 per case
Cases of 3000 pips @ $45.00 per case

J. M. THORBURN & CO.
35 Barclay Street
NEW YORK

BRIDGMAN'S SEED WAREHOUSE
RICKARDS BROS.
Props.
37 East 19th St., NEW YORK CITY

Sphagnum Moss
In Burlap Bales; per bale $3.00, 6 bales for $18.00, 10 bales for $25.00. Larger Lots at Lower Prices.

The W. W. Barnard Co.
108-110 W. Kinzie St., CHICAGO
Horticulture

JOHN BREITMEYER'S

Cor. Miami and Gratiot Aves.
DETROIT, MICH.

Artistic Designs . . .
High Grade Cut Blooms
We cover all Michigan points and good
sections of Ohio, Indiana and Canada.

WILLIAM J. SMYTH
FLORIST
Cor. Michigan Ave. and 31st St., CHICAGO
We ship to all points in Illinois and Iowa.
Phones: Aline 880, Aline 891, Aline 882.

SAMUEL MURRAY
Kansas City, Mo. 913 Grand Ave.
All Orders Given Prompt and Careful Attention
WASHINGTON, D. C.

GUDE'S
The Far-Famed Flowers of
TORONTO
Delivered on mail or telegraph order for
any occasion, in any part of the Dominion.
JOHN H. DUNLOP
96 Yonge St., - - Toronto, Ont.

The Park Floral Co.
J. A. VALENTINE
Pres.

DENVER, COLORADO

WILLIAM L. ROCK
FLOWER CO.
Kansas City, - - Mo.
will carefully execute orders for Kansas
City and any town in Missouri or Kansas.

W. J. Palmer & Son
304 Main Street, Buffalo, N. Y.
Members Florists' Telegraph Assn.

ALBANY, N. Y.

EYRES
Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
11 NORTH PEARL ST., ALBANY, N. Y.

CHICAGO NOTES.
Live Florists in a Live Town.
Jas. G. Hancock of F. Oechslin's, re-
turned from a week's vacation Sunday.
While in Grand Rapids, Mich., he
found Henry Smith building four
greenhouses 30x150 ft., with
concrete walls and pecky cypress
benches.
Will Hanna of the Grand Rapids
Floral Co. is preparing to build two
houses 30x150 ft. this fall, to be
used for forcing vegetables.
Crab and Hunter of Grand Rapids,
Mich., are rapidly taking down their
houses on the Grand Trunk Ave., since
recently purchased by the city for a
play ground and moving them to the
Reed's Lake place. Eli Cross has an
exceptionally fine stock of chrysan-
themums, violets, carnations and
roses.
Mr. Hancock met many old friends
at the joint meeting of the Mich.
State Horticultural Society and Grand
River Valley Horticultural Society
which met at the residence of Henry
Smith, Grand Rapids, on Saturday,

STEAMER DEPARTURES
American.
New York, N. Y., South Hampton, Aug. 26
Anchor.
Camden, N. Y., Augusta, Aug. 26
Atlantic Transport.
Minneapolis, N. Y., London, Aug. 26
Cunard.
Francoina, Boston, Liverpool, Aug. 22
Maurierina, New York, Liverpool, Aug. 25
Saxonia, N. Y., Meditteranea'n, Aug. 24
Carolina, N. Y., Liverpool, Aug. 26
Hamburg-American.
Pennsylvania, N. Y., Hamburg, Aug. 24
Holland-America.
Rotterdam, N. Y., Rotterdam, Aug. 22
New Amsterdam, N. Y., London, Aug. 29
Leyland.
Winifredia, Boston, Liverpool, Aug. 26
North German Lloyd.
Kron, Ccuclle, N. Y., St. Benn, Aug. 22
Koenig, Albert, N. Y., Meditteranea'n, Aug. 26
K. W. der Kronprinz, N. Y., Bremen, Aug. 29
Red Star.
Finland, N. Y., Antwerp, Aug. 26
White Star.
Halic, N. Y., Liverpool, Aug. 26
Majestic, N. Y., Southampton, Aug. 26
Zeelandia, Boston, Liverpool, Aug. 26

Aug. 12th. It was known as the
Sumner Orchard Meeting and the fine
orchards for which that vicinity is
noted were visited. Some interesting
papers on live topics were read and
discussed. The attendance was large
about two hundred, a large number of
florists being present. A substantial
lunch was served by their host.

Trade Jottings.
E. H. Hunt's force are busy in the
supply department getting ready for
the fall trips.
C. N. Dickinson is expected back
this week and fall business will be
under way.

Two more automobiles are to be added
to the long line now owned by flor-
ists in this vicinity. John Pochmann
has a new Winton touring car with
six cylinders and built to carry seven
passengers, and Adolph will soon have
a similar one.

The Chicago Carnation Co., has
found it possible to so care for their
old carnation plants that a good qual-

ALEX. McCONNELL
571 FIFTH AVENUE
NEW YORK CITY

Telegraph orders forwarded to any
part of the United States, Canada, and all
principal cities of Europe. Orders
transferred or intrusted by the trade to
selection for delivery on steamships or
elsewhere receive special attention.

Telephone Calls, 487 and 488 Murray Hill
Cable Address, ALEXCONNEL.

NEW YORK
Orders for Steamer, Theatre, Hotel, or
Residence Carefully Packed.

Wm. H. LONG
412 Columbus Ave.

DAVID CLARKE'S SONS
Deliver orders from any part of the country to
New York City
Or OUT-GOING STEAMERS
Write or telegraph
2139-2141 Broadway, New York
Telephone 2358-2359 Columbus

DARDS
FLORIST
N. E. Cor. 44 St. & Madison Avenue, N. Y. City
Flowers shipped on all Steamer, Special Correspond-
ence is in all, the largest in New York and the British
Colonies. Telegraph and Cable address, Dardapier

YOUNG & NUGENT
42 West 28 St., NEW YORK
"FLOWERS BY TELEGRAPH".

Flower Deliveries
In Brooklyn and other Long Island Points,
New York City, New Jersey, etc.
Theatres, Hotels, Steamer or Residences.

WILSON
Fulton St. and Greene Ave., Brooklyn, N. Y.

MATTHEWS
The
FLORIST
DAYTON, OHIO.

In elegantly equipped to take care propor-
tionally of all orders for flowers entrusted
to him night or day.

For Dayton, Ohio and Vicinity

THE HOME OF FLOWERS
The largest ext flower store in America.
Orders for the TWINS CITIES and for all
Northwestern points gives prompt at-
tention.

HOLM & OLSON, incorporated
ST. PAUL, MINN.

BOSTON'S BEST
In Quality and Design
Can be relied upon when you transfer your
retail orders to

EDWARD MACMULKIN
194 Boylston Street, Boston

LOUISVILLE, KY.
JACOB SCHULZ,
580 South Fourth Ave.
IN MID-SUMMER

Yes, it is now mid-summer. For a few weeks to come you will have to be wide-awake to catch the little chunks of business that occasionally materialize in this low-tide period.

LET US HELP YOU

Whether mid-summer or any other season we are always "on our job" and can give you more and better goods than you can get for your money anywhere else. Our H. Bayerdorfer's novelty purchases in Europe this summer are beginning to arrive. "Are you on?" Write us a line and we'll send you a list. At some time try a few of our Preserved Natural Ferns, Magnolia and Cycas Leaves, etc. They never wilt. [Once tried always wanted.]

H. BAYERDORFER & CO.,
1129 ARCH STREET,
PHILADELPHIA, PA.

NOTICE!

A Good Retail Flower Business For Sale

This is a good opportunity for a young man wishing to go into business. It is not one that will enable a man to buy a fancy car the first year, but is in good shape and the right party can be convinced to his satisfaction. A Catholic man preferred.

Address F. S., care of "Horticulture"

Auction Sale of Stalls

The 8th annual sale will take place Saturday, Sept. 2, 1911. All interested are requested to attend same.

Boston Co-Operative Flower Market
2 Park Street, Boston, Mass.

"FLOWERS BY TELEGRAPH."
Leading Retail Florists Listed by Towns for Ready Reference.

Albany, N. Y.—H. G. Kyres, 11 N. Pearl St.
Boston—Thos. F. Galvin, 124 Tremont St.
Brooklyn—Ed. Maciulka, 394 Boylston St.
Boston Julius A. Zinn, 1 Park St.
Buffalo, N. Y.—Palmer's 304 Main St.
Chicago—William J. Smyth, Michigan Ave. and 31st St.
Dayton, O.—Matthews, The Florist.
Detroit—Col. Park Floral Co., 1543 E.way.
Duluth, Minn.—J. Bredemeyer's Sons.
Duluth, Minn.—Garratt & Hovey.
Evanston, Ill.—Samuel Murray, 912 Grover Ave.
Kansas City, Mo.—Samuel Murray, 912 Grover Ave.
Louisville, Ky.—Jacob Schultz, 550 South Fourth Ave.
New York—David Clarke's Sons, 2135 Broadway.
New York—Young & Nusent, 42 W. 58th.
St. Paul, Minn.—Holm & Olson.
Tokyo, Can.—T. H. Daniels, 100 Yonge St.
Washington, D. C.—United Bros., 1214 F St.
Wellesley, Mass.—Talbby.

Somerville, Mass.—The Davis Square Florists, 10 Central building will move into larger quarters at 10 Medina building Sept. 1.
Field Grown Carnation Plants

The plants we are offering are all in splendid condition. Order them now, even if you are not yet ready for them, we will reserve them for you. It is by offering better plants—not cheaper—that we are able to hold and constantly increase our plant business.

---

**The Leo Niessen Co.**
Wholesale Florists
1209 Arch Street, PHILADELPHIA, PA.

---

**THE BEST LETTERS FOR FLORIST'S USE MADE BY THE**
Boston Florist Letter Co
64 Pearl St., Boston
N. P. McCarthy, Mgr.
Order direct or buy from your local supply dealer. Instal on having the BOSTON Inscriptions, Emblems, etc. Always in Stock.

---

**CUT FLOWER BOXES EDWARDS FOLDING BOX CO MANUFACTURERS PHILADELPHIA, PA.**

---

**PETER REINBERG**
**WHOLESALE CUT FLOWERS**
37 Randolph St., Chicago, Ill.
**POEHLMANN BROS. CO.**
33-35-37 Randolph St., CHICAGO
**CUT FLOWERS**
Greenhouses, Morton Grove, Ill.
George B. Hart
WHOLESALE FLORIST
24 Stone St., Rochester, N.Y.
The J. M. McGuffin's Sons Co.
WHOLESALE COMMISSION FLORISTS

---

**WELCH BROS.**
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPREME ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS FIRST PRODUCED
226 Devonshire Street, BOSTON, MASS.
Flower Market Reports.

The condition of the Boston market both as regards sowing and quality of flowers does not shape up as well as usual at this time of year. Hot weather... the cry and apology for bad condition of the stock. There are plenty of small roses but they are hard to move, even the street fair fighting shy of them. Good roses sell well when they can be had. Carnations are not even seen in the market while asters are not as plentiful as other years and those that do come in are not up to standard due to causes already stated. Gladioli are plentiful as are also lily of the valley.

For the past two weeks Buffalo trade has been irregular, at times not enough of a certain line could be obtained and at other times too many. Home grown gladioli are now had in quantity, and some choice Americas, May and Augusta are had. There being too many of the ordinary mixed varieties they have dragged along to some extent. Asters of the late varieties are making their appearance, though not in large quantities. There are plenty of roses mostly short, and select stock sells rapidly. Lily of the Valley has been in good demand, and excellent stock to be had. Plenty of greens.

A normal August condition prevails, with the exception that an unlimited supply of gladioli is flooding the market. All kinds are sharing the same fate some days, while the best varieties are of course sold first when there can be said to be any demand. On Saturday, August 12, a large lot of the choicest kinds sold at ridiculously low prices, one wholesaler reporting a sale of 2000 of his best stock at 25 cents each. Roses from new plants are not very large, but otherwise quality is excellent. Carnations from the field are short and full of buds, but help out when this flower is needed. Some very good blooms are still being cut from old stock. The supply of lilies is still larger than can be handled to advantage. Asters are now coming on fairly long stems, and though not specially large are fair in size. Among the most unusual are those seen celosia in several varieties, Plenty of green is to be had and is fully appreciated by those who try for seasonable window decorations.

BUSINESS for the week in CINCINNATI ending August 12th was fairly satisfactory. All kinds of flowers were to be had in quantity. The supply of Beauties is in excess of present requirements, while the quality was never better for this time of the year. Tea roses too are of very good quality and are reported to be too heavy to realize anywhere near quoted price, the greater part of the sales being made via the job lot route. A plentiful assortment of Enchantresses and white Enchantress with a fair bloom and stem, cut from old stock, are still coming in and sell readily. Carnations from the field are more slowly, gladioli are coming in unlimited numbers, the better grades bringing a fair price while the poorer ones drag, a good many from an outlet by way of the ash barrel. Good asters are few and far between, while the market is well supplied with mediums of poor quality. Lilium Longiflorum and Auratum are in fair supply and clean up nicely. The receipts of green goods are ample for all requirements.

---

S. S. PENNOCK-MEHEAN CO.
THE WHOLESALE FLORISTS OF PHILADELPHIA

NEW YORK - PHILADELPHIA - WASHINGTON

WHOLESALE FLOWER MARKETS.—TRADE PRICES—Per 100 TO DEALERS ONLY

<table>
<thead>
<tr>
<th>ROSES</th>
<th>CINCINNATI</th>
<th>DETROIT</th>
<th>BUFFALO</th>
<th>PITTSBURG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Am. Beauty, fan., &amp; Sp.</td>
<td>15.00</td>
<td>10.00</td>
<td>15.00</td>
<td>10.00</td>
</tr>
<tr>
<td>&quot; &quot;</td>
<td>10.00</td>
<td>15.00</td>
<td>10.00</td>
<td>15.00</td>
</tr>
<tr>
<td>&quot; &quot;</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>&quot; &quot;</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>&quot; &quot;</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>&quot; &quot;</td>
<td>1.50</td>
<td>1.50</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>CARNACTIONS, First Quality</td>
<td>50.00</td>
<td>50.00</td>
<td>50.00</td>
<td>50.00</td>
</tr>
<tr>
<td>Ordinary</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

MISCELLANEOUS

- Cuttings
- Lilies, Longiflorum
- Gladioli
- Stocks
- Asters
- Dahlias
- Snapdragon
- Sweet Pea
- Gardenias
- Azaleas
- Asparagus Plumosus, strips (10)
Horticulture

P. J. Smith
Successor to John L. Raynor
Wholesale Commission Florist

selling agent for

LARGEST GROWERS

a full line of choice cut flower stock for all purposes.

The home of the lily

by the 100, 1000 or 10,000

Tfel. 1908 Madison Square 49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in

Choice Cut Flowers

135 West 28th Street, New York
Telephone: 2933-2934 Madison Square

NEW YORK QUOTATIONS PER 100, To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th></th>
<th>Last Half of Week</th>
<th>First Half of Week</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ending Aug. 12</td>
<td>beginning Aug. 14</td>
</tr>
<tr>
<td>American Beauty, Fancy and Special...</td>
<td>13.00 to 20.00</td>
<td>13.00 to 21.00</td>
</tr>
<tr>
<td>Extra...</td>
<td>12.00 to 19.00</td>
<td>12.00 to 19.00</td>
</tr>
<tr>
<td>No. 1...</td>
<td>11.00 to 18.00</td>
<td>11.00 to 18.00</td>
</tr>
<tr>
<td>Lower Grades...</td>
<td>10.00 to 17.00</td>
<td>10.00 to 17.00</td>
</tr>
<tr>
<td>Richmond, Chatam, Extra and Special...</td>
<td>9.00 to 16.00</td>
<td>9.00 to 16.00</td>
</tr>
<tr>
<td>Lower Grades...</td>
<td>8.00 to 15.00</td>
<td>8.00 to 15.00</td>
</tr>
<tr>
<td>Killarney, My Maryland, Extra and Special...</td>
<td>7.00 to 14.00</td>
<td>7.00 to 14.00</td>
</tr>
<tr>
<td>Lower Grades...</td>
<td>6.00 to 13.00</td>
<td>6.00 to 13.00</td>
</tr>
<tr>
<td>Bride, 'Twill...</td>
<td>5.00 to 12.00</td>
<td>5.00 to 12.00</td>
</tr>
<tr>
<td>Kalserin, Carnel, Tul...</td>
<td>4.00 to 11.00</td>
<td>4.00 to 11.00</td>
</tr>
<tr>
<td>Carnations, True Quality...</td>
<td>3.50 to 10.50</td>
<td>3.50 to 10.50</td>
</tr>
<tr>
<td>Ordinary...</td>
<td>2.50 to 9.50</td>
<td>2.50 to 9.50</td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MEYER, Inc.

WHOLESALE FLORISTS

34 West 28th Street, New York

Telephone: 1065, 1066 Madison Square

CONSIGNMENTS SOLICITED

SIEBRECHT & SIEBRECHT

Wholesale Florists

136 W. 28th St., New York City

Telephone: 2935 Madison Square

CONSIGNMENTS SOLICITED

Frank H. Traendly

Charles Schenck

TRAENDLY & SCHENCK

Wholesale Florists

131 West 28th St., New York

Telephone: 794 and 795 Madison Square

Consignments Solicited

CENTRALLY LOCATED, THE HUB OF THE FLOWER MARKET SECTION

CHARLES MILLANG

Wholesale Florist

55 & 57 W. 26 St., NEW YORK

Telephone: 7062 Madison

Wired Toothpicks

Manufactured by

W. J. Cowee, Berlin, N. Y.

$1.75
$0.75
$0.50
$0.25
$0.10

For sale by dealers

A. L. Young & Co.

Wholesale Florists

Choice Cut Flowers

54 West 28th St., New York

Consignment Solicited

FRANK MILLANG

Wholesale Florist

55-57 West 26th St., NEW YORK

Shipments, any quantity, Wholesale Market Rates.

ROBERT J. DYSART

Public Accountant and Auditor

Simple methods of correct accounting especially adapted for Florists use.

Books Balanced and Adjusted

Merchants Bank Building

28 State St., BOSTON

Phone, Main 55.
Flower Market Reports
(Continued from page 28)
the advantage of all. Asters are also coming in their best, and while still their inferior quality as compared to former seasons ought to give Glad-oli a better show than last year. Many retailers are reporting the sending of small stock to customers in many parts of the States by this date we have fine Crego's and Vick's Upright and Branching but none of these have materialized so far. Even the Roses are selling at cheap prices. Low prices prevail. Gladioli have also diminished in volume, and while they sell fairly well the prices are anything but satisfactory. In the house market the American Beauty is still by far the best value. Some very superior stock is coming in from the cooler climate of down east as well as to size and stem and excellent deep color. Still, even these feel the effect of the sluggish market, and are not going out any too briskly. Friends are pretty good; so are Kilarneys. It is rather a remarkable thing that pink roses are going off better than white while it is mid-August when there is little going on except memorial work. But so it is. White roses have been very sluggish for the week. There are not so many white Killarneys but there are plenty of good Kaizermans. Practically nothing doing in carnations. We used to have some good outside flowers about five. This seems to have been abandoned and appears to be a mistake on the part of the growers. Orchids are off crop and there is great difficulty buying what few orders are coming in. Lily of the Valley, Gardenias, and Easter Lilies are in fair demand and are of excellent quality. Forns and all kinds of greens (too plentiful. The wholesale market St. Louis as well as the retail market is rather dull just now. The market is crowded with all kinds of stock and a great deal is going to waste for want of demand. Carnations are still small and short-stemmed. A correct price on as- ters is hard to get, as any old price will buy. A few hundred gladioli and single tuberous stalks are in the same boat. The hot weather has returned and the business seems duller than ever. The retailers say that only funeral work keeps them alive no- wadays. The market is also over-crowd- ed with a lot of small out-door stock which is hard to dispose of at any price, this state of affairs, plenty of stock and no business is likely to continue throughout the month.

PHILADELPHIA NOTES.
Mr. Strohlein of Dreer's is now in Europe. He left August 8th on the Kaiser Wilhelm II. Expected back home end of September.

B. Eschner and a corps of able as- sistant did themselves proud at the convention of the Philadelphia supply house, M. Rice & Co.

The sympathy of the trade is with Frank L. Politte—suffering from a broken shoulder. The accident occurred July 25th, at a children's picnic. Mr. Politte broke the fall for some children, in a swing which proved insecure; but in doing so got the worst of it himself. On the 14th inst. he was reported to be on the mend all right.

Clarence Seidewitz, of the Leo Niessen Co., has returned from his vacation at Wildwood, N. J., and Bucks Co., Pa., looking invigorated and fit. Mr. Wat- son has had some bad spells in recent years. Fine instruments are easily deranged, unless they get exquisite care. The tuneful little fiddle is in tune again. Glory boy.

"Mac," an unknown correspondent of one of our more or less esteemed contemporaries says the "Bard of Phi- ladelphia" (whoever he may be), made a sermon on locality and cabbage! On the contrary, one writer talked of locality and brains. Who ever heard of brains? And as for the "Bard of Philadelphia"—our dear friend Wm. K. Harris went to his last reward in 1916—and he has had no successor. He never had a rival. If "Mac" can't distinguish the difference between brains and cabbage, he is a fit subject for Dr. Wiley. Or, shall we leave him to the tender mercies of McCabe! The "Mac's" seem to be in the Dutch class this August.

Arthur Niessen and Clarence Wat- son represented the Leo Niessen Co. at the Baltimore convention. Glass manufacturers and dealers are still bewailing low prices. This amusing card emanating from the office of E. H. Flood greets us in the mails the other morning, and shows clearly the state of mind they are in at present:

"Count that day lost Whose low difference runs wire."

"And business done for fun."

They all want prices to go up to the bow-wows, and that there are no profits in the business any more. And you may go back, as Tom Daly says—"You may go back, they make the talk wild fanciful adorn."

By all means let us have higher prices for glass; then we won't build so much and maybe there will be less com- petition for the cut flower market.


INCORPORATED.

Ashtabula, O.—The Tong & Weeks Co., capital stock $20,000. This is a consolidation of Ashtabula Green- houses Co. and Tong & Weeks. H. Tong will take charge of the green- houses and De Forest Weeks will take charge of the store.
Buyer’s Directory and Ready Reference Guide

Advertisements under this head, one-cent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Buyers failing to find what they want in this list will confer a favor by writing us and we will try to put them in communication with reliable dealers.

ACCOUNTANT
R. J. Dyar, 28 State St., Boston.
For page see List of Advertisers.

AMPELOPSIS
AMPELOPSIS VEITCHII.
Strong seedlings.
50c per doz. $1.00 per 1000 prepaid.
P. Pearson, 5722 Garrison St., Chicago.

ARAUCARIAS
For page see List of Advertisers.

A. W. Robins, 1012 Ontario St., Phila.
For page see List of Advertisers.

ASHES
Patrick Grace, Brighton, Mass.
For page see List of Advertisers.

ASPARAGUS
For page see List of Advertisers.

A. N. Pearson, Inc., Cromwell, Conn. For page see List of Advertisers.

Asparagus Sprengerii, large 4-inch, $1.50 per doz., $10.00 per 100.

Asparagus plumosus, $3.00 per 100.
Asparagus Sprengerii, 26-in., $2.00 per 100.
Cash. John Bauscher, Jr., Freeport, Ill.

Asparagus Sprengerii—Strong 3-in. plants good growth, $4.50 per doz.
Cash. O. B. K errick, 52 Alexander Ave., Belmont, Mass.

ASTER SEED
Elmer D. Smith, Adrian, Mich.
For page see List of Advertisers.

AZALEAS
P. Ouerkerk, Hohocks, N. J.
For page see List of Advertisers.

For page see List of Advertisers.

Loechner & Co., New York, N. Y.
For page see List of Advertisers.

BAY TREES
For page see List of Advertisers.

Bay Trees and Box Trees, all sizes
Write for special List.
Julius Roehrs, Rutherford, N. J.

BEGONIAS
For page see List of Advertisers.

Thomas Roland, Nahant, Mass.
Lorraine Beaudoin.
For page see List of Advertisers.

BOILERS
Kroeschei Bros. Co., 460 Erie St., Chicago.
For page see List of Advertisers.

BOUVARDIAS
15,000 Bouvardias (single). Good strong 24-in. pink, white, and red, $2.50 per 100; $22.50 per 1000. Cash please. Morel Bros., 625 E. Market St., Scranton, Pa.

BOXWOOD TREES
For page see List of Advertisers.

Bobbik & Atkins, Rutherford, N. J.
For page see List of Advertisers.

BOXYWOOD TREES—Continued
For page see List of Advertisers.

Julius Roehrs, Rutherford, N. J.
Box Trees all sizes. Ask for special list.

BULBS AND TUBERS
Joseph Brock & Sons, 47-54 N. Market St., Boston.
For page see List of Advertisers.

J. M. Thorburn & Co., 33 Barclay St., N. Y.
For page see List of Advertisers.

T. J. Grey & Co., 32 and 33 So. Market St., Boston.
For page see List of Advertisers.

Ricardes Bros., 57 East 19th St., New York.
For page see List of Advertisers.

For page see List of Advertisers.

T. J. Grey & Co., 32 and 33 So. Market St., Boston.
For page see List of Advertisers.

Honeymoon Brand.
For page see List of Advertisers.

James Vicks’s Sons, Rochester, N. Y.
For page see List of Advertisers.

Loechner & Co., New York, N. Y.
For page see List of Advertisers.

John Lewis & Company, Brooklyn, L. I.
Fall Bulbs.
For page see List of Advertisers.

For page see List of Advertisers.

Yokohama Nursery Co., Ltd., New York, N. Y.
Call Bulbs.

For page see List of Advertisers.

E. R. Miller, Wading River, N. Y.
Bulbs and Roots for Fall Planting.
For page see List of Advertisers.

CACTI
My choice, 25 var., $3.50; 50 var., $8.00; 100 var., $25.00; 250 var., $50.00; 1000 var., $100.00; sub-
cultivars, 20 var., $3.50; 50 var., $8.00; 100 var., $12.00; 100 in box, $4.00. Cash with order.
Donoho Greenhouse, 4149 Natural Bridge Rd., St. Louis, Mo.

CANNAS
R. Vincent, Jr. & Sons Co., White Marsh, Md.
For page see List of Advertisers.

CARNATION STAPLE
Pillsbury’s Carnation Staple, 50c. per 1000, postpaid.
L. L. Pillsbury, Galesburg, Ill.

CARNATIONS
E. H. Hunt, Chicago, III.
For page see List of Advertisers.

CARNATIONS—Grown
Wm. Elliott & Sons, N. Y. N. Y.
For page see List of Advertisers.

CARNATIONS—Field Grown
F. Dorner & Sons Co., Lafayette, Ind.
For page see List of Advertisers.

DOWNTOWN FLOWER VASES
Chicago Carnation Co., Joliet, Ill.
For page see List of Advertisers.

For page see List of Advertisers.

FIELD GROWN CARNATIONS—White
Chicago, Ill.
J. M. Hayner, Greenport, N. Y.
For page see List of Advertisers.

FIELD GROWN CARNATIONS PLANTS
Direct from the Grower.

Light Pink Enchantress... 1.00; 3.00; 7.00; 10.00
Light Rose Enchantress... 7.00; 12.00
Lavender Enchantress... 7.00; 12.00
White Enchantress... 8.00; 12.00
White Perfection... 7.00; 10.00
Sugar Plum... 7.00; 12.00
Airina... 7.00; 12.00
White Queen... 7.00; 10.00
May Day... 7.00; 12.00
Pink Delight... 7.00; 12.00
Victoria... 7.00; 12.00
Georgia... 7.00; 12.00
Afterglow... 7.00; 12.00
Winer... 6.00; 9.00
Beacon... 7.00; 10.00
Victory... 7.00; 10.00
Harlequinn... 7.00; 12.00
R. Market... 6.00; 9.00
Queen... 6.00; 9.00
Lady Bountiful... 6.00; 9.00

All of the above plants are in the condition clean, thrifty and vigorous, guaranteed in every way. If on receiving any of the above plants they are not as represented, they can be returned, and your remittance will be refunded. It pays good to grow Choirs on, they will produce twice as many blooms as the cheaper grades offered. They are ready for shipment now. Cash with order.

HOWARD P. KLEINHANS
60 Centre Square, Easton, Pa.

CINERARIAS
Cineraria, the largest flowering grown, strong stock, 2-in., $2.00 per 100. Cash please. J. W. Miller, Shreemantown, Pa.
Cineraria, best strains down, $4.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

COCOA FIBRE SOIL
20th Century Plant Food Co., New York, N. Y.
For page see List of Advertisers.

CUT FLOWER BOXES
Edwards Folding Box Co., Philadelphia.
For page see List of Advertisers.

CYCLAMENS
Cyclamen Giganteum, fimb, 5th stock, $4.50 per 100. J. W. Miller, Shreemantown, Pa.

CYCLAMENS—Varieties in different colors, 3-inch pots, strong plants, $1.00 per 100, $8.00 per 1000. JULIUS ROEHRS COMPANY, Rutherford, N. J.

For List of Advertisers See Page 288
FLORISTS' SUPPLIES—Continued
Reed & Keller, 122 W. 26th St., New York.
For page see List of Advertisers.
For page see List of Advertisers.
S. S. Pennock-Meehan, Philadelphia.
For page see List of Advertisers.

FLOWER POTS
W. H. Elliott, 214 Mechanic St., Washington, D. C.
For page see List of Advertisers.
For page see List of Advertisers.
Hueninger Bros., Ft. Edward, N. Y.
For page see List of Advertisers.
Syracuse Pottery Co., Syracuse, N. Y.
For page see List of Advertisers.
Peters & Reed Pottery Co., Zanesville, O.
For page see List of Advertisers.

FOR-GET-ME-NOTS
For-Get-Me-Not, Victoria and Royal Blue, new large plants from seed bed, 50c per 100; $2.50 per 1000. M. B. Saunders Co., 25 Burnett St., Providence, R. I.

FRUIT TREES
Dwarf Fruit Trees, by F. A. Waugh, mailed to you postpaid for 50 cents by Horticulture Publishing Co., 11 Hamilton Place, Boston.

GALAX
For page see List of Advertisers.
Kervan Co., New York.
For page see List of Advertisers.
For page see List of Advertisers.
W. M. Woodruff & Son, Lowgap, N. C.
For page see List of Advertisers.

GERANIUMS
R. Vincent, Jr. & Sons, Co., White Marsh, Md.
For page see List of Advertisers.
John Lewis Childs, Flowerfield, L. I., N. Y.
For page see List of Advertisers.
Frank Banning, Kinsman, O.
For page see List of Advertisers.
New Gladiolus, Niagara.
For page see List of Advertisers.

GLADIOLIUM
John Lewis Childs, Flowerfield, L. I., N. Y.
For page see List of Advertisers.
Frank Banning, Kinsman, O.
For page see List of Advertisers.
New Gladiolus, Niagara.
For page see List of Advertisers.
Silver Trophy and Florist Mixture Gladiolus bulbs, 10,000, large also small sizes, for sale in October. S. E. Spearer, Rondole, Mass.

GLASS
Boston Plate & Window Glass Co., Boston.
For page see List of Advertisers.
Standard Plate Glass Co., 25-30 Sutardy, N. Y.
For page see List of Advertisers.
Foley Mfg. Co., Western Ave., between 25th and 26th Sts., Chicago.
For page see List of Advertisers.
Sharp, Partridge & Co., 22d and Lumber Sts., St. Louis, Mo.
For page see List of Advertisers.
Parabelsky Bros., Inc., 59 Monroe Ave., Brooklyn, N. Y.
For page see List of Advertisers.
Metropolitan Material Co., 1392-1402 Metropolitan Ave., Brooklyn, N. Y.
Greenhouse glass, lowest prices. John-.
son Glass Co., Camden, N. J., limit.

GLAZING POINTS
Peerless Glazing Points.
For page see List of Advertisers.

GRATE BARS
Brooklyn Iron Foundry, Cambdigeport, Mass.
For page see List of Advertisers.

GREENHOUSE GLAZING PUTTY
H. H. Hunt, Chicago, Ill.
For page see List of Advertisers.

GREENHOUSE BUILDING MATERIAL
For page see List of Advertisers.
King Construction Co., N. Tonawanda, N. Y.
For page see List of Advertisers.
J. C. Monninger Co., 117 East Blackhawk St., Chicago.
For page see List of Advertisers.
For page see List of Advertisers.
S. Jacobs & Sons, 1350-63 Rushing Ave., Brooklyn, N. Y.
For page see List of Advertisers.
For page see List of Advertisers.

GREENHOUSE CONSTRUCTION
For page see List of Advertisers.
King Construction Co., N. Tonawanda, N. Y.
For page see List of Advertisers.
For page see List of Advertisers.
Hitchens & Co., 1170 Broadway, N. Y.
For page see List of Advertisers.
For page see List of Advertisers.
For page see List of Advertisers.

GUTTERS
King Construction Co., N. Tonawanda, N. Y.
For page see List of Advertisers.

HAIL INSURANCE
Flowers' Flowerhouses, E. G. Ester, South Park, N. J.
For page see List of Advertisers.

HARDY FERNs AND SUPPlIES
For page see List of Advertisers.
Michieh Cut Flower Exchange, 26 and 40 Broadway, Detroit, Mich.
For page see List of Advertisers.
The Kervan Co., New York.
For page see List of Advertisers.
For page see List of Advertisers.

HEATING APPARATUS
Kroebsch Bros., Co., 406 Erie St., Chicago.
For page see List of Advertisers.
For page see List of Advertisers.

HERBACEOUS PLANTS
P. Ouwerkerk, P. O. No. 1, Hoboken, N. J.
For page see List of Advertisers.
For page see List of Advertisers.
Bobbitt & Atkins, Rutherford, N. J.
For page see List of Advertisers.

HOSE
For page see List of Advertisers.
Reverie Rubber Co., Boston, Mass.
For page see List of Advertisers.

HOT-RED SASH
For page see List of Advertisers.
For page see List of Advertisers.
Parabelsky Bros., Brooklyn, N. Y.
For page see List of Advertisers.
Lord & Burnham Co., 1170 Broadway, N. Y.
For page see List of Advertisers.

HYDRAEGAS
For page see List of Advertisers.
ROSES—Continued

Bay State Nurseries, North Ablington, Mass. For page see List of Advertisers.


Boddington Co., Young Jansky, Dreer. Advertisers.

MeCullough’s Advertisers. Kuebler, N. W. Advertisers.


August 19, 1911

Horticulture

In writing to Advertisers kindly mention Horticulture

THE TREE RENOVATION
John T. Withers, Inc., Jersey City, N. J. For page see List of Advertisers.

VALLEY PIPS
Hjim Redfield & Co., Copenhagen, Denmark. For page see List of Advertisers.

Loechner & Co., New York, N. Y. For page see List of Advertisers.

VARIEGATED PINEAPPLES
Henry A. Patrick, Philadelphia, Pa. For page see List of Advertisers.

VENTILATING APPARATUS
Foley Mfg. Co., Chicago. For page see List of Advertisers.

The Advance Co., Richmond, Ind. For page see List of Advertisers.

WIREWORK
Reed & Keller, 122 W. 25th St., N. Y. For page see List of Advertisers.

J. Jansky, Boston, Mass. For page see List of Advertisers.

WOOD PRESERVATIVE

WHOLESALE FLORISTS
Boston
N. F. McCarthy & Co., 84 Hawley St. For page see List of Advertisers.

Welch Bros., 256 Devonshire St. For page see List of Advertisers.

H. M. Robinson & Co., 35 Province St. and 9 Chapman Pl. For page see List of Advertisers.

Buffalo, N. Y.

William F. Kasting Co., 383-87 Elliott St. For page see List of Advertisers.

Chicago
Peter Reinhart, 51 Wabash Ave. For page see List of Advertisers.

J. A. Rudlko, 37-39 Randolph St. For page see List of Advertisers.

Cincinnati, Ohio
The J. M. McCullough’s Sons Co., 516 Walnut St. For page see List of Advertisers.

Cranwell, Conn.
A. N. Pierson, Cranwell, Conn. For page see List of Advertisers.

Detroit
Michigan Cut Flower Exchange, 38 and 40 Broadway. For page see List of Advertisers.

New York

M. C. Ford, 121 W. 25th St., New York For page see List of Advertisers.

H. E. Froment, 57 W. 28th St., New York For page see List of Advertisers.

H. C. Horan, 53 W. 28th St., New York For page see List of Advertisers.

WHOLESALE FLORISTS—Continued

New York—Continued

A. H. Langhans, 55 W. 23rd St., New York, For page see List of Advertisers.

James McManus, 55 W. 28th St., New York, For page see List of Advertisers.

W. P. Sheridan, 133 W. 25th St., New York, For page see List of Advertisers.

W. N. Kuebler, 25 Willowby St., Brooklyn, N. Y. For page see List of Advertisers.

Moore, Hunt & Nash, 55 and 57 W. 29th St, New York. For page see List of Advertisers.

Greater New York Florists’ Association, 120 Livingston St., Brooklyn, N. Y. For page see List of Advertisers.

A. I. Young & Co., 54 W. 25th St., N. Y. For page see List of Advertisers.

Charles Milling, 55 and 57 West 26th St. For page see List of Advertisers.

F. J. Smith, 49 West 5th St., N. Y. For page see List of Advertisers.

Frank Milling, New York, N. Y. For page see List of Advertisers.

Treudly & Schneck, New York, N. Y. For page see List of Advertisers.

Rudiger, Hiedel & Meyer, Inc. New York For page see List of Advertisers.

A. Melts & Co., New York, N. Y. For page see List of Advertisers.

Subrett & Stierly, 276 West 28th St, New York. For page see List of Advertisers.

Philadelphia

Leo. Nissen Co., 1209 Arch St., Phila., Pa. For page see List of Advertisers.


Rochester, N. Y.

George B. Hart, 21 Stone St. For page see List of Advertisers.

New Offers in This Issue.

ANNUAL SALE OF STALLS
Boston Flower Exchange, Boston, Mass. For page see List of Advertisers.

CELERY PLANTS.
Warren Shinn, Woodbury, N. J. For page see List of Advertisers.

FIELD GROWN CARNATIONS.
A. L. Young & Co., New York, N. Y. For page see List of Advertisers.

FIELD GROWN CARNATION PLANTS.

FLOWER BUSINESS FOR SALE

MICHIEL’S COLOSSAL MIGNONETTE.
Henry F. Michiel Co., Phila., Pa. For page see List of Advertisers.

PAEONIES.
W. L. Gunn, Remington, Ind. For page see List of Advertisers.

PALMS AND FERNS.
Joseph Heacock, Wyncote, Pa. For page see List of Advertisers.

PHOENIX ROEBELI.

SALE OF STALLS.
Boston Co-operative Flower Market, Boston, Mass. For page see List of Advertisers.

SEED GROWERS
Brazilian Seed Growers, San Jose, Cal. For page see List of Advertisers.

SEEDS
T. J. Grey Co., 32 So. Market St., Boston For page see List of Advertisers.

J. Joseph B. Brock & Sons, 51 and 52 N. Market St., Boston, Mass. For page see List of Advertisers.

Ricker Bros., 37 E. 12th St., New York For page see List of Advertisers.


Arthur T. Boddington, New York Christmas and Winter Flowering Sweet Pea. For page see List of Advertisers.


Foster, Pike, Rawson Co., Boston, Mass. For page see List of Advertisers.

Leonard Seed Co., Chicago, Ill. Besana, Sweet Corn, Onions, Turnip. For page see List of Advertisers.

Wm. Elliott & Sons, New York For page see List of Advertisers.

James Vick’s Sons, Rochester, N. Y. All Lending Varieties of Seeds. For page see List of Advertisers.


The W. W. Barnard Co., Chicago, Ill. For page see List of Advertisers.

J. H. Poling & Son, Baltimore, Md. For page see List of Advertisers.

Hjalmar Hartmann & Co., Copenhagen, Denmark. For page see List of Advertisers.

Frances Frill, Hemstead, L. I., N. Y. Chives Seeds for Gardeners and Truckers. For page see List of Advertisers.

SPHAGNUM MOSS
The W. W. Barnard Co., Chicago, Ill. For page see List of Advertisers.

Live Sphagnum moss, orchid peat and orchid baskets always on hand. Lager & Harrill, Summit, N. J.

Ten pounds Sphagnum moss. $7.00. Z. K. Jewett Co., Sparta, Wis.

SPRAVERS
Chas. J. Jager Co., Boston, Mass. For page see List of Advertisers.

SUN DIALS
Patrick Grace, Brighton, Mass. For page see List of Advertisers.
<table>
<thead>
<tr>
<th>Advancement Co.</th>
<th>Page 294</th>
<th>Page 294</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aschmann, O.</td>
<td>160</td>
<td>Kervan Co.</td>
</tr>
<tr>
<td>Aspinall, C. W.</td>
<td>163</td>
<td>King</td>
</tr>
<tr>
<td>Badgerly, R. &amp; B.</td>
<td>163</td>
<td>King Bros.</td>
</tr>
<tr>
<td>&amp; Meyer, S.</td>
<td>227</td>
<td>Kirsch</td>
</tr>
<tr>
<td>Balzani, F. &amp; B.</td>
<td>163</td>
<td>Knebel, J. W.</td>
</tr>
<tr>
<td>Barnard, W. W.</td>
<td>297</td>
<td>Kniffen, W. A.</td>
</tr>
<tr>
<td>Basse, W. W.</td>
<td>163</td>
<td>Koons, C. W.</td>
</tr>
<tr>
<td>&amp; Sons</td>
<td>297</td>
<td>Kropf, A. &amp; Co.</td>
</tr>
<tr>
<td>Bay State Nurseries</td>
<td>297</td>
<td>Lachter</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&amp; Sons</td>
</tr>
<tr>
<td></td>
<td></td>
<td>259</td>
</tr>
<tr>
<td></td>
<td></td>
<td>260</td>
</tr>
<tr>
<td></td>
<td></td>
<td>261</td>
</tr>
<tr>
<td></td>
<td></td>
<td>262</td>
</tr>
<tr>
<td></td>
<td></td>
<td>263</td>
</tr>
<tr>
<td></td>
<td></td>
<td>264</td>
</tr>
<tr>
<td></td>
<td></td>
<td>265</td>
</tr>
<tr>
<td></td>
<td></td>
<td>266</td>
</tr>
<tr>
<td></td>
<td></td>
<td>267</td>
</tr>
<tr>
<td></td>
<td></td>
<td>268</td>
</tr>
<tr>
<td></td>
<td></td>
<td>269</td>
</tr>
<tr>
<td></td>
<td></td>
<td>270</td>
</tr>
<tr>
<td></td>
<td></td>
<td>271</td>
</tr>
<tr>
<td></td>
<td></td>
<td>272</td>
</tr>
<tr>
<td></td>
<td></td>
<td>273</td>
</tr>
<tr>
<td></td>
<td></td>
<td>274</td>
</tr>
<tr>
<td></td>
<td></td>
<td>275</td>
</tr>
<tr>
<td></td>
<td></td>
<td>276</td>
</tr>
<tr>
<td></td>
<td></td>
<td>277</td>
</tr>
<tr>
<td></td>
<td></td>
<td>278</td>
</tr>
<tr>
<td></td>
<td></td>
<td>279</td>
</tr>
<tr>
<td></td>
<td></td>
<td>280</td>
</tr>
<tr>
<td></td>
<td></td>
<td>281</td>
</tr>
<tr>
<td></td>
<td></td>
<td>282</td>
</tr>
<tr>
<td></td>
<td></td>
<td>283</td>
</tr>
<tr>
<td></td>
<td></td>
<td>284</td>
</tr>
<tr>
<td></td>
<td></td>
<td>285</td>
</tr>
<tr>
<td></td>
<td></td>
<td>286</td>
</tr>
<tr>
<td></td>
<td></td>
<td>287</td>
</tr>
<tr>
<td></td>
<td></td>
<td>288</td>
</tr>
<tr>
<td></td>
<td></td>
<td>289</td>
</tr>
<tr>
<td></td>
<td></td>
<td>290</td>
</tr>
<tr>
<td></td>
<td></td>
<td>291</td>
</tr>
</tbody>
</table>

**List of Advertisers**

**GREENHOUSES BUILDING OR CONTEMPLATED**

- Fremont, Neb. - C. H. Green, addition.
- Whitman, Mass. - A. A. Reed, addition.
- Utica, N. Y. - John L. Zooker, one house.
- Scaucus, N. J. - J. J. Guillekson, one house.
- Baraboo, Wis. - Ernest Ross, one house.
- Cableskill, N. Y. - Alfred Goldberg, addition.
- Washington, C. - Guile Bros., Co., addition.
- Irondequoit, N. Y. - Edw. Brockman.
- Elizabeth, N. J. - William Jacobson, one house.
- Brightton, N. Y. - Edwin Lyon, range of houses.
- Troy, N. Y. - S. Hanson, carnation house 22 x 50.
- Belmont, Mass. - Charles Frost, house 42 x 240.
- Cincinnati, O. - The Hyde Park Rose Co. additions.
- Somerdale, N. J. - Emil Laiube, house 20 x 60.
- Hartford, Conn. - Retreat for the insane, one house.
- La Crosse, Wis. - The La Crosse Floral Co. addition.
- Oneonta, N. Y. - W. P. Peck, rebuilding.
- Grand Rapids, Mich. - Freyling and Mendels, one house.
- Sioux City, Ia. - Felix Schulte, two houses each 30 x 100.
- Newportton, N. Y. - Philip Warner, two houses each 32 x 100.
- Miles City, Mont. - Smedley & Co., four houses each 34 x 100.
- Waterveil, N. Y. - William Hannell, carnation house 28 x 150.
- Santa Cruz, Calif. - The Lelaham Buhl Co., house 22 x 100.
- Atco, N. J. - H. Higgins, one violet house, one general purpose house.
- Madison, Wis. - The Capital City Greenhouse Co., eight houses each 21 x 150.
- Oklahoma City, Okla. - A $2000 greenhouse is to be erected by the city at Wheeler Park.
- Paxton, III. - A. W. Morgan & Co., four houses each 238 feet long, boiler house and work room 22 x 100.

**PUBLICATIONS RECEIVED**

- Vines and How to Grow Them. By William C. McCollum—This is another addition to the Garden Library. Like the foregoing it is profusely illustrated, and is thoroughly practical in its contents. Not only hardy garden climbers are included but greenhouse climbers as well. It

---

**Landscape Gardening**

A course for Home-makers and Gardeners at 2nd Kent State University. Gardeners who understand up-date methods and practice are in the demand. It is conducted by Messrs. Thomas and George G. Tucker, West Pullman, Ill. The course is for one year. **FOR SALE**

- Two tree oil boilers, 100 gallons each, high tension, three tubular boilers, 60 inches by 15 feet; perfect condition and cheap. Armstrong Mfg. Co., Springfield, 0.

Is a very interesting book of over 300 pages and should be included in every florists' library.

**CHRYSANTHEMUMS AND HOW TO GROW THEM**

BY THE REV. JOSEPH D. PELLOW.—The fact that the book has been written by this proficient grower and prize winning champion of the exhibition table will be a sufficient guarantee of its value as a guide to anyone aiming for success as a chrysanthemum grower. It is a complete manual, covering all phases of instruction for either private or commercial growing. It is a notable addition to The Garden Library. The publishers could not have selected a more acceptable authority to prepare the work.

**Garden Planning**

By W. S. Rogers—Especially designed to help the maker of small gardens in fitting up his garden to the utmost of his conditions. It deals with principles as well as practice and is illustrated with a wealth of sketches and plans. While intended primarily for the amateur it is safe to say that few gardeners or florists are who cannot learn something from this book which they do not know and is worth reading, especially in the present rapid growth of public appreciation for garden art. Useful list of plants for various garden purposes are appended.

**Garden Library**

The Garden Library series is published by Doubleday, Page & Co., at the uniform price of $1.10. Copies can be supplied by HORTICULTURE at publisher's office.

A. H. Hews & Co., flower pot manufacturers, have erected another clay storage shed this summer at North Cambridge, Mass., 52x190 ft. and 30 ft. high. This company produces nearly 160,000,000 clay pots each year in the manufacture of flower pots.
Aphine
The Insecticide that kills plant lice of every species.

KILMDEAD
The best of all the tobacco dusts for Dusting or Fumigating

Imp Soap Spray

To-Bak-Ine Products Kill Bugs
You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free).

The Best Bug Killer and Bloom Saver

Cocoanut Fiber Soil
Is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

Wilson Plant Oil & Fertilizer Company
150 Nassau Street, NEW YORK CITY
Horticultural Supplies

"Pot Luck" Try Us...

For POT MAKERS FOR 140 YEARS—WORLDS LARGEST MANUFACTURERS

Write for Catalogue and Discounts
A. H. HEWS & CO., Inc.
Main Office and Factories
CAMBRIDGE, MASS.
TEMPERATURE

Horticultural heavy crops

Greenland, N. H.—A. W. Clough

Washington, D. C.—The S. S. Pen
coke-Keembourg Co. has purchased at
1216 H street a lot 24 x 100 on which
a modern store building will be erected.

Baraboo, Wis.—Property at the cor
er of Eighth and East streets has
been purchased by Ernest Ross, former
ly with Wm. Peck. He will erect
greenhouses and boiler house on this
property.

Concord, N. H.—Ferncroft Farm,
owned by H. B. Whitney & Sons, flor
ists, was wrecked by a heavy storm
on July 31. Extensive greenhouses, a
dan, the ell of the house, trees, etc.,
were demolished.

Jacksonville, Fla.—C. L. Bragg has
purchased the landscape department
of C. D. Mills, florist. Mr. Bragg has
been connected with "Mills the Flor
ist" for two years, having charge of
the landscape department.

Groton, Conn.—Following along the
lines laid down by his predecessor,
Thos. W. Head, Supt. Fisher is mak
ning the charming estate of Morton P.
Plant most attractive to the large
crowds that visit this place during
the summer season.

PATENTS GRANTED.
999,908. Extension Tree Prop. Chas.
P. Tatro, Seattle, Wash.
999,950. Garden Tool. Michael Louis
Weisel, Camden, N. J.
1,000,028. Lawn Edger. John C. Lin
dsey, Los Angeles, Cal.

CYPRESS
SASH BARS
82 feet or longer

HOT RED SASH

PECKY CYPRESS BENCH LUMBER

GREENHOUSES
ERECTED AND EQUIPPED COMPLETE IF DESIRED

Write for Circular "D" and Prices

The A. T. STEARNS LUMBER CO.
NEPONSET, BOSTON, MASS.

DRISSEY'S
Florist Specialties
New Brand New Style.
House 'RIVERTON.'
Furnished to lengths up to
500 ft. without seams or
joints.

The ROOF for the FLORIST
1-inch, per ft. 28.00
16ft. roof, 14.00
24-inch, 12.50
6-inch, 10.50

Couples furnished.
HENRY A. DREES,
474 Chestnut St.
PHILADELPHIA, PA.

The FLORISTS' MAIL ASSOCIATION
of America, Insurer of 32,500,000
sq. ft. glass. For particulars address
John C. Ester, 157 Saddle River, N. J.

KING
GREENHOUSE CONSTRUCTION
IF YOU WANT A GOOD GREENHOUSE
THAT WILL BE GOOD FOR A LONG TIME
WRITE TO
KING CONSTRUCTION CO.
HOME OFFICE AND FACTORY
North Tonawanda
N. Y.

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST

26-30 Sudbury St.
BOSTON, MASS.

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.

CHICAGO, ILL.

LOUISIANA RED CYPRESS
GREENHOUSE MATERIAL

STEEL GUTTERS, TRUSSES, PURLINS, PIPE, FITTINGS, GLASS,
Etc.
PRIVATE AND CONSERVATORY WORK A SPECIALTY.
The Foley Manufacturing Co.
Western Ave. and 26th St., CHICAGO

MASTICA
FOR GREENHOUSE GLAZING
USE IT NOW.
F. O. PIERCE CO.
12 W. BROADWAY
NEW YORK

Mastic is elastic and tenacious, admits of expan
sion and contraction. Putty becomes hard and
brittle. Broken glass more easily removed
without breaking of other glass as occurs with
hard putty. Lasts longer than putty. Easy to
apply.

Greenhouse Material and Sash

S. JACOBS & SONS
1359-1361 Flushing Ave.
Est. 1791.
BROOKLYN, N. Y.
IF you want your greenhouse benches to last
you want to lessen repair expenses
you want an up-to-date plant

THEN USE CEMENT BENCHES

You can easily make them yourselves. Others are
doing so right along. We furnish the molds, and tell
you just how to do it. No expensive labor to hire—
you do the work.

Send for booklet and be convinced.

E. H. HUNT, 131 N. Wabash Ave., Chicago, Ill.

ADVANCE VENTILATING APPARATUS

Advance Machine complete ......................................... $10.50
Twist-less or elbow arm .............................................. .25
Hanger complete .......................................................... .08
Shafting pipe, double strength per ft ................................ .08
Shafting pipe, single strength per ft ................................ .05

We also manufacture a complete line of greenhouse fittings such as pipe
 carriers, shelf brackets, split tees, split Y fittings, split gutter brackets, etc.

Each is fully described and illustrated in our catalogue J which will be sent to any address upon request.

Write Us To-Day

ADVANCE CO., RICHMOND, IND.

KROESCHELL BOILER
Half the Coal and Half the Work.

"Your No. 13 boiler is carrying 25,000 sq. ft. of glass and I can keep it at 60
degrees in the coldest weather without any trouble. I have three other types of
boilers also heating a range of 25,000 sq. ft. of glass, but the No. 13 Kroeschell
Boiler ONLY TAKES HALF THE COAL and half the work to get the same
results."

J. G. FRISZ, Vincennes, Ind.

P. S.—Mr. J. G. Frisz, of Vincennes, Ind., has the largest range of glass in
Indiana devoted to vegetable forcing.

KROESCHELL BROS. Co., 466 W. Erie St., Chicago, Ill.

BOSTON PLATE & WINDOW GLASS CO.
GREENHOUSE GLASS
261 to 287 A Street BOSTON 20 to 22 Canal St.
ALTHOUGH the photo can scarce do it justice, you can see it is highly ornamental and must be a large one. And it is. The two houses between the Palm House and work room are curved once, while the large wing house is curvilinear which make a highly pleasing combination.

What a difference in this and the houses that used to be built that were so cumbersome and unattractive that they had to be located in an out of the way place. The English you know are in the habit of attaching theirs directly to their residence. We have built some that way up in Montreal. One particularly fine one was for Hon. Montague Allen. If you think it would interest your employer, will gladly send him a photograph.

And how are the prospects for building or making any additions? Would our catalog—the 100 page one—be any help to you? Glad to send it along.

R. A. C. Smith of Belle Haven, Conn., Had Us Build This Beautiful Range Right By His Residence. S. A. Ford is the Superintendent.

Although the photo can scarce do it justice, you can see it is highly ornamental and must be a large one. And it is. The two houses between the Palm House and workroom are curved once, while the large wing house is curvilinear which make a highly pleasing combination.

What a difference in this and the houses that used to be built that were so cumbersome and unattractive that they had to be located in an out of the way place. The English you know are in the habit of attaching theirs directly to their residence. We have built some that way up in Montreal. One particularly fine one was for Hon. Montague Allen. If you think it would interest your employer, will gladly send him a photograph.

And how are the prospects for building or making any additions? Would our catalog—the 100 page one—be any help to you? Glad to send it along.

E. H. Hunt, 131 N. Wabash Ave., Chicago, Ill.

ELASTIC-LYKE
Green House Glazing Putty

Manufactured to meet the ever increasing demands of the man who wants the best.

- 1-gallon, $1.40
- 5-gallons, $6.75
- 10-gallons, $13.25
- 20-gallons, $25.45
- 1 bbl. (50-gallons) $62.50

Hunt's Mackinaw Green for Greenhouses

For SHADING PROPAGATION, FERN, PALM, PLANT and CAR-NATION houses there is nothing equal to Mackinaw Green. It is easy to use and after the first frost is quickly removed from the glass.

- 1, 2, and 3 gallon cans, per gallon, $1.60
- 5 gallon kits, $7.75
- 10 gallon kits 15.25
- 25 gallon barrels, 37.40
- 50 gallon barrels $73.60

Use 1 gallon of Mackinaw to 20 gallons of gasoline.

SPECIAL—For 30 days we will sell Mackinaw Green at $1.00 per gallon. This is an introductory offer and no order for over 5 gallons will be accepted at this price.

Special quotations to Jobbers on Elastic-Lyke and Mackinaw Green.
Partial View of Society of American Florists Exhibition at Baltimore, Md.
U KNOW US

ANOTHER PRIZE WINNER
OUR WORLD’S BEST CYCAS LEAVES

We AGAIN show OUR LEADERSHIP by receiving honorable
mention at the Baltimore Convention for our World’s Best Cycas Leaves.
Awarded by the judges for the most NATURAL and PERFECT CY-
CAS LEAF ever shown: cannot be distinguished from the fresh cut leaf.
A soft, pliable, natural green colored leaf.
We are the sole distributors in the United States for the World’s
Best Cycas Leaves.
Write today, and be up-to-the-minute in showing your trade the finest
cycas leaf ever shown.

KATALOG for the asking.
The Leading Florists’ Supply House and Ribbon Specialists

M. RICE & CO., 1220 Race Street, Philadelphia, Pa.
Manufacturers — Importers — Originators

TIME TO START UP
We Need Room. Come and See the Stock.

Lorraine Begonias, Poinsettias, Cyclamens, Chrysanthemums
in Pots, Primulas, Genistas, Araucarias, Palms, Asparagus
plumosus and Sprengeri, Boston Ferns, Adiantums, Mixed
Ferns, Cycas. All First Class Stock.

WRITE FOR PRICES.
WM. W. EDGAR CO. — Waverley, Mass.

PALMS, FERNS, DECORATIVE AND
FOLIAGE PLANTS
Also Azaleas, Begonias, Bay and Box Trees
A. LEUTHY & CO.
Parkias Street Nurseries, Roxbllad, Boston, Mass.
For list on application.

FERNS FOR DISHES
Assorted varieties, 2-in. pots, $3.50 100; $3.00 1100; 500 at 1000 rate.
Cash with order
FRANK OECHSLIN
4011 Quincy St. — CHICAGO, ILL.

BEST PALMS
All Varieties, All Sizes.
Send for Price List.
Joseph Heacock
Wyncote, Pa.

Boston Ferns
4½ inch from bench............ Each 10c
2½ inch from bench............. Each 7c
1½ inch from bench, $3.00 per.

Nephrolepis Whitmanii
2½ inch.... $5.00 per 100, $15.00 per 100

Nephrolepis Magnifica
2½ inch, 30 per bunch $6.00 per 100.

We Stand Back Of Our Goods and
Guarantee Safe Arrival of Shipments to
All Parts of United States and Canada.
HENRY H. BARROWS & SON
Whitman, Mass.

Araucaria Excelsa
5 in., 3 to 4 in. 40c, and 60c; 2½ to 6 in.,
4, 5, and 6 in. 60c, 75c, and $1.00; 7 in.,
25, 30, and 50 in. high, for lawns and
porches, $5.50 to $20.00.
Cash with order, please.

Godfrey Aschmann
Wholesale Grower, Shipper and Importer of
Palm Plants.
1012 West Ontario St.,
PHILADELPHIA, — PA.

ROBERT CRAIG CO.
ROSES, PALMS,
and Novelties in Decorative Plants
MARKET and 46th STREETS, PHILADELPHIA, PA.
GERANIUMS....

We have no hesitation in claiming that our collection of Standard Varieties stands pre-eminent among such collections in the country, as far as only distinct and useful varieties are concerned. It is the result of the most careful selection from hundreds of varieties, from the foremost European and American introducers, and contains only those sorts which years of experience have taught us are the very best in their several different classes, and which can be depended on to produce the most satisfactory results, and which represents the highest standard of development yet obtained in its special class or color.

In keeping our list up to this high standard we are continually adding many of the newer introductions and discarding some of the old sorts which have been favorites but are now superseded by others which are more beautiful in form, greater in substance, more exquisite in color, more satisfactory in growth.

We have prepared to propagate these in large quantities, having added thousands of plants to our already large stock. If you can use them in large quantities write us and we may be able to make you special price.

We are booking orders for DAHLIA & CANNA roots for fall delivery. Send for List.

R. VINCENT, JR., & SONS CO., White Marsh, Md.
Growers of Plants for the Trade

ROSES
OWN ROOT—FINE STOCK

White Killarney  Per 100
Richmond  from 3 in. pots  $5.00
Pink Killarney Chaletsy, Kaiserin, Perla, Sunrise, Sunini, from 3 in. pots  $6.00
Bride, Bridesmaid, Golden Gate.  $60.00 per 1,000,  $7.00
GRAFTED
Fine Stock, 3 in. pots
Pink Killarney, White Killarney, Bride, Bridesmaid, Kaiserin, My Maryland.  $15.00 per 100

WOOD BROS., Fishkill, N.Y.

CARNATIONS
FIELD GROWN
FINE, HEALTHY STOCK

Per 100 Per 1000
Enchantress  $7.00
Rose Pink Enchantress  $7.00
Bay State  $6.00  $55.00
Mrs. T. W. Lawson  $6.00  $55.00
Red Lawson  $6.00  $55.00
White Lawson  $6.00  $55.00
Winsor  $6.00  $55.00
Crimson Beauty

HOME GROWN PANSY SEED

S & I Special Strain, None Finer. $5.00 Per Oz.
Pansetillas. 2½-inch plants, at $5.00 per 100; $50.00 per 1000.
Cyclamen Seed. Giant English strain, in all colors. 1½ oz., $1.00; ½ oz., $5.00; ½ oz., $1.00; 900 per 1000.

SKIDELSKY & IRWIN CO.
Catalogue for the Asking.

CANES
FOR YOUR MUMS
6 ft. to 8 ft.  $7.00 per 1000
WM. ELLIOTT & SONS.
42 Vesey St., New York

ASPARAGUS HATCHERI

The new Asparagus. Beats the old plentiful ones in every respect. From 2½-inch pots, $5.00 per 100.
A. N. Pierson, Inc.
CROMWELL, CONN.

NEW GLADIOLUS “NIAGARA.”

Cynogoga Falls, O., Aug. 12th, 1911.
Mr. Frank Banning.
Dear sir: Replying to yours of August 11th I like the “NIAGARA” very much. In my opinion it is the best yellow variety on the market.

M. CRAWFORD
FRANK BANNING, Kinsman, O.

CARNATIONS

F. DORNER & SONS CO.
LA FAYETTE, IND.

Chicago Carnation Co.
30 E. Randolph St.
CHICAGO - ILLINOIS

CHRYSANTHEMUMS AND
ASTER SEED

Elmer D. Smith & Co.
ADRIAN, MICH.

LADY'S SWEET WILLIAM

Greatest quantity and variety in the country. Established and freshly imported. Also materia|l in which to grow them.

Write for special list and catalogue.

LAGER & HURRELL, SUMMIT, N. J.

ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World

SANDER, St. Alban's, England and 258 Broadway, Room 721
NEW YORK CITY

ORCHIDS

PLANTS and FLOWERS always on hand
ORDONEZ BROS.
Madison, New Jersey

ROEHRS

Orchids, Azaleas, Palms, Lorraines, Crotons

RUTHERFORD, N. J.

LORRAINE BEGONIAS

Strong 2¾ in. stock, ready for 3¼ in. Per 100, $14.00; 250 at $13.00 per 100.
THOMAS ROLAND.
Nahant, Mass.

HERBERT, ATCO, N. J.

DAHLIAS Every Day in the Year
BOBBINK & ATKINS

WORLD'S CHOICEST FLORIST AND NURSERY PRODUCTS.

We are growing in our greenhouses and in our 250 acre nursery a large variety of material constantly in demand by florists. Our Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

B & A. SPECIALTIES.

PALM, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill station is the second stop on Main Line of Erie Railroad.

Nurserymen and Florists

Rutherford, N. J.

AMARYLLIS-HIPPEASTRUMS

Unrivalled for beauty of form, brilliancy of colors, and size of flowers. Highest awards at home and abroad, including 90 Gold Medals.

Catalogues, and all particulars free, on application.

ROBERT P. KER & SONS

Aigburth Nursery Liverpool, England

CHARLES H. TOTTY

Wholesale Florist

Chrysanthemum Novelties My Specialty Madison, N. J.

PEONIES


LOECHNER & CO.

JAPANESE LILIES

LILY OF THE VALLEY PIPS

PALMS, AZALIEAS, &c.

11 Warren Street, New York, N. Y.

Write for quotations.

Dew Drop Strawberry

Ever bearing, largest in the world, color rich crimson, combined flavor of pineapple and wild strawberry. Unexcelled shipping qualities. Free circular. Plants now ready.

Seasonable Notes on Culture of Florists' Stock

CARNATIONS FOR POT CULTURE

Retail plant growers who intend to grow pot carnations for winter plant trade, should have the stock potted up not later than the first week in September, as they will lift any time before this date better than after it. Use a good fibrous soil and about one-third of manure, the whole thoroughly broken up and mixed and a sprinkling of bone meal added. After the plants are potted their transfer to the house can be delayed until quite late in October. Keep them in a frame and you will have healthier, stouter, more compact and finer plants to take in later. All pinching back should be discontinued by the end of this month. See that they have an abundance of air night and day, with careful watering and light and frequent syringing, as all that will be needed to encourage a healthy pot plant. Give them a fumigating once a week, as a preventive for fly and thrips.

CINERARIAS

To have a fine batch of cinerarias in full bloom by next Easter sow now without delay. See that you get the best strain of seed, for it certainly is a single waste of time, money, space and labor to invest in a cheap and poor grade of seed. Sow the seed in pans that are well drained and filled with a soil composed of three parts loam and two of leaf-mold, with a good sprinkling of sand. Sift the mixture fine for the top layer. See that the soil in the pans is pressed moderately firm, and on this sow the seeds evenly but not too thickly, and then just cover with fine soil and press slightly. Keep moist and under heavy shading, to be made lighter when the plants are up. When the young plants are big enough to handle—that is when they have made their third or fourth leaf—prick them out two inches apart in flats. Before they get crowded in these flats pot into 2½ or 3-inch pots using the same mixture, only add a little cow manure and let it be more lumpy at each shift. Keep these plants out as late in the fall as possible, guarding them, however, against frosts, and when this becomes difficult to do remove them to a cool house and place them near the glass as possible.

GLOXINIAS AND TUBEROUS BEGONIAS

As these plants go out of flower they should be started on their season of rest. Place them in a house where there is no shade and maintain a free circulation of air to help them to ripen up their growth. Continue to water but not quite so often, until the leaves have died down and then the soil should be allowed to become quite dry and the pots placed under a bench where there is no drip and just enough of water given to keep the tubers from shriveling. Gloxinias generally winter best this way if kept in a temperature of about 50 degrees. Where this is not convenient the tubers can be stored in flats of dry sand. This is the best way to winter tuberous begonias to preserve them from the air, otherwise they will shrivel and thereby receive serious injury.

ORNITHS

Ladia aneeta will soon be sending up their flower scapes and should not be allowed to suffer from too much drought at the roots. Plants that are needed for early flowering should be gradually exposed to full sunlight as they really thrive better when thus exposed by the middle of September. Those that are desired for later blooming can be retarded by giving them a bright but lightly shaded house that is kept cool, and where the atmosphere is light and drier, but under such conditions it is not advisable to encourage a too dry atmosphere if you want to sustain your plants in good health. This retarding can be done with common sense without any injury.

Oncidium varicosum will now, or soon should, be showing flower spikes. Remove part of your permanent shading so as to give more light and sun. Do it gradually or your plants will suffer by too quick exposure to the sun. By October they will stand full sun. By placing some plants in an intermediate temperature of about 60 degrees at night with a rise to 70 or 75 degrees with sun, as desired, a succession of bloom can be kept up for some time. This is a fine orchid to grow, with its large graceful panicles of bright yellow bloom, which are excellent as cut flowers.

PEONIES

If you have in view the making of a new peony plantation, the sooner it is taken in hand the better. The most fertile plot of ground should not be considered too good for this purpose. To get the best results the land should be trenched to the depth of at least two feet, followed by the incorporation of large quantities of stable manure. When planting a permanent bed for future cutting, they should be set four feet apart each way, but if planting with the intention of division of the roots for selling, 2½ to 3 feet apart each way will do. See that the roots are set deep enough to insure the crowns being 3 or 4 inches below the surface of the soil. It is best to have all your planting done before the end of September as it gives the plants a chance to make good root growth while the weather is warm.

PAPER WHITE NARCISSUS

To grow these bulbs so they will be at their best it is well to allow at least an inch between each bulb. Use flats that are 3 or 4 inches deep and fill with a good loam that has about one-third of well rotted manure. Place them in a cold frame for the next six weeks. They can then be brought into a house of about 45 to 50 degrees at night in October and allowed to come along slowly. Give a bench where they will get all the sun that is going. After giving this cool treatment until they have made lots of roots, they can then be given a couple of weeks in a higher temperature so as to bring the flowers out. If they are cut when about four or five flowers of the trusses are open they will last from four to six days.

John J. M. Farrell

Mr. Farrell’s next notes will be on the following: Nephrolepis; Empodium Jaceinodora; Lilium candidum; Next Year’s Cyclamen Stock; Providing Compost; Transplanting Evergreens.
COVER ILLUSTRATION—Partial View of S. A. F. Exhibition at Baltimore.

SEASONAL NOTES ON CULTURE OF FLORISTS' STOCK:

OBITUARY:

BRITISH HORTICULTURE—W. R. Abetti

SOCIETY OF AMERICAN FLORISTS:

Report of Committee on Life Membership Badge—Additional Exhibitors—The Bowling

Baltimore's Day—Shooting, Illustrated—Other Games

Group at Tolchester Beach, Illustrated

Convention Gurgles

AMERICAN GLADIOLUS'S SOCIETY:
President Hendrickson's Address

PLANTATION OF LONGIFLORUM GIANTICUM
Lilies, Japan—Illustrated

CLUB AND SOCIETIES:
Newport Horticultural Society—Massachusetts Horticultural Society—Society of American Florists—Gardener's and Florists' Club of Boston—Club and Society Notes

PARK GARDENING—Xavier E. P. Schmitt

SEED TRADE

OF INTEREST TO RETAIL FLORISTS:
Steamer Departures

Flowers by Telegraph

FLOWER MARKET REPORTS:
Boston, Buffalo, Chicago

New York, Philadelphia, St. Louis

MISCELLANEOUS:
Personal...

Incorporated

Washington Notes

News Notes.......

306.315.322

Michell Co's Outing, Illustration

Chicago Notes...

Auction Sale of Market Stalls

Philadelphia Notes

An Opinion on Dr. Wiley

Fire Record

Greenhouses Buildings or Contemplated

298

HORTICULTURE

AUGUST 26, 1911

No. 9

PUBLISHED WEEKLY BY
HORTICULTURE PUBLISHING CO.
1 Hamilton Place, Boston, Mass.
Telephone, Oxford 292.
WM. J. STEWART, Editor and Manager.

SUBSCRIPTION PRICE
One Year, in Advance, $1.00; To Foreign Countries, $2.00; To Canada, $1.50.

ADVERTISING RATES.
Per inch, 30 inches to page............................................. $1.00
Discount on Contracts for consecutive insertions, as follows:
One month (4 times).............. 5 per cent.; two months (8 times), 10 per cent.; six months (15 times), 20 per cent.; one year (52 times), 30 per cent.

Page and half page space, special rates on application.

Entered as second-class matter December 8, 1904, at the Post Office at Boston, Mass., under the Act of Congress of March 3, 1879.

CONTENTS

Page

Aftermath

The S. A. F. Convention is always a most prolific developer of ideas for anyone who
attentively follows the proceedings and the
Baltimore affair just closed is no exception to the rule,
judging from the critical comments, approving or other-
wise, that find expression on every opportunity since.
It would indeed be a colorless and unprofitable conven-
tion where no difference of opinion and consequent warm
discussion on points at variance did not materialize.
As to the final educational effect, however, on those
concerned, Mark Twain's advice might be pertinent for
some of us to give heed to. He said, "We should be
careful to get out of an experience only the wisdom that
is in it and stop there, lest we be like the cat that sits
down on a hot stove-lid. She will never sit down on a
hot stove-lid again, and that is well; but also she will
never sit down on a cold one any more."

Talking it over

It has been maintained by some, since the
Baltimore experience, that the S. A. F.
method of conducting elections is defective
and rather slip-shod; that its system of bal-
loting is "Australian" only in name, the fundamental
principle of the Australian ballot, viz., secrecy and free-
dom from dictation, being ignored. Whether this is so,
to a detrimental extent, and whether the protection
against partisan supervision which is accorded the voter
in civic affairs might wisely be extended to the S. A. F.
voter: whether ballot peddling and solicitors should
be excluded from the hall; whether some restriction should
be placed on the voting privileges of members joining
the Society on the day of nomination or election;
whether "spell-binder" oratory for the purpose of influ-
encing a vote should be regulated— all these and many
similar questions are being brought forward and this is
an excellent thing for the Society as it indicates a lively
interest in its affairs on the part of the membership,
without which no organization can attain its best use-
fulness.

Emulation, not contention

We doubt whether there ever has been an election in the S. A. F. conducted
with equal zeal for favored candidates,
where the spirit of respectful cordial-
ity and freedom from animosity was so pronounced as
at Baltimore last week. Although hotly contested for
the several posts of honor no ill feeling was engendered
and we do not doubt that the new officials will assume
their respective posts of duty with the sincere support
of those who opposed as well as those who favored their
selection. It has been asserted that no two minds have
ever yet been found of which it could be said that there
was unanimity of opinion on all questions presented
for their consideration. Simple and primitive indeed
must be the topic and few its details if, even in a single
instance, any two interested parties can be brought to
think exactly alike. But it is possible for each and all
to be actuated by the same loyal impulse to help in
every possible way to promote the prosperity of the
Society and broaden and enhance its influence. On
methods and on men for leaders there must always be
diversity of views and this is healthy for the organiza-
tion so long as it is kept within tolerant and friendly
bounds.
HORTICULTURAL

Obituary

Herman Goertyhn

Herman Goertyhn, florist, of Fair Oaks, California, died at his home on August 13, aged 65 years. Four sons survive him.

Tracey Bolles

Tracey Bolles, Valley Creek, Wis., was killed by a freight train at Oak Park on August 13. He was formerly employed by Holm & Olson, florists, of St. Paul.

George Hedtler

George Hedtler, 1419 Wrightwood avenue, Chicago, III., died on August 21, as the result of being overcome by the heat while at work in the greenhouse of Joseph Lange, on Aug. 11.

Joseph Bock

Joseph Bock, florist, Burlington, Iowa, died on August 7 of typhoid fever. He was born in Germany in 1846, coming to this country in 1867. For twenty-two years he was a nurseryman and florist.

Fred C. Chapman

Fred C. Chapman, pioneer florist of Grand Rapids, Mich., died on August 17 at his home on Madison square. Mr. Chapman was born in Stamford, England, coming to Grand Rapids in 1880. He established the first greenhouses in the city, which were located on the site of the greenhouses of J. H. Harper. He continued to be one of the successful florists of the city up to the time he retired, about eight years ago. He is survived by a widow and one son.

William Bryant

The death is reported at Jamestown, R. I., of Mr. William Bryant, a member of the firm of Bryant & Whiting Co., a fertilizer firm located on Curtis Bay, Md. Mr. Bryant was stricken some time ago with malaria, but feeling a little better decided to go to his father's summer home at Jamestown. Here the malaria turned into typhoid which proved fatal. He was 56 years of age, and is survived by a widow and one daughter, who are at present traveling in Europe. Burial took place last Sunday at Alexandria, Va.

John Flood

John Flood, Woburn, Mass., passed away on August 25, aged about 16 years. Mr. Flood was born in London, England, and was employed in the seed department of James Vick & Sons, for whom his father was foreman. About twelve years ago he was employed by Peter Henderson, New York, from there going to R. & J. Farquhar & Co., Boston, Mass. After leaving there he was employed on the estate of Joseph H. White of Brookline, Mass., under James Wheeler, going from there to Buffalo and spending three years in that city. He then located in his own town of Dedham, Mass., which he maintained for about three months. One year ago he bought the David Fisher property in Montvale. Mr. Flood had been ailing for about three months, the result of an attack of the grippe, a relapse caus-

ing his sudden death. The time of the funeral could not be learned before HORTICULTURE went to press.

Joseph R. Freeman

Again it becomes our painful duty to record the passing away on August 22 of a well-beloved member of the horticultural craft, J. R. Freeman, of Washington.

Mr. Freeman was born in England sixty-two years ago. He came to Washington when fourteen years of age, at first working for the late John Saul. He remained with Mr. Saul for several years, when he was married to Miss Mary E. Weaver, of Washington. With his wife, Mr. Freeman moved to Baltimore, where the business remained for two years, at which time they came back to Washington. Mr. Freeman then established himself in the florist business, which he continued until his death. His first business was located at Thirteenth and E streets, near Pennsylvania avenue. About 15 years ago Mr. Freeman removed to 612 Thirteenth street, his last location.

Joseph R. Freeman

The cause of death is given as Bright's disease.

Few men have been more blessed with neighborly and companionable traits than J. R. Freeman. To his friends—and they were legion—he was the embodiment of open-handed hospitality. He was prosperous in business and was widely known and respected among the business men of Washington. He was a life member of the Society of American Florists and served as its vice-president in 1905. At the convention in Washington that year he was nominated for president but declined the honor. At the convention in Rochester last year he seconded the nomination of Baltimore and urged the selection of that city as the meeting place for 1911. He was also a member of the Florists' Club of Washington, a large delegation from which attended the funeral.

Mr. Freeman is survived by his wife, three sons, J. W., J. S., and William E. Freeman; and one daughter, Catherine Elizabeth Freeman, all of Washington.

BRITISH HORTICULTURE.

A Thousand Pound Sweet Pea Prize.

The Crystal Palace was lately the scene of the big sweet pea show, organized by the "Flower News" newspaper and its associated journals. They have for weeks given the competition a "boom," for it is not often the amateur grower has a chance of winning a thousand pounds first prize. Entries poured in from all parts of the kingdom, and the judges had a difficult task in picking out the best blooms, which were eventually staged, and formed the largest exhibition of sweet peas seen in this country. The blooms all had to be sent through the post, thus giving the entire body of exhibitors the same chance. Much ingenuity was displayed in endeavoring to secure the transit of the blooms in a fresh condition. The heated state of the glass building caused the flowers to fade, and on the second day a very poor display was made. The drought has been very trying to most of the growers this season. There was only one trade exhibitor, W. J. Unwin, who showed an interesting assortment of some of his leading introductions. The first prize was won by Mrs. J. H. Fraser, a minister's wife, of Sprouston, Kelso, Scotland, and by a strange coincidence her husband won the third prize. The judging was done with numbers, so that the judges were not aware of the relationship of the two successful exhibitors. The second prize went to the Isle of Wight.

The National Carnation and Pickete Society.

There were several absentees from the usual exhibitors at the annual show of the National Carnation and Pickete Society, owing to the unfavorable season. James Douglas, of Great Bookham, Surrey, carried off the first prize in several classes, as well as the Cartwright Challenge Cup, in the open classes, also the Society's cup for the highest aggregate number of points in the first division of the schedule. Among the new seedlings were a crimson self-colored, Mrs. F. J. Johnson, shown by Arthur R. Brown, Ltd., of King's Norton. Hayward Mathias showed Ariel, a new hybrid picotee, with a light pink edge. Each of these received a first prize in their special class.

Wm. A. Avisett

We are advised that a swindler operating under the name of Chris. Meyers has been working at Madison, N. J., and our readers are hereby warned so that they may be prepared for him.

He has evidently worked at the florist business as he can talk glibly enough regarding the different varieties of roses and carnations. He has vouched for several dealers in Madison by the use of small forged checks, claiming a long acquaintance with a number of prominent growers. His of medium height, with dark hair, and gains attention by claiming to be an Elk of a Virginian Lodge, so florists would be well advised to see the card of any man looking for favors under the plea that he is an Elk.
CONCLUDING SESSION.

At 1:00 P. M. the balloting not being completed an adjournment was taken until 6:00 P. M., at which time President Asmus resumed the session, and read the reports of all the State Vice-Presidents, which was read, and on motion approved, and a vote of thanks extended to the different State Vice-Presidents.

Report of Committee on State Vice-Presidents.

Your Committee has received the twenty-six reports of the Vice-Presidents of the various states, and find the detail of the same to be showing falling off in the interest of the work of the Society of American Florists; and we in justice to the excellence of the work by the reports recommend that a vote of thanks be extended to the Vice-Presidents and that the reports be accepted and printed. Benjamin Hammond, Joseph Heacock, P. Welch, Committee.

President Asmus referred to the sad occurrence of the taking away by death of one of the oldest and most beloved members, Mr. John Birnie, and announced that a suitable committee to prepare resolutions appropriate to the occasion, which he now desired the Secretary to read, was appointed by the standing meeting, while as a token of respect to the departed brother.

The convention arose while the report was being read in a feeling manner by Secretary Dornor: Report on Death of John Birnie.

Your committee respectfully report the following resolutions upon the death of our deceased brother, John Birnie:

Whereas: We the Society of American Florists and Ornamental Horticultrists assembled in the city of Baltimore on the occasion of the Twenty-seventh Annual Convention have been grievously touched by the sudden death of our fellow craftsman John Birnie; therefore

Be It Resolved: That we, the members of the S. A. F. & O. H. feel keenly the loss of one so well beloved one who has been an ardent representative of our profession in advancing all its interests; and be it further:

Resolved: That we present this resolution as a token of our sympathy and sincere affection for him, and condole with his family in this their sad and solemn bereavement, and that we submit it to our fellow members for their appropriate action; and forward in the name of our Society a suitable memorial.

Respectfully submitted,


The report was unanimously adopted by a rising vote, the convention, at the suggestion of President Asmus, remaining standing for an interval of time in silence.

Parcels Post Urged.

F. R. Pierson was recognized by the chairman to present the following resolution which he stated was to give further effect to the good work done by Washington representative, W. F. Gude.

Whereas. It is a well known fact that for years the various express companies now operating over the railway lines of the United States have been declaring high dividends on water stock never stating

On motion it was ordered that the motion be placed on the agenda for consideration at the next meeting of the society.

The Convention Story Completed.

On motion it was ordered that the Committee on Tariff and Legislation be instructed to draft a letter pertaining to the resolution adopted with regard to the parcels post, a copy of the same to be sent to each member of the S. A. F. & O. H.

In the absence of Prof. H. H. Wetzl, Plant Pathologist, his report was read by title and on motion ordered printed in full in the proceedings of the Society.

Report on Trade Exhibit.

Through Secretary Dornor, the Superintendent of Trade Exhibit, Mark Richmond, reported that the amount received from sale of space amounted to $3,796.00, which statement was greeted with applause.

No Increase in Life Membership.

The amendment to the constitution proposed with reference to annual dues, initiation fees and life membership, was next considered, and was lost by a rising vote.

W. N. Rudd presented the following:

Report of Auditing Committee on National Flower Show.

We, your Committee appointed for the National Flower Show, hereby certify that we have examined and checked the same so far as possible, and are confident it is correct. The mass of detail is so great that a close item by item check was impossible in the time at our disposal. We recommend that the report be accepted. W. N. RUDD, Chairman.

On motion, the report was received and adopted.
Election Returns.

P. Welch read the report of the tellers of election, as reported by telegraph in our issue of last week.

On motion of Mr. Farquhar the vote for Mr. Vincent for President for the ensuing year was made unanimous. Mr. Farquhar returning his acknowledgments to the friends who had voted for him and for the interest manifested in the election, but rejoicing in the success of the winning candidate. Similar action was taken regarding the election of Mr. Poehlmann as Vice-President on motion of Mr. Philpott.

Mr. Hammond presented the report of the Committee on School Gardens and requested that it be read by title and ordered printed in the Proceedings, which was on motion duly authorized, and so ordered.

The following report submitted by Mr. Farquhar was read and on motion referred to the discretion of the Executive Committee with power to act, viz.:-

Report of Committee on Life Membership Badge.

"Your committee has given much thought to the subject of a badge that would be emblematic, artistic and convenient to represent life-membership in the S. A. F. & O. H. Your Committee recommends that the badge be round in form, that the present leaf emblem of the Society appear in relief on the surface, with the letters S. A. F. placed obliquely across the leaf, and the words, "Life Member" on the ground, around the upper side, that is over the leaf.

The accompanying sketch shows in a general way the design your Committee recommends."

President Asman announced that he had appointed as Committee on Recommendations in President's address the following: P. Welch, F. R. Piersson, W. X. Rudder, W. F. Kasting, F. H. Traendly.

The report of this committee was presented verbally by Mr. Rudder, and was adopted by rising and unanimous vote.

THE BOWLING.

The arrangements for the sporting events in connection with the Baltimore convention were excellent. The bowling took place on Thursday—ladies in forenoon and gentlemen in afternoon—on the alley of the Garage. The prizes awarded were as follows:

Reinberger cup, Mrs. George H. Cooke, of Washington, B. & B.; Mrs. George C. Woolery, of Washington; Boligiano carrying set, Mrs. Frank H. Traendly, of New York; Resenderfer electric set, Mrs. Charles McKellar, of Chicago; Stewart & Co., cut glass vase, Mrs. F. C. Hardin, of Baltimore; Hochschild, Kahn & Co., cup, Mrs. Frank H. Traendly, of New York.

As a resting and sightseeing trip around the city after their exertion of bowling, the ladies were given a trolley ride through the suburbs of the northern and northwestern sections. The trip ended with a reception at the Maryland Country Club.

As will be seen by the following scores, Washington was "high liner" and put some of the most confident teams to rout.

WASHINGTON.

Cleveland.

W. B. Cooke, 145 155 173
A. K. McSteed, 145 155 173
S. H. Mankin, 129 188 173
E. Elker, 229 184 165
F. Shafer, 929 173 153
W. L. Wilcox, 190 207 158
Total 860 947 823

PHILADELPHIA.

Richard, 109 163 173
Irwin, 114 155 143
Hugh, 113 144 143
A. Alber, 135 131 139
R. C. Robinson, 172 171 143
Total 706 746 698

NEW YORK.

Perry, 149 178 129
J. M. Gand, 173 173 173
M. C. McHarg, 113 171 296
D. C. Dithson, 127 181 131
A. B. Worley, 186 235 131
Total 651 600 827

CINCINNATI.

W. A. F. A., 189 178 119
Asman, 152 142 144
H. W. McSwain, 139 134 138
W. C. Wolf, 135 140 148
C. H. Critz, 152 141 171
Total 725 765 759

THE BOWLING.

The arrangements for the sporting events in connection with the Baltimore convention were excellent. The bowling took place on Thursday—ladies in forenoon and gentlemen in afternoon—on the alley of the Garage. The prizes awarded were as follows:

Reinberger cup, Mrs. George H. Cooke, of Washington, B. & B.; Mrs. George C. Woolery, of Washington; Boligiano carrying set, Mrs. Frank H. Traendly, of New York; Resenderfer electric set, Mrs. Charles McKellar, of Chicago; Stewart & Co., cut glass vase, Mrs. F. C. Hardin, of Baltimore; Hochschild, Kahn & Co., cup, Mrs. Frank H. Traendly, of New York.

As a resting and sightseeing trip around the city after their exertion of bowling, the ladies were given a trolley ride through the suburbs of the northern and northwestern sections. The trip ended with a reception at the Maryland Country Club.

As will be seen by the following scores, Washington was "high liner" and put some of the most confident teams to rout.

WASHINGTON.

Cleveland.

W. B. Cooke, 145 155 173
A. K. McSteed, 145 155 173
S. H. Mankin, 129 188 173
E. Elker, 229 184 165
F. Shafer, 929 173 153
W. L. Wilcox, 190 207 158
Total 860 947 823

PHILADELPHIA.

Richard, 109 163 173
Irwin, 114 155 143
Hugh, 113 144 143
A. Alber, 135 131 139
R. C. Robinson, 172 171 143
Total 706 746 698

NEW YORK.

Perry, 149 178 129
J. M. Gand, 173 173 173
M. C. McHarg, 113 171 296
D. C. Dithson, 127 181 131
A. B. Worley, 186 235 131
Total 651 600 827

CINCINNATI.

W. A. F. A., 189 178 119
Asman, 152 142 144
H. W. McSwain, 139 134 138
W. C. Wolf, 135 140 148
C. H. Critz, 152 141 171
Total 725 765 759
The shooting results were as follows:

First prize, T. C. Stevenson; Second E. W. Stevenson; Third, H. M. Atlee; Fourth, E. H. Shaw; Fifth, H. Brown; Sixth, G. Anderson; Seventh, Charles Sibyl; Eighth, C. Lats; Ninth, F. Mergner; Tenth, H. Blackstone; Highest average, 25 birds, T. C. Stevenson.

Following the shooting contest a baseball game between the Baltimore members of the organization and the visitors was begun, but at the ending of the fifth inning, when the score stood 4 to 0 in favor of the visitors, the game was called on account of the storm, which was rapidly approaching. The ball players had hardly left the field before the rain began to fall in torrents. Crowds flocked to the shelter of the houses, and those who were standing on the piers found the friendly covering afforded by the two vessels at the docks. The storm lasted for about half an hour.

Other Games.

The winners of the other games, which took place in the afternoon, were:

Men's Running Race—for men 25 years and over. First, Harry Wagner, of Baltimore; second, William White, of Baltimore. Young Men's Running Race—Ward Perry, of Baltimore.

Boys' Running Race—Fred Sand, of Baltimore.

Married Women's Race—Mrs. William Robertson, of Washington.

Baltimore's Day.

Friday, August 18, was Baltimore's Day. At 10 a.m., as per schedule the visitors and their hosts were assembled at the Light street dock and amid much good nature and felicitations the two steamers, Annapolis and F. C. Latrobe set sail for the two-hour trip down the bay to Tolchester Beach. As before, the open-handed consideration for the inner man which characterizes the Baltimorean was turned loose and nobody was permitted to go either hungry or thirsty. Misfortune was not reserved for Henry, where the Stars and Stripes were first raised and other interesting points en route.

Ariving at the landing at Tolchester Beach the procession wended its way to the lawn in front of the pavilion where it had been whispered, an interesting event was to transpire. And so it did, as J. K. M. L. Ferguson of Boston stepped into the open space and calling for President George Asbell of Annapolis, addressed him in words eloquent with appreciative praise for the excellent manner in which he had met the heavy responsibilities of his office, his capacity for organization and ability in person and over his Society and presented him on behalf of the assembled members a beautiful solid silver service in a mahogany box. The presentation was responded with words full of heartfelt appreciation and promised a good time and a notable convention in his home town. President Asbell, in turn, in words eloquent, being called upon, responded gratefully for the honor that had been conferred upon him. Then came the games.

Horticulture.

Whilid cup, team making highest total in any of the games, Washington.

Kasting cup, team making highest total in any of the games, Washington.

Bayerz-door cup, team making second highest total in first 2 games, Washington.

Miss Oosie cup, team making second highest total in first 2 games, Cleveland.

Peter Oosie cup, team making third highest team, Philadelphia.

Helen Waterer cup, for man on highest team, 5 games, Washington.

F.C. Bamer cup, for man making most spades, without aces, Detroit. T. H. Patterson, 1 doz. fruit knives for man making most total points, 3 games, McLenan, Washington, D. C.

W. W. Garand cup, for individual on team making highest total score from distance, total 3 games, Peter Oosie, Chicago.

W. W. Garand cup, for individual making highest total score, 3 games, McLenan.

Miss McLennan, silver pitcher, most strikes, 3 games, Eiker, Washington, D. C.

William Johnson, silver bowl, for highest individual score in any 1 of 3 games, Eiker.

Pruick-Mebian Co., $5, for each man on team making 2nd highest score, total 3 games, Cleveland.

Mr. Hooe & Co., $10, for man making 2nd highest number of strikes in 3 games, McBride.

Helen Waterer, $5, for man 2nd highest number of strikes, 3 games, Dock.

The teams that comprised the bowling test were Washington, Cleveland, Philadelphia, Baltimore, New York, Buffalo, Cresson, and Chicago and winning teams were not named.

Individual Rolling.

Geo. Annan prize, $5, highest score, total 3 games, Geo. Annan; Fred Streetman cup, highest score, 241, Fred Streetman; Doug cup, 3rd highest score, 349, Patrick Walsh; Ladies' Comm. cutting, 4th highest score, 326—Michael O'Leary, Mrs. Chester, salad foot, 6th highest score, 324—H. D. Wedgwood; salad 5th highest score, 315—Boone; clock, 7th,—William B. Perry; 326—Leonard Wedgwood; 6th, 296—Guttman; box cigars, 10th, were tied and were divided.

American Gladiolus Society.

At the session of this Society on Wednesday, August 16, in addition to the proceedings as recorded in our last week's issue, the following business was transacted. The committee on recommendations in President's address, Messrs. Vaughan, Crawford and Cowee, advised the appointment of I. S. Hendrickson, Arthur Cowee and Carl Crop, with the secretary ex-officio, as a board of registry of new varieties with power to make trials, etc., subject to the approval of the executive committee, also authorizing the expenditure of $50 for dies for a society medal.

Treasurer Ful👴's report showed cash on hand $256.37, and Financial Secretary Yowell reported that there were $502.50 in membership and advertising accounts still due the Society of $345.

It was voted that the American Gladiolus Society adopt the following as a general standard for grading gladiolus:

First size, bulbs, 1 1/2 inches and up; second size bulbs, 1 1/2 inches to 1 1/4 inches.

At the session on Thursday Mr. Fitzpatrick of Cornell University gave a lecture and report of investigation of gladiolus diseases. The election of officers resulted as follows: President, I. S. Hendrickson; vice-president, E. H. Cushman; corresponding secretary, L. Merton Gage, financial secretary, H. Yowell; treasurer, Wm. Sperling; executive committee, Arthur Cowee, T. Beddington, F. W. Pengar; nomenclature committee, Arthur Cowee, Leonard Joerg, Professor Beal.

The nomenclature committee recommended and it was adopted that a committee be appointed by the president to secure or have printed a suitable color chart for the use of the members of the Society to be referred to the executive committee for approval and adoption, which shall be deemed advisable by the committee be copyrighted and sold to those wishing it.

The following committees were announced by President Hendrickson:

Membership—J. B. Hutchinson, Ralph Cushman, Geo. W. Parsons.
Boddington’s Quality Christmas and Winter-Flowering Sweet Peas

At the Exhibition and Convention of the National Sweet Pea Society of America, July 12th and 13th, 1910, we again won the C. C. Morse & Co.'s Silver Cup for the finest and best collection of Sweet Peas open to the trade only.


**BODDINGTON'S CHRISTMAS PINK.** A companion to our Christmas Pink. Just as free and profuse a bloomer. Oz., 15 cts.; ½ lb., 10 lbs.; ¼ lb., 80 cts.; lb., $1.50.

**BODDINGTON'S CHRISTMAS WHITE.** A companion to our Christmas Pink. Just as free and profuse a bloomer. Oz., 15 cts.; ¼ lb., 10 lbs.; ½ lb., 80 cts.; lb., $1.50.

**BODDINGTON'S WHITE.** This is the earliest and most profitable and useful Sweet Pea in cultivation, as by sowing the seed under glass in latter part of August, flowers can be cut from Thanksgiving Day to Christmas. The show is profuse and lasting. Name on application. Oz., 35 cts.; ½ lb., $1.50; lb., $3.50.

**BODDINGTON'S CANARY.** Similar to the above, but flowers of an exceptionally fine golden yellow. Oz., 35 cts.; ½ lb., $1.75; lb., $3.50.

**BODDINGTON'S DAIMINGO.** Color and O. H. F. blooming and early. Oz., 50 cts.; ½ lb., $1.50; ¼ lb., $2.75; lb., $5.00.

**BODDINGTON'S DAWNS.** Scarlet; fine open red flower. Oz., 35 cts.; ½ lb., 75 cts.; ¼ lb., $2.50; lb., $5.00.

**BODDINGTON'S CHRISTMAS CAPTAIN.** Blue and purple. Oz., 25 cts.; ½ lb., 75 cts.; ¼ lb., $1.75; lb., $5.00.

**Florance Denner.** Pure white, Oz., 15 cts.; ½ lb., 50 cts.; ¼ lb., $1.50; lb., $3.50.

**Magdalene.** Flowers of the color as Princess of Wales violet; has very large flowers. Oz., 25 cts.; ½ lb., 75 cts.; ¼ lb., $1.50; lb., $3.50.

**Miss Helen Gould.** White, open flower; standard blue, marbled. Oz., 25 cts.; ½ lb., 75 cts.; ¼ lb., $1.25; lb., $2.50.

**Miss Joyce Reilly.** Lilac; very large flower. Oz., 35 cts.; ¼ lb., 75 cts.; ½ lb., $1.75; lb., $5.00.

**Mrs. E. Wild.** Carmine or dark pink. Oz., 25 cts.; ½ lb., 75 cts.; ¼ lb., $1.25; lb., $2.50.

**Mrs. W. B. Smalley.** Satiny pink. Oz., 25 cts.; ½ lb., 75 cts.; ¼ lb., $1.25; lb., $2.50.

**Mrs. E. F. Delansky.** Daybreak pink. Oz., 25 cts.; ½ lb., 75 cts.; ¼ lb., $1.25; lb., $2.50.

**Mrs. Chas. H. Totty.** Sky-blue; late. Oz., 25 cts.; ½ lb., 75 cts.; ¼ lb., $1.25; lb., $2.50.

**Mrs. Zvolanski.** Blue, variegated; good for variety. Oz., 50 cts.; ½ lb., 75 cts.; ¼ lb., $1.50; lb., $3.00.

**Waltchman.** Pure white. Oz., 25 cts.; ½ lb., 75 cts.; ¼ lb., $1.25; lb., $2.50.

**Mrs. J. Stewart.** Blue. Oz., 25 cts.; ½ lb., 75 cts.; ¼ lb., $1.25; lb., $2.50.

All other varieties of Winter and Summer-Flowering Sweet Peas supplied Write for quotations.

Exhibition—H. Youell, R. Hammond Tracey, L. Merton Gage, J. B. Mc Ardle.


Mr. Cowce announced that through his efforts the State of New York had given the Society the sum of $1,000 to be used in the work at the trial grounds at Ithaca. Mr. Cowce was given a rousing vote of thanks.

Address of President Hendriksen.

Ladies and Gentlemen, Members and Friends of the American Gladiolus Society:

The first year of the American Gladiolus Society is past and gone to make history either good, poor or indifferent—which, I will not attempt to pass judgment on. However, one year is hardly long enough to really accomplish much in what seems to me to be the two most important lines of work, namely, the introduction of new varieties on the market, and creating interest in and love for our favorite flower. While million of bulbs are sold yearly, it is surprising to find how many people there are in the country who are not familiar or acquainted with gladioli at all, and only comparatively few people have any idea of the splendor and glory of the finer varieties that have been brought out and introduced during the past ten years, but a beginning has been made as the reports of the different committees will show. From a membership of 137 a year ago we have increased to 217. This increase we think is remarkable, considering the number of horticultural societies scattered all over the country.

Our special meeting held in Boston at the time of the National Flower Show was well attended and much interest was manifested in the discussions. The attempt for an exhibit of cut blooms was a failure, as it was found to be about four weeks too early. The present exhibit will speak for itself. We are indebted to the officers and directors of the S. A. P. and O. H. for the free use of the room in which the competitive exhibits are staged.

We have issued three bulletins during the year which have been a little more than self-supporting. Personal observation during the present summer convinces me more than ever that there is work for this society to do, and I feel encouraged at the present time for applying names to varieties. This is to be commended when the variety named has some distinguishing mark that can be applied to varieties that are inferior to varieties that have been in existence for years, it seems time to call a halt. Then again there is no doubt whatever that a lot of varieties are being renamed by growers who are not familiar with existing varieties. It seems to me that a great deal of this confusion could be avoided if our society could establish a bureau of registration where all new varieties could be submitted and passed upon before they are recognized as new varieties by the trade. I think it would also be interesting if we could establish a list of 100 best varieties and it might be well to establish a discard list to eliminate some of the kinds that have been superseded by later seedlings. I believe we can create a great deal of interest among local horticultural societies if the American Gladiolus Society would adopt some medal to be offered through the local societies for best exhibits of gladioli blooms. A uniform medal could be made without a great deal of cost to our society, and I think it would accomplish much in the spread of interest.

In conclusion I wish to express my appreciation of the honor in being the first president of the American Gladiolus Society. I bespeak the same loyal support of the membership; the successor in office, and predict a very useful and successful future for this society.

The Columbus Florist's Association of Columbus, Ohio, enjoyed an outing at Heathmandale Park on August 12. Before leaving the park a parade of several of the central streets was made in autos and at the park a picnic dinner and games were enjoyed.
When Ralph M. Ward of New York received cable advice of the flood in Japan which destroyed thousands of homes in and about the bulb district, he cabled the flood sufferers 2000 yen as a donation. The growers affected appreciated this kindness so much that they decided to get along without using the money as a relief, and established among themselves what they call the Flood Donation Commemoration Fund, and used the funds in buying up the very finest Giganteum seed bulbs produced in the Kingdom. The above photograph shows the results of the first year's planting and cultivation and demonstrates that an exceedingly high quality can be produced from the right planting stock. Their intentions are to supply Mr. Ward, beginning in 1912, with a grade of Giganteum superior to anything produced. The money is used entirely to promote quality, and the growers have their heart and soul devoted to the cause.

PERSONAL.

Frank Fillmore of St. Louis, had charge of the floral booth at the Royal Arcanum festival at Priestess Park, all of the last week.

Charles Scheineck, of Traendly & Scheineck, New York, returned from his European trip on Tuesday, August 14, looking much benefited by the voyage.

Many were the inquiries at the convention for Col. W. W. Castle of Boston, who, in recent conventions, has made so many warm friends among the members by his unique personality, and all were full of sympathy when they learned of his serious illness—lasting ever since last Easter—with many wishes expressed for his speedy return to good health.

On his return from Baltimore, J. K. M. L. Farquhar of Boston received a telegram inviting him to address the Lenox (Mass.) Garden Club on Tuesday afternoon, August 22, which he did at the parlors of Hon. Jos. H. Chaote, Stockbridge, and in the evening of the same day attended the meeting of the Lenox Horticultural Society, thus finishing up a most strenuous ten days.

Mr. H. A. Barnard, representing Stuart Low & Co., Bush Hill Park, Enfield, England, is due to arrive in New York soon on another American trip, and may be addressed at the Hotel Albert, 11th street and University place, New York.


NEW ROSES

Originated by Jackson Dawson

Lady Duncan, Dawson, Daybreak, Farquhar, William Egan and Minnie Dawson

WRITE FOR PRICES

We carry a very large stock of Fine Conifers, Deciduous Trees and Shrubs and Hardy Herbaceous Perennials

Send for Our New Illustrated Catalogue

EASTERN NURSERIES

Henry S. Dawson, Mgr.

JAMAICA PLAIN, MASS.
NEWPORT HORTICULTURAL SOCIETY.

After some hesitancy, due to the uncertainty of the annual state appropriation, this society has finally decided to hold its annual show on Sept. 16, 17 and 18. The schedule, which was completed at the regular meeting on August 24, includes a special feature: a huge exhibit of vegetables, fruit, flowers, herbs, and table decorations. Premiums in the regular classes are offered at unfavorable conditions, but the special prizes offered as follows are likely to make an excellent showing:

G. L. Reckman, for table decorations, $50; C. W. Whittier, for collections of flowering plants, $50; Mrs. T. J. Emen, for table decorations by professional florists, $50; Mrs. H. H. Aitken, for vases of outdoor flowers, $50; Mrs. C. G. Gooch, for table plants, $50; Richards Bros., for table decorations, silver cup; Mrs. G. B. Berwind, for table decorations, $25; Henry P. Morey, for hardy perennial flowers, silver cup; Thos. M. H. and W. Rand, for collection of vegetables, silver cup; R. & J. F. Johnson, for collections of gladioli dahlias by commercial growers, $25; John Lewis Childs, collection of gladioli, $25.

The committee of arrangements are John P. Hammond, Andrew L. Dorward and William Grey, who are fully expected to have something new and unusual for the exhibition. The society has now decided to hold its annual ball on the evening of Sept. 20th, and the following are a committee of arrangements to carry out the work: President Andrew S. Meikle, Wm. F. Smith, John T. Allan, J. Robertson and William Mackay. The show and ball will be in Masonic Hall.

MASSACHUSETTS HORTICULTURAL SOCIETY.

Considering everything, weather conditions, the summer exhibition at Boston last Saturday and Sunday was very creditable. Phloxes, asters and gladioli were the prominent features of the floral display, and there were many exhibitors. Most interesting to the plantmen, however, were the novelties by R. & J. Farquhar & Co., which included a selection of hortisoli, althiasilica and Koncena, a new delphinium and a large group of Lilium longiflorum. The tulip and herbaceous displays were also very fine. Outside of the regular premiums, special awards were made as follows:

- Special award—Montague Chamberlin for Gladiolus radicatus.

SOCIETY OF AMERICAN FLORISTS.

Department of Registration.

As no objections have been filed, public notice is given that the registration of the Begonia, "Betty Anderson," by S. A. Anderson, of Buffalo, N. Y., becomes complete.

August 29, 1911.

GARDENERS' AND FLORISTS' CLUB OF BOSTON.

The club will hold a field day at Cedar Acres, Wenham, Mass., on Saturday, August 26, 1911, to inspect the gladiolus fields of H. Hammond Tracy, whose name and fame as a grower of gladioli is too well-known to require any further mention.

A cordial invitation is extended to any outsiders the club who would like to make what will be a very enjoyable trip; ladies are specially invited to attend.

A special electric car will leave Scollay Sq. opposite Quincy House, Boston, at 12:30 o'clock. Running time to Wenham is 1 1/2 hours.

W. N. CRAIG, Sec.

CLUB AND SOCIETY NOTES.

At a special meeting of the North Shore Horticultural Society it was voted to hold its next show this fall in order to make room for the plant show similar action having been taken in regard to its June show owing to the season not having been favorable to the culture of flowers. The chrysanthemum show probably will be held in the autumn at Manchester, Mass.

The St. Louis Retail Florists' Association held its meeting on the night of Aug. 11. The attendance was surprisingly large and a great deal of important but not witnessed in the old right. A mail vote was taken among the local retailers for early closing, and 42 responded, of which 36 were in favor of closing early. Those Miller was appointed chairman of the legislative committee, to act with a committee appointed by the Florist Club to pull through the bill now before the house of delegates to stop "crepe pulling." Next meeting Monday, Sept. 12th, at 8 P.M.

INCORPORATED.


Madison, Wis.—The Capital City Greenhouse Co., incorporators, Fred Reutenschir, George Reutenschir, Albert Meyer and Jacob Kohl. This was formerly the Capital City Greenhouse. Fred Reutenschir, proprietor. They are building a range of houses for roses and carnations and will use the old range on Williamson street for plant culture. Other additions and improvements will be made.

Headquarters for FALL BULBS

Ralph M. Ward & Co.
12 West Broadway
New York City

Cold Storage Gigantum, Magnificum and Auratum ready for immediate delivery. Bamboo canes on hand.

For Fall Planting

Lilium Teufelium, Henry, Hansens, Wallerlau and Davuricum; Elegans vars.; Single Single in style: Thalia, Japan Tree Lily; Delphinium formosum; Japan and German Iris; Daphne Cham. Fall list ready in Aug.

E. S. MILLER
Wading River, N. Y.
Seed Trade

In a letter from W. Atlee Burpee, who is now in Europe, we learn that the only countries in Europe that have decent seed crops are Holland and Denmark. England, France and Germany are in a terrible condition. Mr. Burpee says that he saw field after field of Bush beans in Germany in which most of the plants were absolutely burned up, and the few plants having green leaves did not carry a single pod. Mangold and Sugar Beets by the hundreds of acres will yield from 1 to 2 cwt. per acre. Spinach also is almost a total failure there, while asters, unless they have rains immediately, will yield practically no seed. Potatoes and grains are also so poor that it is really a question of how the farmers can live. In England the grass is all burned up and there is practically no pasture for the cows, while peas are worse than last year. He states that it was really a satisfaction to get over to Ireland where they have had rains and where the grass is green.

European seed trade reports as they come to hand through the New York office are very depressing. In many sorts of seed it is no longer a question of percentage of yield, but whether or not the crop is a total failure.

The hot and dry weather in Belgium has also had a disastrous effect on all florists' plants, particularly azaleas, which are said to be stunted, and the situation is very critical with prospects most discouraging. The weather continues very hot and the shortage of water has almost ruined some growers, who will have great difficulty in filling contracts as to sizes and varieties ordered. Vander Cruysen and Simon Mardner are among the varieties most seriously affected.

A large German grower of liacs states that, in consequence of the unprecedented heat and killing drought, unprecedented in 77 years, pot liacs generally have suffered severely, the foliage being burnt and the flower buds being stunted and imperfect, so that the flowers must of necessity be crippled. Lily of the valley, also, has sustained a serious set-back and reports from week to week are more and more depressing. Many large fields are more or less shrivelled up, and this year's crop will be short, with superior quality decidedly scarce.

From Japan we learn that the Lonicera Glandulosa crop seems to be a failure, there being many very pessimistic reports from many growing districts. "Thunder shower rotting," "rain on winds," etc., are blamed for the trouble. We hope, however, that this may prove to be overdrawn, as is the case each year with our own peach crop. Time will tell.

A Correction.

The United States Seed Co. write us that we were incorrectly informed as to their moving to Minneapolis. The fact that they were successors of the Plant Seed Co., of St. Louis, in the garden seed department, made it necessary to have a chief wholesale distributing point farther north and Memphis was decided on. The Memphis office will be the business headquarters, although they are a Texas corporation.

WASHINGTON NOTES.

It is reported that the bureau of plant industry of the Agricultural Department has entered into negotiations for the construction of a nine-story building in the southeast section of the city in which to conduct its rapidly growing business. While the report is believed to be true, it has not been verified.

A circular letter is soon to be sent to each of the ladies who would be eligible to membership, asking their opinion as to the advisability of the formation of a ladies' auxiliary of the Washington Florists' Club. President Mayberry is of the opinion that such an organization, besides adding to the entertainment of the ladies, would prove a large benefit to the club itself.

Quite a number of the clerks of the local stores are bilking themselves of the receipts, and are turning them over to the person of their own choosing, who is the person to whom the clerk is to be indebted for the sale. This is causing considerable consternation among merchants in all lines. The Chamber of Commerce is taking the matter up with a view to protecting against its passage, and several of the florists have preferred their aid. Z. D. Back-stone is strongly opposed to such a tax, and W. F. Gudee thinks he will fill the vacancy rather than pay for it.

Two deaths were reported in the city within a week, that of William Radtke and J. H. Copeland, both gardeners. The case of the former was a particularly sad one in that Mrs. Radtke and his wife had planned an outing for the day on which his dead body was discovered. It seems that Mrs. Radtke had gone to bed leaving her husband to complete the preparations for the outing. Upon awakening in the morning she was startled to find him missing. A search found him sitting upon a chair in the kitchen, dead, with gas pouring out from a disconnected tube of a gas stove. His death was accidental. J. H. Copeland died at his home in Arlington, Va., at the age of sixty-five years, on August 13.

CLARENCE L. LINZ.

NEW ORLEANS, La.—The Metairie Ridge Nursery finds that larger quantities are necessary for their retail business and have decided to move to 135 Carondelet street. The new store will be remodeled.

Burpee's Seeds

PHILADELPHIA

BLUE LIST OF WHOLESALE PRICES MAILED ONLY TO THOSE WHO PLANT FOR PROFIT.

A COLDWELL LAWN MOWERS

Hand—Horse—Motor

Known All Over the World

Catalogue on Request.

NEWBURGH, N. Y.
MICHELL'S
Colossal Mignonette

The seed we offer is greenhouse grown, picked from specimen spikes only, and from a strain which has no superior in this country.

Fresh seeds ready now
Trade Packet, 40c $3.00 per oz.
WHOLESALE FALL CATALOGUE READY NOW
HENRY F. MICHELL CO.
518 MARKET STREET
PHILADELPHIA

TURNIP SEED BEANS
LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO

SEEDS, PLANTS, BULBS
All seasonable kinds of best quality
Special prices on large lots
JAMES VICK'S SONS,
Seedsmen
ROCHESTER, N. Y.

FINESI FLORISTS' SEEDS
Price list free on request.
Joseph Breck & Sons Corp.
47-54 No. Market St., BOSTON, MASS.

CHOICE SEEDS
FOR PRESENT PLANTING
Stocks, Asters, Chinese Primulas etc.
THOMAS J. GREY CO.
32 South Market Street, Boston, Mass.
Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas,
Growers for the Wholesale Trade Only.
SAN JOSE, CALIF.

Farquhar's Flower Seeds for The Florist
Write for our Wholesale Catalogue
R. & J. FARQUHAR & CO.
Boston, Mass.

LEAF FISKE-RAWSON CO.
FANNEUL HALL SQUARE BOSTON

SUNDRIES FOR THE FLORIST
Insecticides, Spraying
AND Fumigating Implements

Florists and Seedsmen Sell Your Own Scratch or Poultry Food
We will make it for you under your own brand for
$3.00 PER TON
Send today for sample 100 lb. bag, 50c. Mr. C. E. Jenson of Atlantic Co., N. J., on Oct. 24, 1910, writes as follows:—I want to state that your three grades of Poultry Food, Chick Starter, Developing Food and "Square Deal" Scratch or Poultry Food stands without an equal to day. They are perfect mixtures and sound in grain and a pleasure to handle.

J. BOLGIANO & SON,
Importers and Wholesale. Established for 82 Years.
Baltimore, M. D.

Cauliflower Cabbage
Mangold, Svede, Turnip
Lily of the Valley Pips
HJALMAR HARTMANN & CO.
COPENHAGEN, DENMARK.

Established 1820
Thorburn's Seeds
Asparagus Plamosus Nanus
New Crop Just Received
We offer while unsold as follows:
1,000 seeds $2.50
5,000 seeds and up @ $1.50 per 1000
10,000 seeds and up @ $1.00 per 1000
25,000 seeds and up @ $.75 per 1000
Cold Storage Lily of the Valley Pips
HIGHEST GRADE
Cases of 1000 pips @ $3.00 per case
Cases of 5000 pips @ 500 per case
J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

BRIDGEMAN'S SEED WAREHOUSE
RICKARDS BROS.
Props
37 East 19th St., NEW YORK CITY

Sphagnum Moss
In Bulk sizes; per bale $7.50, 6 bales for $30.00, 10 bales for $50.00
Larger Lots at Lower Prices.
The W. W. Barnard Co.
108-110 W. Kinzie St., CHICAGO
PARK GARDENING.

Read before the Florists' Club of Philadelphia, August 1st, by Xavier E. E. Schmidt.

To cover the subject of park gardening or park ornamentation would require a much more exhaustive essay than the time allotted would permit, for in no sphere in which the gardener or superintendent is interested is there a greater opportunity for diversity, from a horticultural standpoint.

In years gone by the park was a portion of territory set aside for the adornment of the passers-by and rarely was it permissible to divert from the paths or roads and commit the sin of walking on the grass or even to step on some shrub or plant to make close inspection. Fortunately the rank and file of the public who are sufficiently interested in our public parks and pleasure grounds are now accorded every opportunity to make a study of plants and trees to their satisfaction, which has been a great uplift to the public at large, because of the educational feature as well as recreation.

In view of this tendency and desiring to interest the public in our parks we must cater to their wants, or rather introduce new features in floral effects to make our parks and pleasure grounds inviting. Much is being done to use every available space in the heart of the cities in establishing recreation parks and breathing spots for those who will avail themselves of the privilege of using that which the authorities feel have become essential factors for the welfare and comfort of its citizens.

Park ornamental gardening has been for many years a set form, i.e., the bedding of high coloring, long lines of strong contrast, and this continues to be a leading feature which the visitors admire as the chief attraction. Unfortunately we cannot vary much in the plants used as only certain varieties can be used for this work to advantage, but we can change the design and have variety, even though the species are used from year to year.

A greater tendency has been of late years to resort more to narrow strips or borders of unique design in scroll work, and to eliminate large beds of special designs. This from two points of view is an advantage, first lessening the number of plants in the work and second, the narrow scrolls or strips are easier kept in shape. Evergreens are playing a very important part in cluster beds even for color—Lonicerasporas, Piceas, Juniperus, Biotas, Buxus, Plins, Taxins and Thuyas (both pyramidal and bush forms) in particular, as they are not only effective for color, but are also interesting in decided character and form. We count these beds as special features along drives, and when properly grouped, they become beautiful with age and symmetrical growth. Shrubbery of every known variety can be and is used to great advantage. Where trees are not grouped enough to form effect, the shrubs are used for a period with the best results, although they demand much care (and attention) to prevent their growing wildy and with injury to themselves.

Interesting and varying features are being adopted in many parks, as far as planting and care is concerned. I refer to the plan of beds, round, oval, diamond, or star-shaped planted with flowering or foliage plants, along the walks and drives on either side, and which are not duplicated except in one or two instances where formality leaves no other course; i.e., whatever is planted in one bed is not duplicated throughout the grounds; this not only becomes interesting in itself but is one of the strongest means of education. For this purpose every variety of annuals and perennials can be used to advantage. I will here name only a few of the leading classes: Delphiniums, Paeonias, Asters, Iris, Hollyhocks, Chrysanthemiums, Hemerocallises, Philos, Campanulas, Helianthus, etc., also Rhododendron and Azaleas. We are constantly receiving inquiries from park visitors asking when certain plants are at their best. This proves to a great degree that the public are becoming observing and in many cases these inquiries come from those who have their own private places with gardeners in charge.

Where conservatories are a part of the park features much can be done in periodical exhibitions of under glass stock, which will keep up the visiting during the entire year.

We must not lose sight of the fact that the parks' most valuable resource and asset is the tree; what would it be without the variation of these towering monarchs in their charming color throughout the year? The gardener or superintendent is an artist who points to the trees for future effects and in such variety and variation that they will group artistically and enhance their charm as they advance in size with age. Proper planting with open views into the distance bars the pedestrian and those in vehicles to all parts of the grounds. With each year's planting we study the weak points and endeavor to overcome them for the succeeding year. Sometimes our plans are thwarted because of extraordinary seasons of either moisture or drought, or even some new or pernicious insect which proves almost beyond control. In all work of park gardening it must be borne in mind that the most important duty is that of timely preparation for the next season. In Fairmount Park we are equipped with glass, forcing houses the advantages of which we are not in producing the required quantity of any one variety of plants often upsets plans seriously, hence the importance of having a supply beyond our actual needs. We grow for the total bedding.
Dreer's Variegated Pineapples

(ANANAS SATIVA VARIEGATA)

We are the first to offer this most beautiful of all variegated foliage plants in quantity and at prices nearly as low as good Pandanus Verschaffeltii can be purchased for. You will make no mistake in giving these a trial; it will make a change and variation in your foliage plants which will be appreciated by your customers and which will prove a profitable investment to you.

1-inch pots, fine plants $0.00 each
2-inch pots, fine plants 1.00 each
3-inch pots, fine plants 1.50 each

PHENIX ROEBELINII

We offer the most extensive stock in America of this beautiful, graceful Hardy Palm in excellent plants of good value.

24" pots, 18 months' old seedlings, $1.25 per dozen; $12.00 per 100; $100.00 per 1,000.

Each 1-inch pot, nicely characterized $0.05

3-inch pots, 12" high, 2 feet spread 1.25

Specimens, 6-inch pots, 15" foot high, 2 feet spread 2.00

* 4 " 2 feet high, 2½ ft. spread, heavy.. 2.00
* 8 " 3 " 3 " 3 " 3 " 5.00
* 15 " 3 " 6 " 6 " 6 " 7.00
* 15 " 3 " 6 " 6 " 6 " 10.00

For the most complete line of Decorative Plants and other Seasonable Stock see our Unusual Wholesale List.


In Fairmount Park:

2,750 Geraniums in eight varieties, John Doyle, J. S. Clippard, S. A. Nett, Cass Pink, Chicago Seedling, La Favorite, Mrs. Lauder and Mine, Salweat for sale; 2,000 Colors in four varieties, Verschaffeltii, Golden Verschaffeltii, Queen Victoria and Gold Bedder; 1,111 Acanthus Douglas; 4,620 Alternanthera Brilliantissima Prosper Park and aurea annua; 1,657 Echeveria atesangulnea, imperata, bracteosa, metallica, rossica and globosa extensa; 694 Sedum aureum; 500 Erinanthemum atropurpureum; 1,200 Abablon; 1,000 Acalypha tecedor; 2,275 Stein aequata variegata; 1,070 Salvia Mrs. Pure; 925 Cones; 1,060 Centaurea dealbata; 1,020 Acanthus, W. Nett, Sauer, de Antonie Croy, King Humbert, Richard Wallace, Duke of Marlborough and Florence Vauna; 915 Pundost; 1,105 Ixodes; 900 Chrysanthemums; 3,500 Tulips planted at Horticultural Hall; 4,000 miscellaneous bulbs for forcing; 50,000 Tulips planted in other parts. The list of other stock is too long to state here, so I will only give the total, 21,472.

(To be continued)

Convention Gurgles.

"The American Carnation Society won't stand for a March meeting."—Dohme-Baur in unison.

"You know what we're up against."—J. C. Vaughan. ("I will." Chicago slogan).

"Boston people think they own the earth. They're not in it."—J. B. Nugent.

"I'm out of politics."—E. G. Hill.

"As my friend, Ed Lonsdale used to say—defeated, but not dismayed.' That's me."—Geo. C. Watson.

"John Young's the candy boy, all right."—P. Welch.

"Get together."—Wallace R. Pierson.

"Wonder what did it. Do you suppose it was the clams I ate?"—Several sufferers.


"Only town on earth."—Louisville Fans.
CHICAGO NOTES.
Labor-Saving Device.

C. N. Dickinson, Mgr. of the E. H. Hunt Co., 111 N. Wabash Ave., is today showing his friends a little piece of mechanism which he calls the Fisher Plant Chip. It is simple in construction with nothing to break or get out of order and holds on to the vines with the grip of a bull dog. By actual test, with the aid of the chip two men tied as many carnation plants in one hour as two men tied in ten hours without it. The only difference required is in the outer lengthwise wires of the benches which should be of a little heavier wire than usual. We expect next week's paper for advertisement telling all about it and prices. The E. H. Hunt Co. is the oldest florists' supply house in Chicago and their manufacturing it is a guarantee of its worth. Ready for this fall.

Aviation Meet.
The Aviation Meet of the past week

STEAMER DEPARTURES

Allian.
Parishan, Boston-Glasgow...Sept. 1
American.
Philadelphia, N. Y.-Shanghai...Sept. 1
Anchor.
California, N. Y.-Glasgow...Sept. 2
Atlantic Transport.
Minneapolis, N. Y.-London...Sept. 2
Cunard.
Lusitania, N. Y.-Liverpool...Aug. 31
Hannover America.
K. A. Victoria, N. Y.-Hamburg...Aug. 31
Pres. Grant, N. Y.-Hamburg...Sept. 2
Holland America.
New Amsterdam, N. Y.-Rome...Aug. 31
Noordam. N. Y.-Rotterdam...Sept. 5
Lloyd Africa.
Canadian, Boston-London...Sept. 2
North German Lloyd.
K. W. der Goese, N. Y.-Rome...Aug. 31
P. Fr. Wilhelm, N. Y.-Bremen...Aug. 31
K. Wilhelm l. F. Bremen...Sept. 5
Red Star.
Kroo Island, N. Y.-Antwerp...Sept. 2
White Star.
Zeeland, Boston-Liverpool...Aug. 29
Celtic, N. Y.-Liverpool...Aug. 31
Georgie, N. Y.-Birkenhead...Sept. 1
Cyril, Boston-Liverpool...Sept. 5

probably was in the nature of a monetary loss to the Chicago florists. Hundreds of thousands of visitors were here but they were on the lake front and not buying flowers. Some of the retailers had their windows arranged so as to harmonize with the special idea of the week and J. Mangel was particularly successful in producing a monoplane. He also received the order from the Aviation Association for a floral piece to be sent to the family of St. Croix Johnson, who lost his life Aug. 15 when flying at the Chicago meet. Harry Hudson executed the work. It was a thing of beauty and a credit to the designer.

Homeward Bound.
An enthusiastic lot of florists are arriving day by day, each one reporting the Baltimore convention a great success. Michael Fink of Kennicott Bros. was one of the first to return. A card from A. T. Peters that his party are homeward bound and now the stay-at-homes will have their sorrows imbued by the tales of hospitality, etc., sure to follow.

ALEX. McCONNELL
571 FIFTH AVENUE
NEW YORK CITY

Orders for Steamer, Theatre, Hotel, or Residence Carefully Filled,

Wm. H. LONG
412 Columbus Ave.

DAVID CLARKE'S SONS
42 West 28 St., NEW YORK

"FLOWERS BY TELEGRAPH"

Flower Deliveries
In Brooklyn and other Long Island Points, New York City, Nationwide to Theatres, Hotels, Steamers or Residences

WILSON
Fulton St. and Greene Ave., Brooklyn, N.Y.

MATTHEWS FLORIST
DAYTON, OHIO.

The most elegantly equipped to take care properly of all orders for flowers entrusted to him night or day.
For Dayton, Ohio and Vicinity

"THE HOME OF FLOWERS"

The largest cut flower store in America. Orders for the TWIN CITIES and for all Northwestern points gives prompt attention.

HOLM & OLSON, Incorporated
ST. PAUL, MINN.

BOSTON'S BEST
In Quality and Design
Can be relied upon when you transfer your retail orders to

EDWARD MACMULKIN
194 Boylston Street, Boston

LOUISVILLE, KY.
JACOB SCHULZ,
650 South Fourth Ave.
WE'RE NO PIKERS

You know it if you were at Baltimore. We made THE HIT OF THE SHOW

LARGEST, MOST ATTRACTIVE AND MOST NOVEL

display ever made at any florists' exhibition in this country, rich in many unique novelties, shown for the first time and Exclusively Our Specialties. We had six representatives present, including our Mr. H. Bayerdsorfer who recently returned from his European trip.

Three Certificates of Honorable Mention

were awarded us by the Judges for our new introductions. Don't fail to send for our superb new Illustrated Catalogue of Florists' Goods. It will be ready about September 1, and will be the finest ever issued.

H. BAYERDSORFER & CO.
1129 Arch Street, PHILADELPHIA, PA.
The Florist Supply House of Americas.

Trade Jottings.

W. F. Vlk has added new wall cases and shelving to his retail store at 31st street and Ashland avenue. Mrs. Vlk, who had a serious case of blood poisoning is gaining slowly.

P. M. Bryant, Sec'y of the E. H. Hunt Co., left on Monday for a trip to Northern Wisconsin. He predicts the new Elastic-Loke putty will be a great success, for the trial orders are being followed now by large ones.

A. Mayer, who specializes in asters, says the weather this season has not been favorable to the crop. Short stems and many imperfect blooms are complained of. A new house of modern construction is being added this week. Otto Wittbold says the supply of kenteas and cyans are unusually fine this year, the conditions seemingly being just right to make them at their best. Gladioli are coming slower which he, as well as all other growers, appreciate.

Personal.

Mrs. E. H. Horton, for many years bookkeeper for Bassett & Washburn, has just returned from a much needed rest.

Paul Bloom is so far recovered that he is able to spend a portion of his time in the store again, which is being thoroughly overhauled.

Mr. and Mrs. H. C. Willbrandt of The Globe Greenhouses, 75 Madison street, have just returned from a five weeks' trip. They covered over 2500 miles without a single mishap, and reported a very enjoyable time.

Mr. and Mrs. George Wallack, 64th street, who have been in California for the past six weeks, returned Saturday. Mr. Wallack is loud in his praises of the Pacific coast, but says Chicago is good enough for the man who has an established business here.

Henry Wootton of J. A. DuBois' wholesale store is at Tomahawk Lake, Wis. Next week Claus Zayke will leave for a rest in Michigan. Miss Russell, who has not been with this firm long enough to entitle her to a vacation, is entertaining her friend Miss Burton of St. Louis, Mo.

Charlotte Mecheleson has had an extended vacation in Michigan, and is all ready for the opening of the fall season. Miss Mecheleson's retail store at 17th street and Grand Blvd. has been made attractive during the dull season, which, by the way, is never very dull here. Miss Elizabeth Mecheleson, who has assisted in the store the past year has now returned to Kewaskum, Wis.


"FLOWERS BY TELEGRAPH."

Leading Retail Florists Listed by Towns for Ready Reference.


Boston—Edw. MacMullin, 104 Boylston St.

Bostons—Julius A. Zinn, 1 Park St. Brooklyn—N. Y.—Robert G. Wilson, Fulton St. and Greene Ave.

Buffalo, N. Y.—Palmers 304 Main St. Chicago—William J. Smith, Michigan Ave. and 31st St.

Detroit—O. Matthews, The Florist, Detroit, Col.—Park Floral Co., 1643 B'way.

Davenport, Mich.—J. Breitmaier's Sons, Island and Grafton Ave.

Kansas City, Mo.—Samuel Murray, 912 Grand Ave.

Kansans City, Mo.—Wm. L. Rock Flower Co., 1110 Walnut St.

Louisville, Ky.—Jacob Schelz, 550 South Fourth Ave.

New York—David Clarke's Sons, 2329-2341 Broadway.


New York—Young & Nueselt, 42 W. 25th St.

New York—Dardis, N. E. cor. 64th St. and Madison Ave.

St. Paul, Minn.—Holm & Olson.

Toronto, Can.—J. H. Dunlop, Yonge Sts.

Washington, D. C.—Cady Bros., 1214 F St.

Wellesley, Mass.—Tailby.
Boston Flower Exchange, Inc.

The Twentieth Annual Sale of Stalls in the Boston Flower Exchange Market

Basement of Park St. Church, 1 Park St., Boston, will take place September 2, 1911, at 9:30 o'clock, A.M.

W. C. Stickel, Pres.
George Cartwright, Treas.

Wholesale Flower Markets—Trade Prices Per 100

<table>
<thead>
<tr>
<th>ROSES</th>
<th>Boston</th>
<th>Chicago</th>
<th>St. Louis</th>
<th>Philadelphia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug. 24</td>
<td>Aug. 27</td>
<td>Aug. 24</td>
<td>Aug. 27</td>
<td></td>
</tr>
<tr>
<td>Ams. Bounty, fancy and species</td>
<td>14.00</td>
<td>15.00</td>
<td>12.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Extra</td>
<td>12.00</td>
<td>13.00</td>
<td>10.00</td>
<td>9.00</td>
</tr>
<tr>
<td>No. 1</td>
<td>10.00</td>
<td>11.00</td>
<td>8.00</td>
<td>7.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>8.00</td>
<td>9.00</td>
<td>6.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Richmond Charnonay, Fancy &amp; Spl.</td>
<td>3.00</td>
<td>4.00</td>
<td>2.50</td>
<td>2.00</td>
</tr>
<tr>
<td>Spl. &amp; Large Sizes</td>
<td>2.00</td>
<td>3.00</td>
<td>1.50</td>
<td>1.25</td>
</tr>
<tr>
<td>Killarney, Maryland, Fancy &amp; Spl.</td>
<td>3.00</td>
<td>4.00</td>
<td>2.50</td>
<td>2.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>2.00</td>
<td>3.00</td>
<td>1.50</td>
<td>1.25</td>
</tr>
<tr>
<td>Pride, 'Maid,'</td>
<td>3.00</td>
<td>4.00</td>
<td>2.50</td>
<td>2.00</td>
</tr>
<tr>
<td>Killarney, fancy, Tall,</td>
<td>2.00</td>
<td>3.00</td>
<td>1.50</td>
<td>1.25</td>
</tr>
<tr>
<td>Carnations, First Quality, Ordinary</td>
<td>1.00</td>
<td>1.25</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>1st. to 25</td>
<td>1.00</td>
<td>1.25</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>25c. &amp; Up</td>
<td>1.00</td>
<td>1.25</td>
<td>1.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Miscellaneous

<table>
<thead>
<tr>
<th>Cattleyas</th>
<th>10.00 to 25.00</th>
<th>20.00 to 50.00</th>
<th>10.00 to 25.00</th>
<th>10.00 to 25.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lillies, Longstem</td>
<td>4.00 to 5.00</td>
<td>6.00 to 10.00</td>
<td>10.00 to 20.00</td>
<td>10.00 to 20.00</td>
</tr>
<tr>
<td>Lily of the Valley, fancy &amp; species</td>
<td>2.00 to 4.00</td>
<td>3.00 to 5.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
</tr>
<tr>
<td>Crysanthemums</td>
<td>1.50 to 2.50</td>
<td>2.50 to 5.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
</tr>
<tr>
<td>Gladioli</td>
<td>2.50 to 3.00</td>
<td>3.50 to 5.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
</tr>
<tr>
<td>Asters</td>
<td>1.50 to 2.00</td>
<td>2.50 to 4.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
</tr>
<tr>
<td>Dahlias</td>
<td>5.00 to 10.00</td>
<td>10.00 to 20.00</td>
<td>20.00 to 50.00</td>
<td>20.00 to 50.00</td>
</tr>
<tr>
<td>Dahlias, fancy, Tall,</td>
<td>1.50 to 2.50</td>
<td>2.50 to 5.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
</tr>
<tr>
<td>Sweet Peas</td>
<td>15.00 to 20.00</td>
<td>25.00 to 50.00</td>
<td>25.00 to 50.00</td>
<td>25.00 to 50.00</td>
</tr>
<tr>
<td>Gardenias</td>
<td>8.00 to 15.00</td>
<td>15.00 to 30.00</td>
<td>30.00 to 60.00</td>
<td>30.00 to 60.00</td>
</tr>
<tr>
<td>Asiaticas</td>
<td>6.00 to 15.00</td>
<td>15.00 to 30.00</td>
<td>30.00 to 60.00</td>
<td>30.00 to 60.00</td>
</tr>
<tr>
<td>Smilax</td>
<td>10.00 to 25.00</td>
<td>20.00 to 50.00</td>
<td>50.00 to 100.00</td>
<td>50.00 to 100.00</td>
</tr>
</tbody>
</table>

Asparagus Plumous, strings (100) | 25c. to 50c. | 50c. to 1.00 | 1.00 to 2.00 | 1.00 to 2.00 |

& Spren. Per doz. | 10.00 | 15.00 | 20.00 | 25.00 |

J.A. Budlong
82-84-86 E. Randolph St., Chicago

Our Stock Is A-I and It Is Quality Not Prices That Talks

Chicago Flower Growers’ Association

Wholesale Growers of Cut Flowers and Plants

176 N. Michigan Ave., Between Randolph and Lake Streets, Chicago

Henry M. Robinson & Co.

15 Province St., 9 Chapman Pl., Boston, Mass.

Everything in Flowers

Complete Stock of Florists’ Greens, Three Floors of Florists’ Supplies.

Try My Prices.

J. JANSKY

Tel. Main 5922-1, Boston, Mass.

119 Province St., Manufacturer of Florists Wire Designs. All Kinds of Florists Supplies.

New Crop Daggers and Fancy Forns, $1.75 per 1,000. Green and Bronze Galvan, 5c. per 1,000; by the case, 75c. Boxwood, 50-1th., or 1, $7.50; by the lb., 25c. Laurel Wreaths, 16-inch, $1.75 per doz.; 12-inch, $2.25 per doz.; 10-inch, $3.00 per doz.; 8-inch, $4.00 per doz. Laurel Trimming, 4 and 5c. per ft.

The Leo Niessen Co.

Wholesale Florists

1209 Arch Street, Philadelphia, Pa.
Flower Market Reports.

Summer trade has kept up pretty well in this market for a time, but at the present the increased cut of asters, gladioli, etc., has overloaded the wholesale places and caused a slump from the prices that have prevailed of late. Asters are so plentiful that it is not possible to find an outlet for them except at cut prices. Nobody can find fault with the quality which is all right, Gladioli of the Shakespeare, Lafayette, Mrs. King and America type are doing fairly well, but the index of heavy invoices of mixed gladioli from outside sources at very low figures makes it impossible to realize adequate prices for these excellent and popular varieties. Roses are at the lowest round of the ladder. As a rule they have been good excepting the small flowers from young plantations, and these it is not possible to dispose of, even the street fakers shunning them. The newer varieties or roses, especially Prince de Bulgarie and Lady Wellington seem to have struck the popular fancy and are selling well. Other things normal for the season.

BUFFALO nothing doing from Monday to Friday, and then Saturday being only a fair clean-up day. From the wholesaler's point of view, it was the quietest of the summer season. Stock accumulated early in the week, and when unloading day came, which is looked for on Friday and Saturday by the largest portion remained with them. Gladioli are very plentiful, especially in the mixed colors, and seem to remain long. Only a part of the fancy varieties move to advantage. The winding up of the early crop of asters brought in everything that had a stem, and there were plenty. Only a few choice branching are had, but the week coming will bring them in better quantity and quality. There is an over supply of short roses, especially white and pink Killarney, which are mid-season and hard to dispose of. There are some good summer roses, and Maryland in the extra and fancy grades, sell ready. It is hoped that market conditions will improve the coming week.

The glut in gladioli that CHICAGO showed last week has passed over, and with the lesser quantity comes a little increase in the demand. Not that there can really be said to be a demand for anything, but it comes nearer to it than any time last week when business was practically at a standstill. All attention was on the fliers, and the aviation field has taken the place of social events, so aside from a few funeral orders there was no use for flowers, and most of the retailers might as well have closed their doors and followed the crowds. Dahlias are coming in now, the first ones appearing this week. Asters are still holding most of the space on the counters, and on many of them no price prevails. Of the best ones sales last week were very slow, and only wholesalers having a shipping trade disposed of any considerable quantity of their stock. This week, the last one in August, opens a little better, and the trade in general is hopeful that better days are near at hand.
M. C. FORD
Successor to FORD BROTHERS
121 West 28th Street NEW YORK
FINE ROSES. FANCY CARNATIONS
A Full Line of All CUT FLOWERS.
Telephone 3670 or 3871 Madison Square

H. E. FROMENT
Wholesale Commission Florist, Choice Cut Flowers,
47 West 28th St. :: NEW YORK
Telephones: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send
for quotations. Correspondence with
shippers of first-class stock invited.
55 West 28th Street, New York
Telephone 4638 or 4637 Madison Square.

Edward C. Horan
Wholesale Florist
55 WEST 28TH ST.

PREEMINENT FLORISTS

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ MAURICE L. GLASS
Cooper Building, 55-57 West 28th Street
NEW YORK CITY
Telephone 7211 Madison Square Open from 6 a.m. to 6 p.m.

THE KERVAN COMPANY
Fresh Cut Evergreens, Mosses,
Southern Smilax, Ilexes and Laurus Nobilis.
Preserved and Fresh Cut
Cycads and Palmettos.
Tel. 1511 Madison Square 113 W. 28 St., New York.

REED & KELLER
122 West 25th St., New York
Florists' Supplies
We manufacture all our
Metal Designs, Baskets, Wire Work & Novelties
and are dealers in
Chamomile, Decorative Greens and Florists' Equipment

M. C. FORD
Successor to J. RAYNOR
Wholesale Commission Florist
A Full Line of Choice Cut Flowers Stock for all purposes
by the 100, 1000 or 10,000
TEL. 1996 MADISON SQUARE 49 West 25th St., New York City

ROSES AND CARNATIONS

American Beauty. Fancy and Special. $1.25
" " Extra. $1.00
" " Nr. 1. $0.75
" " Lower Grades. $0.50
Richmond, Chatsworth, Extra and Special. $1.25
" " Lower Grades. $1.00
Killarney, My Maryland, Extra and Special. $0.75
" " Lower Grades. $0.50
Bride. "Pall. $2.00
Kaiserin, Carnet, Tall. $1.50
Carnations, First Quality. $1.00
" " Ordinary. $0.75

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephone 1660 Madison Square

SIEBRECHT & SIEBRECHT
Wholesale Florists
136 W. 28th St., New York City

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., New York
Shipments at any quality, Wholesale Market Rates.

ROBERT J. DYSART
Public Accountant and Auditor
Simple methods of correct accounting especially adapted for florists to use.
Books Balanced and Adjusted
Merchants Bank Building
28 STATE ST. BOSTON
Flower Market Reports

(Carried on from page 19)

The past week has been one of the dull-est of the season. Everything is stagnant, and the Baltimore Convention might as well have extended over another week, so far as the wholesalers' absence from the seat of trade is concerned. Roses are perhaps the most disheartening and humiliating item in the list. They are de- dulously bad, and nobody wants them. American Beauty is the only exception, and in that respect it is but spasmodic. Asters and gladiolus clog the wholesale channels, and are not worth the cost of sending them to market, for the flowers are small and unfinished, a result of the abnormal weather con-ditions prevailing hitherto. Hy-drangeas are being sent in large quantities, also tritonnas and other hardy garden material, all of which has an uphill struggle to get recognition in these dull times. The situation just now is simply a patient wait for a seasonable improvement to de velop.

There was very little Improvement in local trading last week. The market seems to be at its lowest ebb. The wholesale business seems on the wane and nothing little rift came in the clouds in the shape of outside orders. These latter gave a welcome fillip to the general situation, and relieved it somewhat. But on the whole it was a poor week, and we see no medals on any part of it. The great flower at present is, of course, the aster. There are some good ones now. We saw some beauties for the first time this year at Pennock Bros. We were told that they were grown by William Didden, and we can well believe it, as we had the opportunity this time last year of seeing what he could do. In spots, there are some other grades of asters that are pretty good. They are improving. In regard to gladioli: these although on the wane now—as to quantity—are still coming in of excellent quality, and meet with ready sale. The rose market remains about as last reported. The "Rhode Island Reds," which term means eastern-grown American Beauty, hold their own pretty well, and while in rather small supply, still seem enough to fill the bill, and there is no appreciable change in the market. The Kaiselcy market has im-proved. Some very fine stock is com-ing in at present. Maryland is a little off, and pink Killarney has the ad-vantage most distinctly for the time being. Most other stocks normal. Orchids very scarce: a few good Catt- leyan Harrison—and that is all.

Business has picked up somewhat, and the local retailers have bought considerable stock during the last week, but daily consignments have been so heavy in asters, roses, gladioli and tuberose spikes that there is plenty left over. As to prices for the various grades and varieties we can only say that they have been low. Tuberoses of the single ever-last ing have been coming in large lots and are down to $1.00 per hun-dred spikes, while ten days ago they brought $3.00 to $4.00 per hundred.

AUCTION SALE OF MARKET STALLS

The Boston Flower Exchange, 1 C. Park St., will hold its annual sale of choice of stalls on Saturday morning, September 2. Don't forget this important event. See advertisement.

The Boston Co-Operative Floral Market, 2 Park St., will hold its sale at the same time.

NEWS NOTES

Kansas City, Mo.—Sam Murray is putting in new hothouses and getting his place in readiness for a good winter's business, Miss Mary Hayden, his popular store manager, is enjoying a two-months' vacation.

San Francisco, Cal.—The Pacific Coast Horticultural Society, an or ganization composed of florists, nur seriesmen and gardeners, in San Fran cisco, has inaugurated a movement closing all florist shops at noon, begin ning Sunday, August 13. The move ment is meeting with general favor.

PHILADELPHIA NOTES.

A sensation of the trade display for many florists was the exhibit of M. Rive & Co. of their new prepared hybrid Asters. It is difficult, Kent Bros., from the natural. Absolutely dis tinct from the painted leaves. The process is a German patent which the firm controls in the U. S., and was appropriately awarded "Honorable Mention Certificate" by the S. A. F.

A star party was arranged on Tues day in honor of Will Currie of Mil waukee, by John Westcott. Some went by auto, some went by train. H. H. Battles, John Burton, Daniel Donoghue, Dr. Lane, Robert Craig and others were in it. The objective point, of course, was the bungalow on Bar regat Bay. It was the old Isle of Pines crowd. Westcott, Donoghue, Craig, Lane, and as special complimentary Will Currie. Mr. Burton gave the guest and as many of the party as possible the delight of seeing Jersey by auto.

Buyer's Directory and Ready Reference Guide

Advertisements under this head; one cent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Buyers failing to find what they want in this list will confer a favor by writing us and we will try to put them in communication with reliable dealers.

ACCOUNTANT
R. J. Dyar, 28 State St., Boston.
For page see List of Advertisers.

AMPELOPSIS
AMPELOPSIS VEITCHII
Round seedlings, 50c per 100, $1.00 prepaid.
F. Pearson, 5732 Garnision St., Chicago.

ANNUAL SALE OF STALS
Boston Flower Exchange, Boston, Mass.
For page see List of Advertisers.

BOSTON CO-OPERATIVE FLOWER MARKET,
Boston, Mass.
For page see List of Advertisers.

ARACHNIDS
For page see List of Advertisers.

ASPARAGUS
For page see List of Advertisers.

ARTSTONE FLOWER VASES
Patrick Grace, Brighton, Mass.
For page see List of Advertisers.

ASTRANTIA
E. E. Hunt, Chicago, III.
For page see List of Advertisers.

AZALEAS
P. Ouwerkerk, Holoken, N. J.
For page see List of Advertisers.

BOUQUET FLOWERS
For page see List of Advertisers.

BOUQUET FLOWERS
For page see List of Advertisers.

BOUQUET FLOWERS
For page see List of Advertisers.

BOUQUET FLOWERS
For page see List of Advertisers.

BULBS AND TUBERS
Joseph Breck & Sons, 47-54 N. Market St., Boston.
For page see List of Advertisers.

CARNATION—Continued
I. M. Rayner, Greenport, N. Y.
FIELD GROWN CARNATIONS—White
Enchantress, Fair Maid, Harry Penn, Law-son, White Perfection, Queen, Harry Penn, $6.00 per 100, cash, Chas. H. Green, Spencer, Mass.

CARNATIONS, field-grown, strong plants, Enchantress, Winsor, White Perfection, Queen, Harry Penn, $6.00 per 100, cash, Chas. H. Green, Spencer, Mass.

CARNATIONS—Continued
I. M. Rayner, Greenport, N. Y.
FIELD GROWN CARNATIONS—White
Enchantress, Fair Maid, Harry Penn, Law-son, White Perfection, Queen, Harry Penn, $6.00 per 100, cash, Chas. H. Green, Spencer, Mass.

CARNATIONS, field-grown, strong plants, Enchantress, Winsor, White Perfection, Queen, Harry Penn, $6.00 per 100, cash, Chas. H. Green, Spencer, Mass.

CARNATIONS, field-grown, strong plants, Enchantress, Winsor, White Perfection, Queen, Harry Penn, $6.00 per 100, cash, Chas. H. Green, Spencer, Mass.

CARNATIONS, field-grown, strong plants, Enchantress, Winsor, White Perfection, Queen, Harry Penn, $6.00 per 100, cash, Chas. H. Green, Spencer, Mass.

CARNATIONS, field-grown, strong plants, Enchantress, Winsor, White Perfection, Queen, Harry Penn, $6.00 per 100, cash, Chas. H. Green, Spencer, Mass.

CARNATIONS, field-grown, strong plants, Enchantress, Winsor, White Perfection, Queen, Harry Penn, $6.00 per 100, cash, Chas. H. Green, Spencer, Mass.

CARNATIONS, field-grown, strong plants, Enchantress, Winsor, White Perfection, Queen, Harry Penn, $6.00 per 100, cash, Chas. H. Green, Spencer, Mass.

CARNATIONS, field-grown, strong plants, Enchantress, Winsor, White Perfection, Queen, Harry Penn, $6.00 per 100, cash, Chas. H. Green, Spencer, Mass.

CARNATIONS, field-grown, strong plants, Enchantress, Winsor, White Perfection, Queen, Harry Penn, $6.00 per 100, cash, Chas. H. Green, Spencer, Mass.

CARNATIONS, field-grown, strong plants, Enchantress, Winsor, White Perfection, Queen, Harry Penn, $6.00 per 100, cash, Chas. H. Green, Spencer, Mass.

CARNATIONS, field-grown, strong plants, Enchantress, Winsor, White Perfection, Queen, Harry Penn, $6.00 per 100, cash, Chas. H. Green, Spencer, Mass.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.

CORNHUSK REVOLUTION
For page see List of Advertisers.
Dahlias—Continued
Dahlias—2000 field clumps, latest varieties, cheap for cash; or what have you to exchange. H. Walker, Dahla Expert, North Dighton, Mass.

Dahlias, divided roots, from 1 to 5 eyes to the piece. Send for list and get the latest varieties. New England Dahlia Farm, Brook-
ton, Mass.

DAHLIAS NEW FOR 1911.
Dorothy Deacon, Mrs. J. Gardner Cas-
nett, Golden Weddings, New Century Dahl-
ias, etc. Big stock of best cut flower dahlias. Write for surplus list and special prices. Peacock Dahlia Farm, Williams-
town, Conn., N. J., Post Office, Berlin, N. J.

DECORATIVE PLANTS
A. Leuthy & Co., Perkins St., Nursel-
ors, Roslindale, Mass. For page see List of Adventurers.

Robert Craig Co., Market and 4th Sts.,
Philadelphia, Pa. For page see List of Adventurers.

John Scott, Brooklyn, N. Y. For page see List of Adventurers.

EVERGREENS
New England Nurseries, Bedford, Mass. For page see List of Adventurers.

Bobblak & Atkins, Rutherford, N. J. For page see List of Adventurers.

FEARS
A. Leuthy & Co., Roslindale, Mass. For page see List of Adventurers.

H. H. Barrows & Son, Whitman, Mass. For page see List of Adventurers.

John Scott, Brooklyn, N. Y. For page see List of Adventurers.

Frank Oechelkin, 4011 Quincy Street,
Chicago, Il. For page see List of Adventurers.


F. R. Pierson Co., Tarrytown-on-Hudson,
N. Y. For page see List of Adventurers.

Joseph Heacock, Wyocote, N. Y. For page see List of Adventurers.

The George Withbod Co., Chicago, Ill.

Bostons, strong 5 and 6 inch plants from bench ready, by Oct., $15.00 and $25.00 per 100. E. F. Loomis, 1341 N. Springfield aven-
ue, Chicago, Ill.

FERTILIZERS
20th Century Plant Food Co., Beverly,
Mass. For page see List of Adventurers.

Purified Manure Co., 31 Union Stock
Yards, Chicago, Ill. For page see List of Adventurers.

Hardwood ashes, heat fertiliser on earth for lawns and gardens. George Stevens, Peterborough, Ont., Canada.

FLORISTS’ ENCYCLOPEDIA FREE

FLORISTS’ LETTERS
Boston Florist Letter Co., 66 Pearl St.,
Boston, Mass. For page see List of Adventurers.

FLORISTS’ SUPPLIES
N. E. McCarthy & Co., 81 Hawley St.,
Boston, Mass. For page see List of Adventurers.

H. M. Robinson & Co., 15 Province St.,
Boston, Mass. For page see List of Adventurers.

M. Rice & Co., 1220 Race St., Phila., Pa. For page see List of Adventurers.

FLORISTS’ SUPPLIES—Continued
Reed & Keller, 122 W. 23rd St., New York. For page see List of Adventurers.

H. Bayersdorfer & Co., 1129 Arch St.,
Philadelphia, Pa. For page see List of Adventurers.


FLOWER POTS
W. H. Ernest, 20th and M Sts., C.
For page see List of Adventurers.

Hilfinger Bros., Ft. Edward, N. Y. For page see List of Adventurers.

Syracuse Pottery Co., Syracuse, N. Y. For page see List of Adventurers.

For page see List of Adventurers.

Peters & Reed Pottery Co., Zanesville, O. For page see List of Adventurers.

FORGET-ME-NOTS
Forget-me-nots, 1500 Royal Blue, 24 in.
pots, 200 Victoria in flats, large plants, $1.50 per 100. Cash. M. H. Snodders Co.,
257 Burnett St., Providence, R. I.

FRUIT TREES
Dwarf Fruit Trees, by F. A. Waugh, mailed to your address for 50 cents by Horticulture Publishing Co., 11 Hamilton Place,
Boston.

GALAX
Michigan Cut Flower Co., 38 and 40 Broad-
way, Detroit, Mich. For page see List of Adventurers.

Kervan Co., New York. For page see List of Adventurers.

H. M. Robinson & Co., 15 Province St.
For page see List of Adventurers.

GERANIUMS
R. Violett, Jr. & Sons Co., White Marsh,
Maryland. For page see List of Adventurers.

GLADIOLUS
John Lewis Childs, Flowerfield, L. I., N. Y.
Frank Bunding, Kimona, O. For page see List of Adventurers.

Silver Trophea and Florist Mixture Gla-
diolus bulbs, $1.00, large also small sizes, for sale in October, S. E. Spencer, 38 Con-
verse St., Roslindale, Mass.

GLASS
Boston Plate & Window Glass Co., Boston.
For page see List of Adventurers.

Standard Plate Glass Co., 20-30 Sudbury
St., Boston. For page see List of Adventurers.

Foley Mfg. Co., Western Ave., between 25th and 26th Sts., Chicago. For page see List of Adventurers.

Sharp, Partridge & Co., 22d and Lauber
Sts., Chicago. For page see List of Adventurers.

Van Etten Bros., 59 Montrose Ave.
Syracuse, N. Y. For page see List of Adventurers.

Parahsky Bros., Inc., 50 Montrose Ave.
Syracuse, N. Y. For page see List of Adventurers.

Metropolitan Material Co., 1362-1402 Met-
ropollan Ave, Brooklyn, N. Y. For page see List of Adventurers.

Greenhouse glass, lowest prices John-
dson Glass Co., Hartford City, Ind.

GLAZING POINTS
H. A. Drew, Tarrytown-on-Hudson, N.
Y. For page see List of Adventurers.

Overleaf Glazing Point For page see List of Adventurers.

GOLD FISH
Gold fish, aquarium plants, snails, cas-
ses, shells, aquarium fish foods, nets, etc., wholesale. Franklin Barrett, breeder,
1815 W. 2nd St., Philadelphia. Large brood-
ing stocks for sale. Send for price lists.

GREENHOUSE GLAZING PUTTY

GREENHOUSE BUILDING MATERIAL
A. T. Stevens Lumber Co., Norwalk,
Conn. For page see List of Adventurers.

King Construction Co., N. Tonawanda,
N. Y. For page see List of Adventurers.

J. C. Moelinger Co., 117 East Blackburn
St., Chicago, Ill. For page see List of Adventurers.

Pecky Cypress for benches. For page see List of Adventurers.

R. Jacobs & Sons, 1230 W. Van Styning Ave,
Brooklyn, N. Y. Lord & Burnham Co.,
1133 Broadway, New York.

GREENHOUSE CONSTRUCTION
Foley Mfg. Co., Chicago. For page see List of Adventurers.

King Construction Co., N. Tonawanda, N. Y. For page see List of Adventurers.

HILDEBROH
Sheflord Nurseries, 11170 Broadway, N. Y. For page see List of Adventurers.

Lord & Burnham, 1130 Broadway, New
York.

Pierson U-Bar Co., Madison Ave, New York
Designer and Builder.

GUTTERS
King Construction Co., N. Tonawanda, N. Y. King Channel Gutters.
For page see List of Adventurers.

HAIL INSURANCE
Florists’ Hall Assn., New America.
J. G. Esler, Saddle River, N. J. For page see List of Adventurers.

HARDY FERNS AND SUPPLIES
For page see List of Adventurers.

Michigan Cut Flower Exchange.
28 and 40 Broadway, Detroit, Mich. For page see List of Adventurers.

The Kervan Co. For page see List of Adventurers.

J. Jansky, Boston, Mass. For page see List of Adventurers.

HEATING APPARATUS
Kroeschen Bros., 460 Erie St., Chicago.
For page see List of Adventurers.

Lord & Burnham Co., 1133 Broadway, New
York.

HERBACEOUS PLANTS
P. Owerkerk, P. O. No. 1, Hoboken, N. J.
For page see List of Adventurers.

New England Nurseries, East Boston,
Mass. For page see List of Adventurers.

Bobblak & Atkins, Rutherford, N. J. For page see List of Adventurers.

HIEROCALLIS LILY
Fulva. $2.50 per 100. T. H. Harrington’s
Select Nursery Co., York, N. H.

HOSPE

HOT-BED SASH
A. T. Stevens Lumber Co., Norwalk, Conn.
For page see List of Adventurers.

Foley Mfg. Co., Chicago. For page see List of Adventurers.

Parahsky Bros., Brooklyn, N. Y. For page see List of Adventurers.

Lord & Burnham Co., 1133 Broadway, New
York.

HYDRANGEA
F. P. Pierson Co., Tarrytown-on-Hudson,
New York. For page see List of Adventurers.

INSECTICIDES
Eastern Chemical Co., Boston, Mass.
For page see List of Adventurers.

in writing to Advertisers kindly mention Horticulture
HORTICULTURE
August 26, 1911

INSECTICIDES—Continued
Nicotinolke kills all greenhouse pests. For price list see List of Advertisers.


Killed Spiders, Weevils, Mites, Etc. For price see List of Advertisers.

Aphirine Manufacturing Co., Madison, N. J.

Aphirine. For page see List of Advertisers.

R. Hatfield & Brother, Owosso, Mich.

For price see List of Advertisers.

NURSERY STOCK—Continued
Bay State Nurseries, North Ablington.

Hardy, Northern Grown Stock. For page see List of Advertisers.

McHutchinson & Co., New York, N. Y.

Duchesnay Nurseries. For page see List of Advertisers.

Loechner & Co., New York, N. Y.

For page see List of Advertisers.

Wilson Plant Oil and Fertilizer Co., New York, N. Y.

Wilson Plant Oil. For price see List of Advertisers.

Hammond's Paint & Drug Works, Hudson, N. Y.

Hammond's Copper Solution and Slug Shot.

For page see List of Advertisers.

Acme Insecticide sold direct to the grower. Acme $1 per cent. Liquid, 1 quart, $1.75; gallon $12.50. Acme Fumigating Paper, case of 288 sheets $5.50. Sample can of 24 sheets 60 cents, postpaid. J. P. Beermann, 9 Washington Ave., St. Louis, Mo.

JAPANESE LILIES
Loechner & Co., New York, N. Y.

For price see List of Advertisers.

KENTISH
Boblin & Atkins, Rutherford, N. J.

For price see List of Advertisers.

LILAC
F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

For price see List of Advertisers.

LILLIUM MULTIFLORUM AND GIGANTEUM

Horse Shoe Brand. For price see List of Advertisers.

MASTICA
F. O. Pierson Co., New York, N. Y.

For price see List of Advertisers.

MIGNONETTE
Mignonette Dianthus, 2 in., strong plants, $2.00 per 100, $18.00 per 1000. D. M. Sanders Co., 55 Barnes St., Providence, R. I.

NICO-FEME
Kentucky Tobacco Product Co., Davenport, Ia.

For price see List of Advertisers.

NIKOTEEN APHIS PUNK
Nicotine Mfg. Co., St. Louis, Mo.

For price see List of Advertisers.

NURSERY STOCK
P. O. Quimby & Brother, Woburn, Mass.

For price see List of Advertisers.


For price see List of Advertisers.

W. & T. Smith Co., Geneva, N. Y.

For price see List of Advertisers.

Bolles & Atkins, Rutherford, N. J.

For price see List of Advertisers.

PEONY
W. L. Gunn, Remington, Ind.

Send for price list. C. S. Harrison's Select Nursery Co., York, Neb.

PEONIES—1200 sorts, an enormous stock. For price see List of Advertisers.

Olive H. Dethier, Canal Dover, O.

Peonies in any quantity. Write for prices on list of best sorts. Gilber H. Wild, Sarcoxie, Mo.

Peonies, over 500 varieties, including most of the finest foreign and American varieties. See catalogue for prices. W. E. Gunman, Peony Specialist, Remington, Ind.

Peony Chryséns—divisions, 2 to 3 eyes. "Hulum late pink and Hortensia, Tulip red.$3.00 per 100; Festival, a grand early white, Duchess de Orleans, early pink, Comte de Jouiller very early white and sulphur, $5.00 per 100. Cash with order. Thomas J. Oertler, Sinking Spring, Pa.

PETUNIAS
Petunias (Dwarf), mixed, 24 in., $2.00 per 100, $30.00 per 500. J. C. Schmidt, Bristo, Pa.

PETRONIL
Pyramid, Zora and Zantippe, $3.00 per 100. J. S. Harrison's Select Nursery Co., York, Neb.

PHOENIX ROEBELLI
Henry A. Dreyer, Ill, Phila, Pa.

For page see List of Advertisers.

PHOTOGRAPHERS
I make a special of photographic flowers, plants, etc., for reproduction. Let me submit samples and prices on material for catalogue or circular. Special work to order at reasonable prices. Nathan R. Gravens, 414 Hayward Rd., Rochester, N. Y.

PLANT STAKES
Slee's Tieleless Plant Stakes and Trellis. H. D. Seele & Sons, Elkhart, Ind.

PLANT TUBS

For page see List of Advertisers.

Kroeschell Bros., Co. 469 Erie St., Chicago.

For page see List of Advertisers.

Metropolitan Material Co., Brooklyn, N. Y.

For page see List of Advertisers.

POINSETTIA

For price see List of Advertisers.

POT HANGERS
Pot hangers, Kramer's $1 doz. by exp. $1.25 by mail. J. N. Kramer & Sons, Cedar Rapids, Iowa.

PRIMULAS
Primulas Chinese, fine plants. 24 in., 25 cents per 100; 200 for 50.00. J. C. Schmidt, Bristo, Pa.

PRIVATE
California Privet, any quantity, size, age. Others say ours is the best grown. Write for prices; also on shrubbery, ornamentals, fruit trees, peonies, asparagus, etc. Franklin Davis Nursery Co., Baltimore, Md.

RHODODENDRONS
P. O. Quimby, Hoboken, N. J.

For page see List of Advertisers.

Booth & Atkins, Rutherford, N. J.

For page see List of Advertisers.

RIBBONS AND CHIFFONS

For page see List of Advertisers.


For page see List of Advertisers.
ROSES
Chas. H. Totty, Madison, N. J.
Owen Root and Grafted Roses.
A. O. Overbeck, P. O. No. 1, Hokah, N. J.
For page see List of Advertisers.
For page see List of Advertisers.
W. & T. Smith Co., Geneva, N. Y.
Hygea Root Roses.
For page see List of Advertisers.
Hay State Nurseries, North Abington, Mass.
For page see List of Advertisers.
Wood Bros., Fitchburg, N. Y.
Own Root Roses.
For page see List of Advertisers.
J. M. Rayner, Greenport, N. Y.
List.
New Roses for 1894.
For page see List of Advertisers.
Wanted—Rose plants of any kind.
Melrose Florico Co., 29 Melbourne St., Providence, R. I.

SCALECIDE
B. G. Pratt Co., New York, N. Y.
For page see List of Advertisers.

SEED GROWERS
Brasilia Seed Growers Co., San Jose, Cal.
For page see List of Advertisers.

SEEDS
T. J. Grey Co., 30 Bo. Market St., Boston.
For page see List of Advertisers.
Joseph Berek & Sons, 51 and 52 New Market St., Boston, Mass.
For page see List of Advertisers.
Richard B. Chaffee, 3 E. St., New York.
For page see List of Advertisers.
Michael's Holopan, Higgenbotham.
For page see List of Advertisers.
For page see List of Advertisers.
Arthur T. Boddington, New York.
Westminster and Winter Flowering Sweet Peas.
For page see List of Advertisers.
For page see List of Advertisers.
J. M. Thorburn & Co., 30 Barclay St., N. Y.
Asparagus Plumous Nana Seeds.
For page see List of Advertisers.
Fottler, Finke, Rawson Co., Boston, Mass.
For page see List of Advertisers.
Leonard Seed Co., Chicago, Ill.
Beans, Peas, Sweet Corn, Oats, Turf.
For page see List of Advertisers.
Wm. Elliott & Sons, New York.
For page see List of Advertisers.
James Whitaker & Sons, Rochester, N. Y.
All Leading Varieties of Seeds.
For page see List of Advertisers.
Home Grown Fanny Seed.
For page see List of Advertisers.
The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.
J. Holzak & Son, Baltimore, Md.
For page see List of Advertisers.
Hjalmar Hartmann & Co., Copenhagen, Denmark.
For page see List of Advertisers.
Francis Brill, Hempstead, L. I., N. Y.
Choice Seeds for Gardeners and Truckers.

SPHAGNUM MOSS
The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.
Live Sphagnum moss, orchid peat and orchid baskets always on hand.
Lager & Harrell, Summit, N. J.
For page see List of Advertisers.
Ten bales sphagnum moss, $7.00 each.

SPRAYS

STEVIA
Stevers, 2 in., cut back once. $3.00 per 100.
Chas. M. Saunders Co., 28 Barnett St., Providence, R. I.

SUN DIALS
Patrick Grace, Brighton, Mass.

TREE RENOVATION
John T. Wilthers, Inc., Jersey City, N. J.
For page see List of Advertisers.

VALLEY PIPS
Hjalmar Hartmann & Co., Chicago, Ill.
For page see List of Advertisers.
Loechner & Co., New York, N. Y.
For page see List of Advertisers.

VARIATED PINEAPPLES
For page see List of Advertisers.

VEGETABLE PLANTS
W. M. Shinn, Woodbury, N. J.
For page see List of Advertisers.

VENTILATING APPARATUS
For page see List of Advertisers.

WIREWORK
Reed & Keller, 122 W. 25th St., N. Y.
For page see List of Advertisers.
J. Jansky, Boston, Mass.
For page see List of Advertisers.

WIREWORK: Write for our catalogue.
Hollen & Hubbe & Holbe, Chicago.

WIRED TOOTHPICKS
W. J. Conner, Berlin, N. Y.
For page see List of Advertisers.

WOOD PRESERVATIVE
Conservus Wood Preservative doubles the life of all exposed lumber.
Preserves benches, posts, sills or planking.
Costs 50 cts. a stick, and saves ten times its cost.

WHOLESALE FLORISTS
Boston
N. F. McCarthy & Co., 84 Hawley St.
For page see List of Advertisers.
Welch Bros., 238 Devonshire St.
For page see List of Advertisers.
H. M. Robinson & Co., 15 Province St. and 9 Chapman Pl.
For page see List of Advertisers.
Buffalo, N. Y.
William F. Kasling Co., 383-87 Elliott St.
For page see List of Advertisers.

CHICAGO
Peter Reineker, 51 Wabash Ave.
For page see List of Advertisers.
Pochmann Bros. Co., Morton Grove, III.
For page see List of Advertisers.
J. A. Buttle, 37-39 Randolph St.
For page see List of Advertisers.
Chicago Flower Growers' Association, 170 N. Michigan Ave.
For page see List of Advertisers.

Cincinnati, Ohio
The J. M. McCullough's Sons Co., 516 H. Mail Co., for page see List of Advertisers.
Cleveland, Ohio
A. N. Pierson, Cleveland, Ohio.
For page see List of Advertisers.

DETROIT
Michigan Cut Flower Exchange, 38 and 40 Broadway.
For page see List of Advertisers.

IN SucH ISSUE

AMARYLLIS-HIPPEASTRUMS.
For page see List of Advertisers.

DEW DROP STRAWBERRY.
H. F. Iowa, Alton, Ill.
For page see List of Advertisers.

FIELD-GROWN CARNATIONS.
Wood Bros., Fitchburg, N. Y.
For page see List of Advertisers.

FIELD-GROWN CARNATION PLANTS.
For page see List of Advertisers.

NEW ROSES FOR 1912.
For page see List of Advertisers.

NEW ROSES ORIGINATED BY JACKSON DAWSON.
Linden Nurseries, Jamaica Plain, Mass.
For page see List of Advertisers.

SURPLUS DECORATIVE PLANT STOCK, FERNS, ETC.
For page see List of Advertisers.

In writing to Advertisers kindly mention Horticulture.
AN OPINION ON DR. WILEY.

Dr. Harvey W. Wiley is chiefly responsible for the national pure food and drug law, and also for its enforcement. That is one of the most useful laws ever enacted in this country. For many years a gang of unscrupulous conmen, large and small, poisoned and adulterated the food and drink which the people were supposed to consume. Chemicals that would eat out an iron pipe were used to embalm food, sawdust, white earth, fish and bulbs were used and sold as pure materials, and stuff and poisons were bottled and packed without limit. This filthy and dishonest practice cut both ways. Many of these food killers displaced a pound of pure food and helped break down the health of the people. The trade was enormously profitable, and in their first day could take 10-cent fat, "doctor" and color it and sell it at 30 cents, but these food adulterators could beat such profit by 1600 per cent. Dr. Wiley fought this gang of food thieves as alone. A competent chemist and a fearless man, he drove the frauds from cover to cover and from tree to tree, until Congress passed the pure food law. Many laws are passed and then left to die by the wayside—there being no one brave and strong enough to stay by them until public spirit is aroused in their favor. Dr. Wiley took the job of seeing that the law was enforced. You may search the history of this country without finding a case where one man has done more to make a righteous law effective and respected. For doing this Dr. Wiley has been subjected to abuse and criticism which would wither 20 per cent of the castigants in public life. These food sharks are not willing to give up the millions which poison and filth have brought them. Again and again, first in one way and then in another, they work for Dr. Wiley's removal. A few weeks ago we printed part of a letter in which a bridle of advertising was offered to the papers which would carry out their infamous program. Now they have been working on a new line. Trivial charges were trumped up against Dr. Wiley, and a certain citizen is asked to remove him! Back of all this is the old scheme to get rid of a good watchdog who will not permit thieves to break in. A rascal who has felt the dog's teeth while trying to rob a hen roost would naturally use all his powers of persuasion to induce the owner of the hens to kill the dog! The chicken thief is a gentleman beside the public poisoners and trash packers who are trying to remove Dr. Wiley. The public is vitally interested in this fight. The pure food laws must be enforced and made stronger. Dr. Wiley is the man for the place, and he must be kept right where he is—

Rural New Yorker.
Aphine

The Insecticide that Kills plant Life of every species.

Destroys green, black and white fly, red spider, thrips, mealy bug, brown and white scale, and all soft-bodied insects. An excellent cleanser for decorative stock. Used as a spray, you can rely on it for positive results, without fear of failure or dissatisfaction.

$2.50 per gallon, $1.00 per quart.

"FUNGINE"

An infallible remedy for mildew, rust and other fungus diseases. A clean, safe and easily applied spraying material. It has no equal for destroying mildew on roses, and carnation rust.

$2.00 per gallon, 75c. per quart.

FOR SALE BY SEEDSMEN.

Send for name of nearest selling agent. Our products are not alone endorsed, but are continuously used by leading commercial growers, professional gardeners, park departments and state colleges of the country. Aphine and Fungine can be used in house or field.

MANUFACTURED BY
APHINE MANUFACTURING COMPANY
MADISON, N. J.

HAMMOND'S COPPER SOLUTION

KILLS BLIGHT, ROT & MILDEW.

1889  STEALTHY AND DEADLY IS DOOMED.

TRADE MARK.

CABBAGE WORMS Destroyed by Dusting with HAMMOND'S SLUG SHOT

So used for 30 years.

SOLD BY ALL SEED DEALERS.

For pamphlets worth having write R. HAMMOND, Fishkill-on-Hudson, New York.

Tobacco Paper

"NICO-FUME" LIQUID

OVER 40% NICOTINE

By far the CHEAPEST.

JUST NOTE PRICE!

Pint ............... $ 1.50
Water ............ 5.50
Gallon ........... 10.50
5 Gallons ........ 47.25

Furnishes the Most Nicotine for the Money

... Manufactured by...

THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To-Bak-Ine Products Kill Bugs

You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free).

Use any form you choose but buy it of

E. H. HUNT, 131 N. Wabaah Avenue, Chicago

NIKOTEN

The most effective and economical material there is for spraying plants and blooms. Skillfully extracted from leaf tobacco, and carefully refined. It is clean and easy to apply. NIKOTEN vaporized either in pans, on pipes, or over a flame. Full Pint Bottles, $1.50.

NIKOTEN APHIS PUNK

Specially prepared for fumigating closed houses. It vaporizes the nicotine evenly and without waste. Nothing keeps a house free from Aphids so cheaply. Price $6.00 per case of 12 pamphlet boxes. All Seedsmen.

Cattle Manure in Bags

Shredded or Pulverized

Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Farmers all over the country are using it instead of rough manure.

Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and other liquid top-dressing. Unexcelled for all field crops. Write for circulars and prices.

The Pulverized Manure Company
Union Stock Yards
Chicago
GREENHOUSES BUILDING OR CONTEMPLATED.

Lexington, Ky.—J. A. Kellar, palm house.
Portland, Ore.—John Knapp, one house.
Titusville, Pa.—L. J. Rowe, one house.
Glenville, Conn.—Richard Rutro, addition.
Hartford, Mich.—A. E. Davis, house, 25 x 100.
Racine, Wis.—Clark Adams, house, 40 x 150.
Verona, Pa.—Paul Randolph, range of houses.
Providence, R. I.—Frederick Dietz, one house.
Loon Lake, Wash.—Dr. E. T. Hein, one house.
Bakerstown, Pa.—Fred Burki, range of houses.
Springfield, N. J.—Wm. Jacobson, one house.
Milburn, N. J.—Joseph Wallace, house, 27 x 100.
Davenport, Iowa—Evoldt Bros., house, 28 x 100.
Clyde, Ohio—LeRoy N. Brown & Son, house, 20 x 102.
Utica, N. Y.—Frank J. Baker, two houses, each 28 x 100.
Clinton, N. Y.—Kilbourn & Williams, asparagus house, 30 x 150.
Binghamton, N. Y.—C. H. Wilbur, range of houses, office and show house.
Plymouth, Mass.—Charles T. Stephenson, rose house, 24 x 35, also a violet house.

NEWS NOTES.

Alliance, Ohio—A nursery has been started near here by J. P. Barger of Chardon, Iowa.

Geneva, Ohio—Roy Woodworth has sold his interest in the firm of Woodworth & Parker to Roy Parker and W. W. Stocking.

New Albany, Ind.—A greenhouse of A. Rasmussen, florist, collapsed during a wind storm on August 12. Loss $7,000, no insurance.

Washington, Pa.—Clarence C. Phillips, in business with Earl J. Sedam as Phillips & Sedam, has purchased Mr. Sedam's interest.

Worcester, Mass.—Five of the greenhouses of Lemone Bros., which were sold at auction on August 9, were purchased by A. E. E. Koch of Nobscot, Powers of Cohocton bought the field carnations.

Muncie, Ind.—The Waretel Floral Co. is succeeded by the Riverside Floral Co. The officers of the new company are: S. A. Richardson, president; F. A. Shaw, secretary and treasurer; Henry Potomkin, grower.

FOR "POT LUCK" TRY US...

HEWS STANDARD POTS

POT MAKERS FOR 140 YEARS — WORLDS LARGEST MANUFACTURERS

WRITE FOR CATALOGUE AND DISCOUNTS

A. H. HEWS & CO., Inc. Main Office and Factories
LONG ISLAND CITY, N. Y.

USE Advance

machines in your houses and forget all your ventilating troubles. The children can operate them. Just what you want.

Our new catalogue thoroughly describes and illustrates our new arm, also the rest of our line. Get one, it will interest you.

USE NEW TWIST-LESS ARM

Note the simple construction. One bolt securely fastens it to the shafting pipe. Easy to set up.

DREER'S "Riverton Special" Plant Tub

Manufactured for us exclusively. The heat tub ever introduced. The neatest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handles.


1000 READY PACKED CRATES

STANDARD FLOWER POTS AND BULB PANS can be shipped at an hour's notice. Price per crate:

3000 1% In. $6.00 500 4 In. $24.50
1500 2" 4.88 450 4½" 5.24
1200 2½" 5.25 320 5" 5.60
1500 3" 5.25 300 5½" 5.78
1250 2¼" 4.91 250 6" 5.80
1000 3½" 5.00 144 6½" 5.18
800 3¾" 5.80 120 7" 5.00

HILLFINGER BROS., Pottery, Fort Edward, N. Y.
August Baker & Sons, 31 Barclay St., N. Y. City Agents, OUR SPECIALITY—Long distance and export trade.

STANDARD FLOWER POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.

W. H. ERNEST

28th & M Sts., Washington, D. C.

ALL THE CLAY FOR OUR Florist Pot and Bulb Pans is prepared by passing through a screen two mesh to the square inch. If in a hurry for pots, order from us.

H. PETERS & BROS. POTTY CO.
Zanesville, Ohio

FOR"LUCK" TRY US...

NEW YORK STANDARD POTS

POT MAKERS FOR 140 YEARS — WORLDS LARGEST MANUFACTURERS

WRITE FOR CATALOGUE AND DISCOUNTS

A. H. HEWS & CO., Inc. Main Office and Factories
LONG ISLAND CITY, N. Y.

Syracuse Red Pots

"A little pot is soon pot," likewise a thin pot. This will save you fuel. Our pots are the thinnest and toughest owing to the superior quality of the clay.

Syracuse Pottery Co. SYRACUSE, N. Y.

Chased by A. E. E. Koch of Nobscot, Powers of Cohocton bought the field carnations.

Muncie, Ind.—The Waretel Floral Co. is succeeded by the Riverside Floral Co. The officers of the new company are: S. A. Richardson, president; F. A. Shaw, secretary and treasurer; Henry Potomkin, grower.
KROESCHELL BOILER

Half the Coal and Half the Work.

"Your No. 13 boiler is carrying 25,000 sq. ft. of glass and I can keep it at 60 degrees in the coldest weather without any trouble. I have three other types of boilers also heating a range of 25,000 sq. ft. of glass, but the No. 13 Kroeschell Boiler ONLY TAKES HALF THE COAL and half the work to get the same results."

J. G. Frisz, Vincennes, Ind.

P. S.—Mr. J. G. Frisz, of Vincennes, Ind., has the largest range of glass in Indiana devoted to vegetable forcing.

KROESCHELL BROS. CO., 466 W. Erie St., Chicago, Ill.

KING

GREENHOUSE CONSTRUCTION

IF YOU WANT A GOOD GREENHOUSE
THAT WILL BE GOOD FOR A LONG TIME
WRITE TO

KING CONSTRUCTION CO.

HOME OFFICE AND FACTORY
NORTH TONAWANDA
N. Y.

EASTERN SALES OFFICE
No. 1 Madison Avenue
NEW YORK

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.
CHICAGO, ILL.

BOSTON PLATE & WINDOW GLASS CO.
GREENHOUSE GLASS
GERMAN AND AMERICAN
261 to 287 A Street BOSTON 20 to 22 Canal Street

GREENHOUSE CONSTRUCTION LUMBER
John C. Moninger Co.
117 E. Blackhawk St., CHICAGO.

In ordering goods please add "I saw it in HORTICULTURE."
A Tryout Greenhouse

We call it a "tryout" because the owner has rather extensive ideas of the size of house he will eventually have, but he had us build this small one for him as a tryout to prove to himself that a greenhouse gives all the fun and satisfaction we say it does. It is so located and arranged that it can be enlarged economically and lose none of its attractiveness. A plan that is planned ahead, as it were.

Perhaps you would like a tryout house?

If you write us at once we will send you a catalog by return mail and by a little extra effort your house ought to be ready for use this winter.

Hitchings & Company
Spring and Louisa Streets, Elizabeth, N. J.

LILIUM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6-7 inch bulbs, 335 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.
7-9 inch bulbs, 200 to the case, $16.00 per case; full thousand lots, $75.00 per 1,000.
9-11 inch bulbs, 160 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.

FERNS

We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-in. pots ................................................................. $0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis, and Harrisii, heavy 5-in. plants .......... $1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10-in. plants ................... 2.50 each

F. R. PIERSON COMPANY, Tarrytown-on-Hudson, NEW YORK
Aerides quinquevulnerum

Devoted to the Florist, Plantsman, Landscape Gardener and Kindred Interests
Published Every Saturday at 11 Hamilton Place, Boston, Mass.
Subscription, $1.00 per Year
U KNOW US

LOOK AHEAD

Mr. Progressive Florist. Don't be misled by any TEMPORARY GAIN, derived from the use of INFERIOR SUPPLIES and RIBBONS. For PERMANENT SUCCESS you need Supplies and Ribbons upon which you can depend ALWAYS.

"THE RICE STANDARD"
The Supplies of UNIFORM DEPENDABLE Quality and Prices.

KATALOG for the asking.
The Leading Florists' Supply House and Ribbon Specialists

M. RICE & CO., 1220 Race Street, Philadelphia, Pa.

Manufacturers — Importers — Originators

TIME TO START UP
We Need Room. Come and See the Stock.

Lorraine Begonias, Poinsettias, Cyclamen, Chrysanthemums in Pots, Primulas, Genistas, Araucarias, Palms, Asparagus plumosus and Sprengeri, Boston Ferns, Adiantums, Mixed Ferns, Cycas. All First Class Stock.

WRITE FOR PRICES.

WM. W. EDGAR CO. - Waverley, Mass.

PALMS, FERNS, DECORATIVE AND
FOLIAGE PLANTS
Also Azaleas, Begonias, Bay and Box Trees
A. LEUTHY & CO.
Perkins Street Nurseries, Roslindale, Boston, Mass.

WRITE FOR PRICES.

PALMS, FERNS AND
DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 8180 Bedford BROOKLYN, N.Y.

When Writing to Advertisers Please Mention HORTICULTURE.

Boston Ferns
4% inch from bench.................. Each 10c
3% inch from bench................. Each 7c
2% inch from bench, $3.00 per 100

Nephrolepis Whitmanii
2% inch $3.00 per 100
3% inch, pot grown .............. 25c per 100

Nephrolepis Magnifica
2% inch $3.00 per 100
3% inch, pot grown .............. 25c per 100
4% inch, 4, 5 and 6 tiers, 40c, $1.00: 51% to 6 in., 4, 5 and 6 tiers, 60c, 75c, and $1.50; 7 in., $2.00; 8, 10, 12 and 15 in., high, for lawns and gardens, $1.50 to $2.00.

Cash with order, please.

Godfrey Aschmann
Wholesale Grower, Shipper and Importer of Pot Plants.
1012 West Ontario St., PHILADELPHIA, - PA.

Araucaria Excelsa
5 in., 3 to 4 tiers, 40c, and 50c; 51% to 6 in., 4, 5 and 6 tiers, 60c, 75c, and $1.00; 7 in., 4, 5, 6 and 7 tiers, $1.50; 8, 10, 12 and 15 in., high, for lawns and porches, $1.50 to $2.00.

Cash with order, please.

ROBERT CRAIG CO.
ROSES, PALMS,
and Novelties in Decorative Plants
MARKET and 49th Streets, PHILADELPHIA, PA.
GERANIUMS

Are Our Specialty

We are preparing to grow Geraniums on quite an extensive scale for next season, and claim to have the largest stock and most complete collection in the country, and are making very interesting Special Prices for November and December delivery. Write us about your probable requirements, and we will continue you that it is more to your advantage to buy just the kinds you want in the Fall than to bother with saving a few stock plants and working up stock yourself.

We have ready for shipment about 250,000 in 3 in. pots at $1.00 per 100; $2.50 per 1000; which would make one stock for Fall and Winter sales.

R. VINCENT, JR., & SONS CO., White Marsh, Md.
Growers of Plants for the Trade

ROSES
OWN ROOT—FINE STOCK

White Killarney...........$6.00
Richmond.................$8.00
Pink Killarney, Chatenay, Kaiserin, Perlas, Sunrise, Sunset, from 3 inch pots....$8.00
Bride, Bridesmaid, Golden Gate. $6.00 per 1000. $7.00

Grafted
Fine Stock, 3 inch pots
Pink Killarney, White Killarney, Bride, Bridesmaid, Kaiserin, My Maryland.
$15.00 per 100

WOOD BROS., Fishkill, N.Y.

CARNATIONS
FIELD GROWN
FINE, HEALTHY STOCK

Enchantress..............$7.00
Rose Pink Enchantress...$7.00
Bay State................$6.00 $55.00
Georgia.................. $6.00 $55.00
Mrs. T. W. Lawson........ $6.00 $55.00
Variegated Lawson........$6.00 $55.00
White Lawson.............$6.00 $55.00
Windsor..................$6.00 $55.00
Crimson Beauty............$6.00 $55.00

CHRYSANTHEMUMS
AND
ASTER SEED

Elmer D. Smith & Co.
ADRIAN, MICH.

ORCHIDS

Greatest quantity and variety in the country. Established and freshly imported. Also material in which to grow them.

LAGER & HURRELL, SUMMIT, N.J.

ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World
SANDER, St. Albans, England and 258 Broadway, Room 721 NEW YORK CITY

ORCHIDS

PLANTS and FLOWERS always on hand
ORDONEZ BROS.
Madison, New Jersey

ROEHRS

Orchids, Azaleas, Palms, Lorraines, Crotons
RUTHERFORD, N.J.
LORRAINE BEGONIAS

Strong 2½ in. stock, ready for 3½ in.
Per 100, $16.00; 250 at $14.00 per 100.

HERBERT, ATCO, N.J.
DahliaS Every Day in the Year

September 2, 1911
BOBBINK & ATKINS
WORLD'S CHOICEST FLORIST AND NURSERY PRODUCTS.

We are growing in our greenhouses and in our 250 acre nursery a large variety of material constantly in demand by florists. Our Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

B. & A. SPECIALTIES.
PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill station is the second stop on Main Line of Erie Railroad.

Nurserymen and Florists
Rutherford, N. J.

NEW ROSES
Originated by Jackson Dawson
LADY DUNCAN, DAWSON, DAYBREAK, FARQUHAR, WILLIAM EGAN
WRITE FOR PRICES

We carry a very large stock of Fine Conifers, Deciduous Trees and Shrubs and Hardy Herbaceous Perennials

Send for Our New Illustrated Catalogue
EASTERN NURSERIES
Henry S. Dawson, Mgr.

JAMAICA PLAIN, MASS.

AMARYLLIS-
HIPPEASTRUMS
Unrivalled for beauty of form, brilliancy of colors, and size of flowers.
Highest awards at home and abroad, including 39 Gold Medals.

Catalogues, and all particulars free, on application.

ROBERT P. KER & SONS
Aigburth Nursery
Liverpool, England

CHARLES H. TOTTY
Wholesale Florist
Chrysanthemum Novelties My Specialty
Madison, N. J.

PEONIES

Peony Specialist, W. L. GUMM, Remington, Ind.

LOECHNER & CO.
JAPANESE LILIES
LILY OF THE VALLEY PIPS
PALMS. AZALEAS, &c.
11 Warren Street, New York, N. Y.
Write for quotations

Dew Drop Strawberry
Ever bearing, largest in the world, color rich crimson, combined flavor of pineapple and wild strawberry. Unexcelled shipping qualities. Free circulator. Plants now ready.


AMARYLLIS-
HIPPEASTRUMS
Unrivalled for beauty of form, brilliancy of colors, and size of flowers.
Highest awards at home and abroad, including 39 Gold Medals.

Catalogues, and all particulars free, on application.

ROBERT P. KER & SONS
Aigburth Nursery
Liverpool, England

CHARLES H. TOTTY
Wholesale Florist
Chrysanthemum Novelties My Specialty
Madison, N. J.

PEONIES

Peony Specialist, W. L. GUMM, Remington, Ind.

LOECHNER & CO.
JAPANESE LILIES
LILY OF THE VALLEY PIPS
PALMS. AZALEAS, &c.
11 Warren Street, New York, N. Y.
Write for quotations

Dew Drop Strawberry
Ever bearing, largest in the world, color rich crimson, combined flavor of pineapple and wild strawberry. Unexcelled shipping qualities. Free circulator. Plants now ready.


LITTLE ADS BRING BIG RETURNS
Little ads in our Classified Columns bring big returns to both advertiser and purchaser.

Anything that can be sold to florists, gardeners, park and cemetery superintendents, etc., can be sold through this medium in this department, and at very small cost.

Don't fail to read them each issue, for you will find one or more that will prove profitable to you.

They cost only one cent a word undisplayed.
Seasonable Notes on Culture of Florists’ Stock

NEPHROLEPSIS

It is now time to work up bench-grown Nephrolepis into salable form, by lifting them and potting into 5 or 6-inch pots, using a soil that has a liberal addition of animal manure. A good compost is three parts fibrous loam, two of leaf mold and one of well-rotted and sifted cow manure. See that the pots are well cleaned and have good drainage. After they are potted they should be placed under a good shading for a week or more, and then gradually inured to the full light. Plants that are in pots and are fairly well root-bound should undergo their last shift for the season as ferns make their finest growth in the next two months. Exercise care in watering these ferns, particularly during periods of abnormal weather condition that we are bound to meet. See that they do not get too crowded. They should be set far enough apart to have every one of the overhanging fronds fully exposed to the light.

EUPHORBIA JACQUINIAEFLORA

Cuttings that were rooted during April or May and grown on by frequent shifts can now be planted out on a bench in fibrous loam three parts and well-rotted manure two parts, and if the soil is heavy, add about one-fifth of sand, for they are very impatient of stagnant moisture at the roots. Plant them about ten inches apart and give them a syringing every good day, but at the same time be very careful not to over-water. Those that are intended for pot culture should be given a light bench now, so as to insure a good break and later on to give both color and substance to the flowers. When the flowers become apparent at the axils of the leaves the plants should have some manure water about once a week which will enlarge the bracts in size and develop highly their coloring. If the sprays are cut around the holidays, you can have another cut by April.

LILIUM CANDIDUM

These bulbs should be potted up as soon as they are received because leaf and roots are often made while they are in transit. They can be either potted singly into 6-inch pots or three to five bulbs can be put into an 8 or 10-inch pot. Give them a good watering after they are planted, but afterwards let them dry out before giving any more water, as the bulbs will rot if given too much water at first. The best place to stand the pots is in a frame on some coal ashes, where they can remain until cool weather arrives with sufficient severity to firm the soil in the pots. After this a covering will be desirable so as not to allow the pots to break. Cullindans do not force well until after the middle of January, so it is well not to attempt it before that date.

NEXT YEAR’S CYCLAMEN STOCK

Now is the proper time to make a liberal sowing in red, pink and white which seem to be the colors most in demand. Make up a compost of equal parts of well-decayed fibrous loam and leaf-mold, with enough of sand to make it porous. Wide shallow pans are the best to use. Whether pans or flats are used see that they are well drained. Fill up to within 1/4 inch of the rim and press the material moderately firm. On this place about half an inch of the sifted mixture and make the surface smooth. Now sow the seeds as evenly over it as possible and then press the seed into the soil. Sift a little covering of the fine mixture over this and give a watering. Place them where there is a moderate and evenly maintained bottom heat. When the little seedlings are coming up they will need a nice light bench or shelf close to the glass, in a house of from 60 to 65 degrees steady heat, with a moist atmosphere. These conditions will materially hasten their growth during the first part of the winter. Give ventilation in all good weather, but be careful and avoid droughts or extremes in temperature. As your fire heat is increased see that the atmosphere does not become too dry, as the young plants like plenty of atmospheric moisture.

PROVIDING COMPOST

Don’t spare expense in having a sufficient quantity of sod, manure, and sand for now is the most propitious time of the year for the composting and storing of all bench and potting soils. There is nothing better than the top three inches of a rich pasture. This should be piled up in long moderately high and flat topped heaps, put up in layers of six inches in thickness and then spread three inches of good cow manure in alternate layers. If this work is done within the next few weeks you will have a chance to chop it down and fork it over which will not only thoroughly mix it, but will help to further a perfect and uniform decomposition by the intermixture of the different parts and exposing it more to hard freezing during the winter. Success with all kinds of greenhouse plants depends to a considerable extent on the kind and condition of the compost in which they are grown. So now prepare—for one of the fortunate ones when the spring comes, by making prudent and ample provision for the need of another season.

TRANSPLANTING EVERGREENS

Any florist who has a call for small evergreens for the holiday trade should procure them and pot them up now for this will give them a couple of months in advance of cold weather to make new roots in the meantime which will add greatly to the assurance of their well doing. After they are potted up stand them in a rather shady place for a week or ten days, until they start new root action; then they will stand the sun. With attention to watering and other care they should be in good condition for the holiday trade. A good assortment to pot up are artemisia poms, arbor vitae, junipers, box and pines. Euphorbias, laurel, mahonia, and others of the broad-leaved section are also good.

John J. M. Farrell

Mr. Farrell’s notes will be on the following: Care of Carnations; Crotons; Decorative Foliaged Plants; Making a Perennial Border; Phloxenopsis; Primulas.

Aerides quinquevaluenum

Our cover illustration shows a well-grown plant of this beautiful Philippine summer-flowering orchid. The plant pictured was grown by M. J. Pope, Naugatuck, Conn. The flowers are wax-like, white, tipped with deep rose on sepals and petals, fragrant and borne on pendant racemes a foot or more in length. For decorative purposes this orchid has few equals. It is of very easy culture, its main requirements being heat, shade and atmospheric moisture. Sixty-five degrees minimum in winter will suit it.
Our readers will, we hope, accept us to be a bit vain-glories over the many commendatory words that have been expressed, verbally or by letter, regarding our Special Baltimore Convention Number, for its contents and make-up, and in approval of our editorial and other features in the succeeding issues. We did feel rather proud of our convention issue and particularly as to the amount of advertising it carried—larger than in any previous convention number, and it is doubly gratifying to realize that our work has not gone unnoticed by our readers. We take this means of expressing once for all, our appreciation and gratitude for the many kindly compliments that have come to us.

Soli-loquy: And now we come to September. How full of suggestiveness and inspiration is that word, September! It tells us that now the tide has turned and business activity is once again under way. The recreation season has gone; the hustle season is right ahead. Conventions, outings, the Arcadian days of seashore and mountain all must now take their place on the tablets of memory and the duties preparatory to a successful prosecution of our work loom up before us. In imagination we seem already to sniff the frosty nights, the sulphured atmosphere of the closed-up rose house, the pungent odor of tobacco-smoked ranges. We scent, not far off, the reminiscent fragrance of chrysanthemums, which carries the thoughts back to bygone years as no other fragrance ever does and the whiff of sweetness from “the first bunch of violets in the market,” which, by the way seldom has anything else to commend it. There isn’t so much nowadays, is there, as there used to be in the distinction of being the first on deck with violets or any other crop? The best—“there all the honor lies.”

Advice: Back to our text. Are you fully equipped for every normal demand your business may make in the season now opening? Any one who went to Baltimore and saw that unparalleled exhibition of material and outfit for every department of the trade could not fail to return home with a full-charged mind as to what he must needs do and what he must have if he expects to keep abreast of the progressive elements of the rapidly developing horticultural industries of this country. Why not follow up the inspiration now by getting busy with Horticultrue’s advertising pages? Next to the exhibition, in suggestive value to the wide awake grower or dealer, are the contents of these advertising columns. They present the offerings of the leading houses in their respective lines and they vitally concern you if you are not a “dead one.” With a discreet and observant business man who watches the advertisements instead of buying haphazard from the first man that comes along, one dollar has the power of two.
Autumn Flowering Clematis

The numerous species and varieties of clematis which contain many of our most beautiful climbing shrubs and ornamental herbaceous plants are deserving of much extended cultivation in gardens, and by a careful selection one is able to extend their flowering over a period of several months. Those which flower at this season of the year are especially valuable as few other climbers are in bloom and they add greatly to the brightness of the garden, and few plants are so accommodating or require less attention. In their natural habitat all the varieties mentioned below are found growing over old trees or climbing over logs or undergrowth, and when allowed to grow naturally in such a position they are undoubtedly seen to the best advantage. But they are also well adapted for clothing pergolas, buildings, etc., though some attention in the way of support is necessary. Very fine effects may be produced by planting groups of them in various parts of the pleasure grounds, and if two stumps or branches are provided for them to ramble over they form a beautiful natural tangle. They are also very desirable for clothing banks and walls in company with vines and other climbing plants. Although it is customary to propagate the large-flowering varieties of the Jackmanii and Lanuginosa sections by grafting, this is not necessary with the varieties I advocate here for late summer and fall flowering. All these seed freely or may be readily increased by cuttings inserted during the summer. If by seed they should be sown as soon as ripe in a gentle heat and the young seedlings pricked off as soon as large enough to handle.

Much interest has been added to this class of plants during recent years by the magnificent varieties added to our gardens by Mr. Wilson through his journeys in Central and Western China, and among those which have already flowered and proved their hardiness are some of our finest climbing plants. Clematis montana rubens is probably unsurpassed by any other climber in cultivation. Another handsome variety from Western China is C. targentia, which has solitary yellow flowers produced very freely on long stems. Attached to the stems are long silky filaments which give the plant a very attractive appearance and it is not less beautiful when in seed than in flower. C. panamiflora, a native of South Western Europe, is one of the latest to bloom, not being at its best till the last week in August. It is a very free grower and entirely clothed with clusters of creamy white flowers. C. albiflora, a native of China and Japan, and C. virginiana, much resemble each other as they both have creamy white flowers produced in abundance all along the current season's growth. Both of these are very handsome and desirable plants for all purposes.

C. paniculata, also a native of Japan, has always been one of our favorite climbers here, and at this season of the year it has few equals. The pure white flowers contrast effectively with the dark green foliage and when allowed to grow and ramble at will it has few equals.

C. serratifolia, from Korea, is somewhat similar to the yellow tangutica, but the flowers are smaller, not so rich in color, and the appendages to the seeds are not so showy. It is, however, a very desirable plant for this season of the year.

Rust (?) on Tomatoes

The question asked by one of your subscribers concerning rust on tomatoes is more or less difficult to answer as we have no true rust on tomatoes. The disease he refers to is probably known by some other name. In the absence of any specimens to identify we are at a loss to know just what he refers to. He may refer to a leaf blight caused by a species of Septoria which is rather serious further south and in the middle west. This disease is characterized by a spotting of the leaf, first appearing on the lower leaves and gradually working upwards. It often affects the plant quite severely, giving it a more or less yellow or rusted appearance. Experiments made by the Illinois station and outlined in Bulletin No. 144 show that this trouble can be materially reduced by repeated sprayings with Bordeaux mixture.

Another disease of the foliage is known as scab or mildew, and this is also more common to plants in the south than in the north. It is caused by a fungus which appears on the under surface of the leaf but does not cause any circular holes in the leaf. It is questionable whether Bordeaux is of any use in controlling this.

Another disease is caused by a fungus known as Fusarium and this has raised havoc with tomato crops further south the last year or two. This Fusarium blight is often associated with the leaf blight previously referred to in the south, and has done an immense amount of damage to the crops in that region. No effective remedy for Fusarium has been found so far as I know. We have found this on outdoor tomatoes in this state during the past summer, but they have not been seriously affected.

Ambrose Mass.

(Bulletin No. 138 of the Mass. Agricultural Experiment Station, by Dr. George E. Stone, issued June, 1911, gives full information as to Tomato Diseases and their control. Requests for bulletins should be addressed to the Agricultural Experiment Station, Amherst, Mass.—Ed.)

Early Flowering Gladioli

Editor HORTICULTURE:

Dear Sirs—Regarding earliness of gladioli—having on trial about two hundred of the very best productions of the world's leading specialists, Europa, Niagara, etc., and a large lot of our own hybrids, gives us a very fine chance for comparisons of relative merits.

Lemoine's Precieuse sort, Pleiade, came into bloom 17 days from planting; our own earliest fully as large as Princesse opened same day. Pink Beauty a few days later—very small flowered. We have a strain of early which were planted April 17, coming into bloom July 1st: bulbs mostly 14. in. to 1 in. Planted in March, all these earliest sorts would open in last week in June, especially from large bulbs. We have a strain of White Childsii that are very fine that are nearly as early as above. In them are flowers equal to Europa. We have in sight 25 lbs. or more seed all h. p. from the very finest blooms. These ought to yield some wonderful sorts.

Yours,

Arthur H. Thatcher

Canal Dover, O.
HORTICULTURAL SOCIETY OF NEW YORK.

The New York Horticultural Society held the last of their summer flower shows for this season in the Museum Building of the New York Botanical Garden on August 24 and 25. The highest commendations are due the growers of gladia; not merely for the excellence of the blooms, but for the manner in which they support the large and varied classes.

In the class for largest and best collection of named gladia, John Lewis Childs won with 36 varieties, the most attractive being Aline, Alaska, Nezinscotta, Rosella, Latraden and Princes. Arthur Cowee came second with 18 varieties of fine flowers, among which shone our Cracker Jack. Peace, LaLuna Rosella, Afterglow and California. For best 12 varieties A. La Rodny won the prize. The most prominent were Evolution, Mrs. Henry, Leo, P. King, LaLuna, Wild Rose, Dora Krais, Princes, St. Louis and I. S. Hendrickson. Second prize went to P. W. Papp. On 25 spikes of the same variety, the prize was easily captured by "Rochester White," sent by Jacob Thomman & Sons, Rochester, N. Y., and from its appearance here we classify it as one of the best growers' florists' use. Second went to John Lewis Childs for vase of Aline. Best 25 spikes of any pink variety went to Fascination, grown by E. S. Millar, River, N. Y.; second, John Lewis Childs with Wm. Falconer. In the class for non-commercial growers A. La Rodny won all the first prizes. In the class for largest and best collection of named varieties he staged about 75 varieties of splendid flowers in almost as many varieties. P. W. Papp was second with some pretty small-flowered sorts. On six spikes of any white variety Mr. Lahody won first with Reve de la Marquise, and in pink he got first with Peanut. When Panama Dahlia exhibited a series of pink dahlias, exhibited a collection of 20 varieties in as many as varieties of seedings, among the most beautiful of which were 243, a yellow, which we considered as having its color at the show: 41, deep rich maroon; 144, deep crimson; 176, light Burgundy; 52, mauve with chartreuse; 18, white with violet stripe. We must not forget his splendid red variety, "stromboli." Frank Bunning, Kinsman, Ohio, exhibited a vase of that grand new pink, also a very small-flowered variety. We were informed that it arrived a little too late to compete in the class calling for pink and in consequence lost that award. In the water lily section Mr. Tricker won all honors showing 25 varieties of nym- phaceas. His Nelumbiums were elegant, as usual. Mr. Tricker also exhibited a pretty competing rose, as did special displays in aquatic and semi-aquatic form.

Mr. George V. Nash delivered a most interesting address on "Evergreens and Their Uses in the Landscape" in the lecture hall before an appreciative audience.

FLORISTS' CLUB OF WASHINGTON.

The florists of Washington last week were called upon to perform a very sad duty, that of escorting the body of their friend, Joseph R. Freeman, to his last resting place. At a special meeting of the club, called on the 25th, the following resolution was adopted:

Whereas, death has robbed the Florists' Club of one of its charter members who for years has been a loyal and active supporter of our body—a man of integrity, a citizen of standing and integrity, one of the former presidents of the organization and a friend ever ready in time of need;

Resolved, that the flowers delivered by the Florists' Club of Washington in honor of one of the most valued members of our organization be used in the funeral services.

Perhaps no florist in this part of the country is more highly esteemed and well liked than Mr. Freeman. Every florist of this city who was in town and many florists who are located outside of the city attended the funeral and each one of these persons that they had indeed lost a dear friend. The S. A. F. & O. H. was represented by Mr. Wm. F. Gude its National representative.

CONNECTICUT HORTICULTURAL SOCIETY.

At the meeting of this Society on the evening of August 25, the coming dahlia show was discussed and preparations pushed along.

President Dr. W. Tricker spoke entertainingly of his trip through the West, after attendance at the annual convention of the American Society of Park Superintendents. His visit was made during the first 15 days. His description of Minneapolis and other cities declared them beautiful. Minneapolis, one of the greatest cities in the West, has now less than three very attractive lilies, and a fine residential section. Thousands of boats bearing illumination by night present a fairy land. His trip was likened to Lake Lucerne in Switzerland. Mr. Tricker went to Omaha from Minneapolis, and from Omaha to Kansas City, which has a park and garden in a very fine square. Then to Denver and the Garden of the Gods, and Pike's Peak. So beautiful was the verdure that he was impelled to remove his hat. His irrigation and broad corn fields entered into his description.

Geo. W. Smith and J. A. Webber were appointed to draw up and present resolutions on the occasion of Wm. B. May, a life member of the Society.

CHICAGO CLUB'S SILVER ANNIVERSARY.

The Chicago Florists' Club will soon be twenty-five years old, having been organized on September 25, 1896. It was decided to have the third S. A. F. convention held there. This will make the meeting of the S. A. F. here next year also a silver anniversary. No stop has been taken yet by the Chicago Florists' Club to celebrate its silver anniversary, but it has planned for a chrysanthemum show on a regular meeting in November and no doubt something appropriate to the day will be added.

CHrysanthemum Society of America.

The following special prizes are offered for the Annual Exhibition of the Chrysanthemum Society of America to be held in conjunction with the St. Louis Horticultural Society, St. Louis, Mo., November 7, 8, 9, 10, 11, 1911.

Chrysanthemum Society of America Prize—20 blooms chrysanthemums "Mrs. Jerome Jones," first, $15;

Elder D. Smith Prize—20 blooms chrysanthemums in 12 varieties, introductions of first premiums, next to him from 3 inches, not less than 3 inches, first, $15; second, $12.50.

William Wells Prize—3 blooms chrysanthemums Mrs. G. C. Kelly, first, gold medal; second, silver medal; third, bronze medal.

William Wells Single Chrysanthemum Prize—3 sprays of single chrysanthemums with gold medal; first, gold medal; second, silver medal; third, bronze medal.

Chrysanthemum Society of America Prize—20 blooms chrysanthemums in 12 varieties, introductions of first premiums, next to him from $3 inches, not less than 3 inches, first, $15; second, $12.50.

William Wells Prize—3 blooms chrysanthemums Mr. W. E. O'Brien, first, gold medal; second, silver medal; third, bronze medal.

Lord & Burnham Prize—10 blooms any chrysanthemums grown by Mr. E. W. H. and exhibited in this class, 1st, gold medal, 2nd, silver medal, 3rd, bronze medal.

Wm. E. O'Brien Prize—10 blooms chrysanthemums in 12 varieties, introductions of first premiums, next to him from 3 inches, not less than 3 inches, 1st, gold medal, 2nd, silver medal, 3rd, bronze medal.

Hitchings Prize—20 blooms chrysanthemums, 6 varieties, 5 blooms each, not less than 3 inches, silver cap.

WISCONSIN STATE HORTICULTURAL SOCIETY.

The summer meeting of the Wisconsin State Horticultural Society, held at Oshkosh, Wis., Thursday, was attended by about 100 members and visitors. William Toole of Baraboo read a paper on "Amateur Floral Decorations," and Marion Fletcher of Oshkosh one on "Flowers for the Farmer." H. Hampton and A. Martini, professional gardeners from Lake Geneva, read papers on "Lilies" and "Roses." C. L. Richardson of Stanley gave a review of how state laws affect members of the society. The work done by the University of Wisconsin in the Department of horticulture was outlined by Profs. Moore, Sanders and Jones.

Dr. Victor Kutchin of Green Lake talked on "Conservation of Bird Life," and Sydney Tells of Chicago spoke on "Play and Playgrounds."

There was a large and creditable exhibition of flowers and fruits and flowers. J. P. Roe of Oshkosh took the largest number of first premiums on fruits and flowers. There was a tie between Mr. R. and Robert J. Miller, of Oshkosh, and Mr. E. W. Howlett of Oshkosh took second in number of first premiums. In vegetables, N. A. Rasmussen of Oshkosh took by far the greatest number of firsts, but being C. P. Phillipson, also of Oshkosh.

A large number of members and visitors made use of the hotel facilities during the meeting, as the hotel was thoroughly crowded. The weather was excellent the whole day, and the program was a success from start to finish.

On the 26th, the members of the Society gathered at the lake for a day of rest and merriment. They were entertained by the band of the United States Navy, whose performances were exceedingly well received.

The following were awarded for their special efforts on the 26th:

First, Henry Dr. of Milwaukee, $5.00;

Second, Wm. E. O'Brien, $3.00;

Third, J. W. Martin, $2.00;

Fourth, Wm. E. O'Brien, $1.50;

Fifth, C. L. Richardson, $1.00.

Mr. E. B. H. kole, of Oshkosh, was called upon to make a suggestion for the next meeting of the society, and he announced that the next meeting would be held at Madison, Wis., on the 25th of October. The formal adjournment was then made, and the meeting closed with the siren being fired and the band playing as the guests left the hotel.

September 2, 1911

E. H. K."
CLUB AND SOCIETY NOTES.

The Newport Horticultural Society will hold its annual fall show Sept. 16-18 at Newport, R. I.

The annual show of the New England Dahlia Society will be given Sept. 15-17 at Horticultural Hall, Boston.

The dahlia show of the New Haven County Horticultural Society is scheduled for Sept. 13, at New Haven, Conn.

The September meeting of the Albany Florists’ Club will take place at the residence of Patrick Hyde, 480 Hudson Avenue, on Sept. 7th.

The New York Florists’ Club will hold its opening meeting of the season on Monday evening, Sept. 11th. Baltimore experiences will no doubt make the session interesting.

Boston has been selected by two associations as their meeting place for next year, namely, the American Association of Nurserymen, who will meet in Boston in June, and the American Association of Park Superintendents, who meet in August.

The Apple Growers’ Convention met in St. Louis last week at the Planters’ Hotel. The meeting was well attended. L. A. Goodman, secretary of the Missouri Horticultural Society and Richard Dalton, president of the Missouri State Board of Horticulture addressed the meeting. All the old officers were reelected. J. W. Stanton of Richview, Ill., and J. C. Wilson of Columbus, Mo., are president and secretary of the Congress.

The premium list and rules governing the exhibit of farm crops of the Boston Chamber of Commerce Industrial and Educational Exposition, to be held at Horticultural Hall, Boston, on Oct. 2 to 28, 1911, has been issued, and copies can be had on application to Chas. M. Cox or Harry F. Hall, sub-committee on agricultural exhibits, Chamber of Commerce, Boston, Mass.

With regard to the entire exhibit, special attention will be given to its educational possibilities. To accomplish this the co-operation of the various agricultural colleges and experimental stations has been invited, and there will be exhibits, for example, of the various plant diseases and insect enemies, the most approved methods of pruning, trimming trees, spraying, etc. There will be a series of free lectures or talks on various farming topics by men of eminence whose names will be announced later.

THE BALTIMORE SOUVENIR.

Philip B. Welsh, secretary of the Gardeners’ and Florists’ Club of Baltimore announces that any member of the S. A. F. and O. H. who has not received a copy of the Baltimore Souvenir Program may obtain one by writing to him. His address is Glenn Morris, Balto Co., Md.

A VISIT TO CEDAR ACRES.

On Saturday, August 26, members of the Gardeners’ and Florists’ Club of Boston and of the North Shore Horticultural Society to the number of fifty visited the gladiolus fields of B. Hammond Tracy at Cedar Acres, Mass. They found the fields and a display of cut blooms in excellent condition. There were many promising seedlings that came in for admiration and as for such named varieties as Daybreak, luminous salmon pink; Sangulie, vermillion scarlet; Niagara, creamy yellow; Elizabeth Kurtz, white flushed with pink; Dawn, glowing salmon pink; Mrs. Francis King, vermillion; Princess Sanderson, white; Harvard, crimson, and a host of other beauties, it is doubtful if they have ever been seen to better advantage, soil and culture seeming to be ideal.

After going over the fields and through the packing rooms, where all varieties were staged under name, a buffet lunch was served and some appreciative speeches made, after which some of the flowers were distributed to the visitors and a return home made by special car.

SEE!!

There are some good offers this week in the “Buyers’ Directory” section of this paper. Field grown carnations, decorative plants, ferns, etc., are offered by firms of high standing and you should not overlook this seasonal opportunity to stock up with profit yielding material.
During Recess

Tuxedo Horticultural Society.

This Society held their outing and clambake at Hillburn, N. Y., on Wednesday, August 23rd. The ideal weather brought out a large number of gardeners and friends, who were conveyed in stages, the distance being about ten miles.

After some refreshment the boys and girls' races, single and married ladies' race, single ladies' three-legged race, married and single men's races, high jump, broad jump, and 100-yard dash were well contested, furnishing plenty of fun for the spectators.

The clambake was then served under the shade of the trees. A great reception was given to Karl D. Schafer, the first president of the Society, who just arrived and was received by President D. S. Miller and other officers of the Society. After the group had been photographed the second part of the program was started. A football match between the married and single men with Charles McTaggart of Marshall & Co., and J. Miller of Julius Roehrs as umpires, was won by the single men. In the fat men's race, the first heat was a tie between men, was postponed for a future day, but a little bout between picked nines was indulged in and it was amateur ball to the mark.

Other events and winners were as follows:

- 600-yard dash—Sangster, Walter, Reichert.
- Men's race, over forty—Allard, Strick, McCarthy.
- Boys' race—Hogel, Gasser, Mortz, Zimmerman.
- Ladies' race—Mrs. Buechle, Miss Gearing, Mrs. Pittman.
- High jump—Tobin, L. Neubeck, Jr.
- Putting shot—Kreamer, Galley, Strick.

List of Winners.

100-yard race, men over 40—1st, A. McKenzie; 2nd, J. W. Everett.
100-yard race, men under 40—1st, G. Edmondson; 2nd, E. Westlake.
3-legged race—1st, H. Box and H. Jones; 2nd, J. McDonald and J. Davis.
100-yard race, boys over 16—1st, L. McKenzie; 2nd, E. R. Barrett.
High jump—1st, G. Finlayson; 2nd, G. Edmondson.
Hop, skip and jump—1st, J. F. Johnstone; 2nd, D. McKenzie.
Shot put—1st, A. McKenzie; 2nd, J. McDonald.
100-yard race—1st, G. Edmondson; 2nd, E. Westlake; 3rd, F. Finlayson.
Tug of war, married vs. single—Married men won.
50-yard race, ladies over 40—1st, Mrs. Holmie.
50-yard race, ladies under 40—1st, Mrs. S. Trepess; 2nd, Mrs. Price.
50-yard race, Co. over 14—1st, M. McKenzie; 2nd, E. Treppes.
90-yard race—girls under 14—1st, E. McKenzie; 2nd, E. Everett; 3rd, E. McGovern.
50-yard race, married ladies—1st, Mrs. Elmslie; 2nd, Mrs. McDonald; 3rd, Mrs. Edmondson.
Ball throwing, ladies—1st, Mrs. Price; 2nd, Miss R. Treppes.
Relay race, ladies—1st, Mrs. Price.
Bowling contest, boys—1st, L. McKenzie.
Little children's race—1st, Mary Elmslie; 2nd, Will Adams; 3rd, Rose Adams; 4th, Vera Ashworth.
Rustler chase—Bird caught and won by Mrs. McKenzie.

Children's Race—Tuxedo Horticultural Society.

James McMachen and D. S. Miller, but in the second Miller succeeded in getting in first, Charles McTaggart being third. Several races for children followed, all receiving prizes. The tug-of-war was a great feature in which the married men simply walked away with the single fellows. The result of this victory encouraged the married women to challenge the single women and following their husband's example pulled the young ladies all over the field. This was the Society's first clambake and it was a great success.
A. FISCHER, Secretary.

Buffalo Florists' Club Outing.

The annual outing and picnic was held at Erie Beach on Thursday last and as a "Basket Picnic" it proved a success. In former years it had been the custom to hold a banquet or dinner at the end of the day but as there had been frequent protests on this form from year to year, the committee had decided a change as a tryout. It was a success considering the very inclement weather, a drizzling rain beginning early in the day and ceasing at 3:30 in ample time to run off the events on the long programme. A picnic is never complete without the children and it was partly Children's day.

The ball game, Growers vs. Store-

Married Ladies' Race—Tuxedo Horticultural Society.
THE PRIVATE GARDENER.

A paper read by Wm. Duckham before the S. A. F. & O. H. at Baltimore.

I was much surprised and pleased to receive from your secretary an invitation to read a paper on the subject of the "Gardener." I am also glad to note that your society has honored my profession—the first time, I believe, in the history of your organization that it has been directly and distinctly recognized. This may partly account for the lack of interest of the gardener in your society and his failure to become a member in large numbers. Not to my knowledge has there been a general appeal to the gardeners to join the S. A. F. & O. H.

For some reason or other only a few gardeners hold membership in the S. A. F. & O. H., although the idea prevailing in the minds of some, that they are not wanted, is erroneous. Fundamentally our Society is a trade organization, and the mere addition of "Ornamental Horticulturists" to the Society's title has added very little and few members.

The national flower shows held in the past have been well supported by the gardener and these exhibits have been much appreciated by your Society. These exhibitions should be well supported by every one in the allied trades and professions in which we are so much interested and I trust that many such exhibitions will be held in the future.

The relation between the private gardener and the florist is of the very nearest, and easily traced, for you have only to look in any direction and you will find some of the most successful florists of this country who have graduated from the ranks of the private gardener. It is not my intention to enumerate or name all of them any more that it is to omit any names, but a few come to my mind who started their private garden as a hobby, and such training as they then received is admitted by them to have always been a help to them in their business.

Their names as they come to me at this time are J. N. May, E. G. Hill, J. K. L. Farquhar, Thomas Roland, Peter Atkins, A. L. Dodg-lington, C. H. Totty, and unless I am mistaken the late Peter Henderson started his career as a private gardener, and perhaps gave more and better advertising to young men than any one else, and many today, whether florist or gardener, owe to him a large measure of their success and all over this broad land his influence is still felt.

The private gardener has done his part in the development and advancement of this country, both by his work directly and indirectly, for every one he has charge over his work comes directly to his employer and the majority of them take a keen delight in having the place well kept, growing and producing flowers, vegetables and fruits, and to have all this a little better than his neighbor. Then again where there are such places of this

The minds to doing something that will be a joy and pleasure to others as well as to ourselves.

Novelties or something new always attract the gardener and you will find him among the first to try or test these, no matter whether flower, vegetable or plant, he is ever eager to secure them and when one stops to consider, it seems inexplicable, the lack of interest or utter indifference, that it appears almost criminal, then let us create or at least try and improve some flower or plant over what we found it.

Since the gardener has become better known and more generally appreciated by his employer a mutual feeling has sprung up between the two. This is true in a great many ways and is as it should be, and comes as the first aid to our social and moral status. In our profession, let the man who has the opportunity, show by precept and example to the less informed, and particularly to the young man under his charge, that moral influence so necessary for the upbuilding of our honored calling. For they are the men who will be called upon to carry on the work where we are compelled to lay it down. Whether he be florist or gardener let us beware that we grasp more of our opportunities and take our stand where we rightfully belong.

The need of the times seems to be a scheme or scope of operation in which all interests should unite for horticultural advancement. A national society such as we have, ca. urged to the extent of founding and maintaining a garden after the manner of the Royal Horticultural Society of England, at Wisley, and previously at Chiswick, gardens that for over fifty years have done excellent work such as we need to have in this country.

Instead of pleading with the state legislatures for appropriations and greenhouses at state experiment stations, could not more and better work of this kind be done in a garden be-
Obituary

Mrs. Jane Buxton

Mrs. Jane Buxton, widow of R. A. Buxton, who carried on the Riverside Greenhouses at Bridgeton, R. L., died suddenly on Aug. 16, aged 68 years.

Archibald Smith

Mr. Archibald Smith, seed merchant, Oxford, who suffered for some years from heart disease, has passed away at the age of 51 years. He was a native of Stranraer, Scotland, and received his early training in his father’s nursery and in the business of the firm in the U.S. He held several important positions in the seed trade in the United States, prior to taking over the Oxford business.—From the British Horticultural Trades Journal, Aug. 16.

Mr. Smith will be best remembered on this side of the water from his long connection with the firm of Joseph Beck & Son of Buxton, where he was for many years manager of their seed department.

Joseph Schmidt

Joseph Schmidt, one of Harrisburg’s veteran florists, died on Aug. 23. His death was due to old age, although he had been ill for some time.

Mr. Schmidt was born at Heldrecht, Germany, April 12, 1827. He came to this country in 1860, and lived in Philadelphia for five years, after which he came to Harrisburg, Pa., where after working for some years for other people, he went into business for himself. He retired from active business in 1901, when he turned over all his interests to his son.

Mr. Schmidt was widely known throughout the state and for twelve years served as superintendent of the floral department of the State Agricultural Society. Mr. Schmidt is survived by his wife, two sons and a daughter, and several grandchildren.

CARD OF THANKS

Mrs. John Birnie and family wish to extend their heartfelt thanks to all their friends: to the members of the New York Florists’ Club; members of the Baltimore Gardeners’ and Florists’ Club; members of the Floral Club of Washington; and the Society of American Florists and Ornamental Horticulturists for their kind words of sympathy, and also for their beautiful floral offerings upon the death of the beloved husband and father, in their sad bereavement.

MRS. JOHN BIRNIE AND FAMILY

NEWS NOTES

Waltham, Mass.—Neil Bros., of Dorchester, have leased the greenhouses of R. E. Logan and Company.

Manchester, N. H.—J. Van Lindley Nursery Co. have purchased an additional tract of five or six hundred acres of land for development as an apple nursery.

Waltham, Mass.—Edward P. Smith has sold the Kiddie greenhouses on Waverley to Edward H. Whittemore, son of Henry Whittemore, former superintendent of schools in this city. It is understood that Mr. Whittemore has disposed of the property and will engage extensively in the florist business.

PHILADELPHIA NOTES.

The Pennock-Meehan Co. announce that they will close at noon, Labor Day, Sept. 4th.

Charles Henry Fox is now located in his new store, Broad below Walnut, and unique and clever ideas are in progress of development. In the choice of painters and paper hangers it would be unfair to describe the embryos at present. We can tell better about them when completed.

Pennock Bros. have completed an enlargement of their office facilities which is not only an elegant addition to their store but will also allow a segregation of the expression of the legs of the head of the firm, A. B. Cartledge, and room for “enlargiensis of the coco” of his modest bookkeeper and cashier, Ben Starkey.

H. H. Battles and the Century Flow-
er Shop, considered among the leaders of the retail flower dealers of the country, have an attractive feature at present. In the shape of an oval hanging basket filled with ferns and other foliage plants, several of which are suspended on the store front as a decorative feature. We are told that these have had a very good run. M. Rice & Co. offer these baskets and Mr. Eeckner says they have taken so well that they have just opened up their third shipment for the reason.

August 11, 1911.


Gentlemen:—Kindly send us your Katalog of Florists’ Supplies, etc., etc., as we wish to keep “up-to-date” and have come to the conclusion that we can ONLY do so through you.

Yours respectfully,

This comes from a prominent house in the far west. Isn’t it nice to get “outsidethehatches” like that. Of course HORTICULTURE helped to secure it.

The feature at the club meeting, Tuesday, September 4th, will be a resume of the recent convention. The speakers have been selected by J. Otto Thilow, chairman of the committee and a very interesting symposium will no doubt result. Volunteers who may wish to interpret their personal opinions will be respectfully recognized by the president. At least we hope so. But of course there is a limit—and such bowing experts as your seribe (with a grievance) will be barred. Take notice that he has been officially declared no newspaper man and barred accordingly from the bowing competition. James Iver Donlan and J. Austin Shaw were apparently the only “mouthful men” to make the cut, according to the Baltimore standard. What does friend Dala Mare think of that?

Visitors: Mr. and Mrs. J. S. Simmers and children, Toronto, Ont.; J. N. King, Norristown, Pa.; Kent Bros., Newark, O.; Mrs. Dondore and Lou Dondore, Lexington, Pa.; J. S. Stines, Louisville, Ky.; W. W. Rand, Chicago, III.
Boddington's Quality Christmas and Winter-Flowering Sweet Peas

**BODDINGTON’S EXTRA EARLY CHRISTMAS WHITE SNOWBIRD.** An early date for a Sweet Pea, with a lovely tall pure white flower, large stems, habit fairy dwarf and of exceptionally free-flowering qualities. With out doubt the finest early white for indoor planting. We sell one grower in Pennsylvania 33 lbs. of this variety every year, name on application. Oz., 50 cts.; ¼ lb., $1.35; ½ lb., $1.75; 1 lb., $2.50.

**BODDINGTON’S CHRISTMAS WHITE PINK.** This is the earliest and most profuse and useful Sweet Pea in cultivation, as by sowing the seed under glass in late part of August flowers can be cut from Thanksgiving day until Christmas. The flowers are fully double and very free-flowering. Oz., 35 cts.; ¼ lb., 75 cts.; ½ lb., 1 lb., 2½ lbs. have $1.00.

**BODDINGTON’S CHRISTMAS WHITE PINK.** A companion to our Christmas Pink. Large flowers, giving a profusion of flowers for indoor use. Oz., 25 cts.; ¼ lb., 50 cts.; ½ lb., 75 cts.; 1 lb., $1.50.

**BODDINGTON’S CHRISTMAS CANARY.** Similar to the above, but flowers of an exceptionally good yellow. Oz., 35 cts.; ¼ lb., $1.00; ½ lb., $1.15; 1 lb., $3.00.

**BODDINGTON’S FLAMINGO.** Color scarlet; free-flowering and early. Oz., 50 cts.; ¼ lb., $1.50; ½ lb., $2.75; 1 lb., $5.00.

**CHRISTMAS MELODY.** Scarlet; blue opened red flower. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.25; 1 lb., $2.40.

**CHRISTMAS CAPTAIN.** Blue and purple. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.35; 1 lb., $2.50.

**FLORENCE DENVER.** Pure white. Oz., 15 cts.; ¼ lb., 50 cts.; ½ lb., 75 cts.; 1 lb., $1.00.

**LE MARQUIS.** This is the same color as Princess of Wales, violet; has very large flowers. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.25; 1 lb., $2.00.

**MIS Helen M. Gould.** White, open flower; standard blue, marbled. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.35; 1 lb., $2.40.

**MRS. J. S. KEITH.** Lilac; very large flowers. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.25; 1 lb., $2.00.

**MRS. F. Wild.** Carmine or dark pink. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.35; 1 lb., $2.50.

**MRS. GEORGE LEWIS.** Large, pure white, wavy flower. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.25; 1 lb., $2.50.


**MRS. P. J. DETANANSKY.** Daybreak. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.25; 1 lb., $2.50; 2 lb., $5.00.

**MRS. CHAS. H. TOTTY.** Sky-blue; late. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.25; 1 lb., $2.50.

**MRS. ZOLOANEK.** Blue, variegated; good for variety. Oz., 50 cts.; ¼ lb., 75 cts.; ½ lb., $1.25; 1 lb., $2.50.

**WATRTYNO.** Pure white. Oz., 15 cts.; ¼ lb., 50 cts.; ½ lb., 75 cts.; 1 lb., $1.00.

**WIN. J. STEWART.** Blue self. Oz., 25 cts.; ¼ lb., 75 cts.; ½ lb., $1.25; 1 lb., $2.50.

All other varieties of Winter and Summer Flowering Sweet Peas supplied. Write for quotations.

Arthur T. Boddington, Seedsman, 342 West 14th St., New York.

个人

马丁·T·博丁顿，来自南加州，他的地址为Oak Bluffs，Mass。他在上周二回到自己的店铺，然后在法国参观。

朱利叶·赫尔兰在蓝山丘的花卉店工作，她在马萨诸塞州和纽约州度过了一个愉快的周末。

Harry Sawyer，来自德克萨斯州的德克萨斯城，他在本月12日乘坐火车返回得克萨斯。

A. C. Canferd，来自Springfield，Ill，他参观了St. Louis的几个主要的花园展示。

H. L. Wilson，来自美国田纳西州的Nashville，他在芝加哥度过了一周。

F. W. Brinings，来自Boston，他在纽约的旅行中享受了良好的气候。

E. H. Wilson，来自美国的Westbury，他在纽约的旅行中享受了良好的气候。
PARK GARDENING.
Read before the Florists' Club of Philadelphia, August 1st, by Xavier E. E. Schmitt.

(Continued from page 338)

It has been our aim to have as much variety as possible and we find that oftentimes a small group gives a great deal of pleasure to the public. If of things that are not met with in the ordinary lines of the trade. Orchids come in for a lot of inquiry as most people have in mind only cattleyas and a few cypripediums as orchids and it is a revelation when they see some small-flowered or curious orchid in bloom.

The planting commences with panories and daisies and a few other spring flowering plants about April 10th which is about the earliest with us that planting can be done, followed by geraniiums in the middle of May and by the beginning of June all kinds can be planted. Then in the fall we plant the tulips just as fast as we can so that they can make some roots before the ground freezes over. We plant May-flowering tulips in groups among shrubbery, also in colors in beds along with singles, making a succession which is very pleasing and prolongs the season. They are useful where they are succeeded by foliage beds. In fact I always advocate the planting of bulbs of all kinds as such handsome effects can be obtained for such a small outlay.

For a number of years we have been paying attention to cacti and other succulents, (of which we have about 500 species and hybrids) and keep a large set of beds for them with a decorated ground cover devoted to these during the summer and fall. It is remarkable to note the number of visitors who come to inspect these. They are odd, grotesque and most delicately peculiar as plants, all visitors will spend some time admiring them. We also give some attention to aquatic plants among which the following stand out prominently—Nymphaeas, hardy and tender ones combined; the stately Nymphobium, the two Victorias and many other minor aquatic plants. Canna and Iris Lake is one of the handsomest in the park, where can be seen N. odorata by the thousands the surface of the water fairly covered with floating stars.

One class of plants which I will touch on before closing is the Rambling Roses, which are used over unsightly cliffs and embankments where undesirable trespassing in the latter as well as beautifying in both can be obtained. It would be a grand sight to come across what had previously been an unsightly wall of rocks to find them transformed with draping of beautiful green followed by a sheet of blooms later on and in the full covered by brilliant clusters of fruit which will last nearly all winter. Among these I would mention Lady Gay, Dorothy Perkins, Gardenia, Evergreen Gem and in fact, all the Wicuriania hybrids and many others.

I believe from an educational point of view the Public Park and its system has much to do in the education of the people. Many schools in and around our city visit the park very frequently by entire classes accompanied by their teachers to study plant life from nature, also a great number come from afar to study it and to admire. They imbibe civic pride, and adopt as nearly as means will permit, better conditions surrounding their own homes.—the most frequent visitors are that class of people. On the other hand, opening the whole park to the public and allowing the freedom of every part of the grounds (for public use with us there are only a few places where people are not allowed on the grass) is the strongest health feature and one which the parks alone afford. Park gardening requires many-sided abilities, which, when practiced by the up-to-date gardener gives to the visitors from other cities impressions deep and lasting.

LARGEST IRON FRAME CARNATION HOUSE ON LONG ISLAND, 55x400 FT.

Owned by A. Cockcroft, Northport, L. I. The Big Kromschell Boiler Exhibited at Baltimore Will Heat This House.
Catalouges Received.
A. Dessert, Chenonceaux, France.—Peony Novelties for 1911, Suzette and Marquis C. Lagergren.


R. & J. Parquer & Co., Boston, Mass.—Autumn Catalogue. A splendid bulb list, profusely illustrated on coated paper. The first cover page shows the "Dutch Garden" at the National Flower Show of 1911 in dark green tints. On the back is a handsome group of Darwin tulips, named varieties.

Arthur T. Boddington, New York City—Florists’ Bulbs and Seeds for Forcing and Planting, Summer and Autumn, 1911. The "seal of quality" in gold is the principal adornment of this well-balanced and very comprehensive catalogue. Prices quoted per 100 and 1000 and the bulb growers will find them very interesting.

News Notes.
Atlanta, Ga.—The McMillan Seed Company has moved into new and larger quarters at 27 South Broad St. This firm began business in Atlanta in 1877 when the company was established by the father of J. C. McMillan, the present manager and has developed a large trade throughout the south.

It is reported that a move is on foot to organize the vegetable forcing green house establishments in northeastern Ohio, with Youngstown as a selling centre, to control market prices on the product. The combination, if such does exist, has been carried on with great secrecy and many denials of the newspaper rumors are made.

In olden times every man carried a sword, which was necessary for purposes of honor and self-preservation. When a man wanted to show another his intentions were peaceable he extended his right hand, signifying he was at the mercy of the other by giving up his fighting arm. If the other reciprocated he, too, extended his fighting arm and they grasped hands as a token of mutual trust and friendship. Now there are various kinds of handshakes—some vigorous, denoting strength, much of the mediocre kind, as though it was more a duty than a voluntary salute: but the limit is the fish-hand—have you ever held one? Well, it feels like you were handling the entrails of a chicken—a sort of a slimy-where-are-you feeling, that leaves with you the impression that the poor fellow was waneed too soon—a sort of human pancake batter. Now, good, sound, solid lily bulbs are like a good, sound, solid handshake—not made in a biscuit mould, but by nature good stuff: but the other kind are just like the fish-hand. Shake hands with the Horseshoe Brand bulbs—it’s worth your while to try them.

Write for prices.

Ralph, M. Ward & Co.
12 West Broadway
NEW YORK CITY

Cold Storage bulbs of all kinds ready for immediate or future shipment.

Order now please.
Seed Trade

- The Bean Crop.

With the exception of beans and corn, seed crops are now practically mature although some will be delivered in a few weeks before accurate information as to the percentages of the various items will be available. Beans are almost mature, but there are some late plantings which will require some two or three days more to fully reach a marketable condition. Corn is generally good, the tendency being to discard the late corn in order to increase the yield from the early plantings.

Corn, Peas and Root Crops.

We have heretofore, reported early varieties of both corn and peas as being in fair condition all indications pointing to a short crop. Of medium early and late varieties, there will probably be fair crops, especially, should frost hold off until the end of the month. It cannot be denied that corn is late, and a severe frost within the next two weeks would probably cause very serious shortage in marketable lines but cannot give any more definite information at this writing. We hope to be able to say something more next week. Under pressure from their customers, a few growers of peas have sent out estimates of what they expect to deliver on contracts, but such estimates are not very reliable and when final deliveries are made, they are likely to show a difference of from 10 to 20 per cent. either way and possibly even more.

About Contract Deliveries.

It is of course, excusable in buyers to want to learn as early as possible which of their contracts are going to be fulfilled. At the same time, they should realize that any estimate furnished at this date can be little more than a guess, and is based entirely on preliminary estimates which vary as to results from ten to forty per cent. Should the growers' figures be too high and he finds he cannot deliver the percentages named in his preliminary estimates, the buyer is liable to feel that he has been misled or that the grower is not giving him a square deal. On the other hand, if he is understanding and delivers a larger percentage, it is sometimes unsatisfactory, as the buyer will say that he has overcharged his short-ages based on the preliminary estimates. We believe it is the duty of growers to inform their customers of the general progress of crops in which they are interested and to inform them of the estimates they are giving, so that the buyer may be able to judge as to the value of his crop, and therefore, to fix a price for it. It is also in the interest of the grower to give the buyer as much information as possible, with some knowledge of what their crops are going to yield. This is an old story and one that is gone over every year and probably will be an annual incident in the business until buyers learn to restrain their impatience and give the growers time to learn something definite about their crops.

Crop Report From Holland.

The 1911 Crop Report from Sluis & Groot, the largest firm in Holland, gives the following information:

The winter was very mild so that all perennials could stand it well, but a continuous drought caused variable and many remained weak. In spring we got a heavy frost which, although not so fatal as in other parts of Europe, has also done much harm. Radish, mustard, turnips, and cabbage, which at first seemed to be totally lost, gradually recovered themselves, and those annuals that were wholly destroyed could be re-sown. After this we got very favorable weather which, with the nice rain in June, did much good to crops that were not looking very promising at the time, so that generally speaking the stand, though not brilliant, may be called satisfactory.

Beans Dwarf.—Average stand, suffering much from drought, may recover.

Beans Running.—Stand under muddling, partly threatened by disease and only a small crop expected.

Beans.—Very much damaged by lice, and the yield will be under muddling.

Beets.—Stand is generally unsatisfactory.

Cabbage, White and Red.—Continual drought in spring kept the plants backward and some even perished. The further development was satisfactory. The crop in general will be under muddling we think.

Savoy, Brussels Sprouts, Borecole.—In general a little better. We expect a good average crop.

Cauliflower.—Has suffered from frost, notwithstanding may give an average crop.

Celery.—Did not grow in spring. Shows many open places and promises but a small crop.

Chervil.—A considerable part of the plantations has been lost. The remainder practically in the same condition as last year.

Corn Salad.—A large acreage was sown, but a good deal got lost on account of the great heat. Little more than half the acreage is there.

Cucumber.—There is a good stand until now, and may produce a good crop.

Garlic Bulbs.—Good.

Koh Rabi.—Only a small area planted. Stand under average.

Mangel Wurtzel, Sugar Beets.—Few planted, which partly developed unsatisfactorily, and we expect therefore a small crop.

Onions.—But a small area planted. Stand satisfactory.

 Parsley, Parsnip, Peas.—Stand satisfactory.

Radish Summer.—There is a good stand until now.

Radish Winter.—Partly satisfactory, mostly good.

Spinach.—Promise a moderate crop.

Sorceronera.—Produced a satisfactory crop.

Swede Turnips.—Both suffered much from frost in spring and are promising but a small average crop. Some turnips badly damaged by worms in the north. Many plantations could yield one fourth or less than average crop.

Flower seeds.—Although the weather for flower seeds was not equally good, the present standing of the crop gives expectation for being in every respect satisfactory.

Notes.

Clarence Kennerly, formerly of Kansas City, Mo., has taken an interest in the Alexandra Seed Co. of Augusta, Ga.

H. W. Gordelin of Troy, has had some little difficulty in settling with the insurance companies on his recent loss in the fire at Woodbury, Conn. and Troy, other companies have satisfactorily settled the claim and the insurance adjustors could not get together on the value of the salvage in seeds and as a consequence all seeds in the establishment, prior to the fire have been disposed of and he receives the full inventory value of the same.

The Mott Seed Co. have moved from Waterflet to Troy, N. Y., and are now within a block of the city market, in a very excellent location and should do a large business. The aim of this concern is to furnish the highest possible grades of seeds regardless of cost and we believe there will be a sufficient number of buyers who will appreciate this fact to make their business a success.

The aster seed crop in Germany is in bad shape. From February on until middle of July there was almost no rain and the plants were simply dried out. The situation is especially unfortunate as last year the summer weather came too late and seriously affected germination so that there was no stock to carry over. Asters require a slow, cool, moist weather to give the qualities of substance and size in the flower and to produce seed that will give good results. In a warm climate the seed crop may be better as to quantity but the quality is not there.

CELEY PLANTS FOR THE SOUTH

In North Carolina, Virginia, Maryland and other states, celery plantings have been made now and he able to compete with the North for the market, which promises to be a large one this winter. There is a demand now in these States for some small plants for $2.25 per thousand. Also very large plants.

WARREN SHINN, Woodbury, N. J.

GIAN

English Cylamen Seed—best strain, $0.90 per 100. Pantry Seed—nice grown, $0.90 per oz. Mignonette Giant, greenhouse forcing, $0.90 per oz., 1/2 oz. $1.00.

SKIDELSKY & IRWIN CO.

1215 Betz Bldg., Philadelphia

Burpee's Seeds

PHILADELPHIA

Blue List of Wholesale Prices mailed only to those who plant for profit.

COLDWELL LAWN MOWERS

Hand—Horse Motor

Known All Over the World

Catalogue on Request.

NEWBURGH, N. Y.
MICHELL'S Colossal Mignonette

The seed we offer is greenhouse grown, picked from specimen spikes only, and from a strain which has no superior in this country.

Fresh seeds ready now
Trade Packet, 40c $3.00 per oz.

WHOLESALE FALL CATALOGUE READY NOW

HENRY F. MICHELL CO.
518 MARKET STREET
PHILADELPHIA

TURNIP SEED BEANS
LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO
Wholesale
SEED GROWERS AND DEALERS

SEEDS, PLANTS, BULBS
All seasonable kinds of best quality
Special prices on large lots

JAMES VICK'S SONS,
Seedsmen
ROCHESTER, N. Y.

FINEST FLORISTS' SEEDS
Price list free on request.
Joseph Breck & Sons Corp.
47-54 No. Market St., BOSTON, MASS.

CHOICE SEEDS
FOR PRESENT PLANTING
Stocks, Asters, Chinese Primulars etc.
THOMAS J. GREY CO.
32 South Market Street, Boston, Mass.

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas,
Growers for the Wholesale Trade Only
SAN JOSE, CALIF

Farquhar's Flower Seeds for The Florist

Write for our Wholesale Catalogue

R. & J. FARQUHAR & CO.
Boston, Mass.

Established 1820

Asparagus Plumatous Manus
New Crop Just Received
We offer while unsold as follows:
1,000 seeds $2.50.
5,000 seeds and up @ $2.25 per 1000
10,000 seeds and up @ 2.00 per 1000
20,000 seeds and up @ 1.75 per 1000

Cold Storage Lily of the Valley Pips
HIGHEST GRADE
Cases of 1000 pips @ $13.00 per case
Cases of 3000 pips @ $6.00 per case

J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

BRIDGEMAN'S SEED WAREHOUSE
RICKARDS BROS.
Props
37 East 19th St., - NEW YORK CITY

CAULIFLOWER

MANG 1D, SWEDISH TURNIP
LILY OF THE VALLEY PIPS
HJALMAR HARTMANN & CO.
COPENHAGEN, DENMARK.

Sphagnum Moss
In Burlap Bales; per bale $1.00, 6 bales for $5.00, 10 bales for $8.00.
Larger Lots at Lower Prices.

The W. W. Barnard Co.
107-111 W. Kinzie St., CHICAGO
CHICAGO NOTES.
Florists’ August Record.

The last of August was hailed with delight by the florists, who were anxious to have the dull season closed. The month seems to have been much in demand as a success from July to the sales standpoint. Nearly all broke their previous records and the fact is that this season finds demand for flowers exceeding the demand of other seasons. The florists’ business rests upon the funeral work may see some connection between the show sales of August and the fact that there is unusually small number of deaths occurred which month and that July business was caused by the great number of deaths following the excessive heat of June.

Activity at Wittbold’s.
At the Geo. Wittbold place, at Edgebrook the stir of early fall season is seen everywhere. Cases of Livistonia rotundifolia from the Hawaiian Islands and latania seed from the South are being unpacked and the French and Dutch bulbs are already in the earth. From the overflowing coal sheds to the drooping gladious beds were seen evidences of the close of the summer season, which has been a very good one here.

The fourth crop of rubrum lilies is now ready for cutting and last week the first chrysanths. Golden Glow and Smith’s Advance; the latter, a white which so far is not satisfactory—were sent to market. This company ships from 25 to 30 cases of the sun of numbers, early, medium and late, which will give continuous cut till the holidays.

Annual Luxemburg.
As usual at this season several of the florists on the “Ridge” are preparing for the fruit and flower festival on Sept. 3 and 4 to be held at Kahrusae’s Grove.

Trade Notes.
The Chicago Carnation Co. cut their first crop of Carnations this week—flowers 2½ and 3 inches in diameter, a large bloom for late August. Otto W. Frese says he is fully satisfied with the crops grown and is opening up with the Chicago Flower Growers’ Association. They opened at the dull month in the year but shipping trade has advanced steadily from the first.

The E. H. Hunt Co. is getting out the cuts for its labor saving device known as the Fisher Plant Clip, for tying carnations and roses. This firm is always ready anything that is really a help to the florist. Full description will appear next week.

Personal.
Lloyd Vaughan returned Sunday from three weeks in Michigan.
Henry Van Geider left Sunday for a trip to Texas where he hopes to regain his health.

H. Hilmers of the Kenwood Floral Co., 1117 47th St., has been taking a trip east and further resting during the dull season at Rock Island.
Mr. and Mrs. L. Stopp of Rock Island, Ill., were here to attend the auto races in Elgin and were fortunate in not being on the grand stand which collapsed.

E. J. Reynolds and Joe Georgeault of San Francisco, Cal., who are visiting here will remain here but they secure satisfactory factory prices. The former lived here some years ago.

Miss M. Wattman of Amiling’s has returned from an eastern trip covering New York, South Pine River and New York Miss Gunderberg who went with her will be home soon.

Peter Osebar, foreman for the Chicago Carnation Co., this week cut and furnished all the honors of the Chicago Bowling Club at the convention. His friends all congratulate him on his ability to walk off with three handsome prizes, the $75 diamond medal for highest man of each team, eight competing; the W. W. Barnard cup which he won last year at Rochester and this year at Baltimore, making it his, and the F. C. Bauer cup for greatest number of spares.


WASHINGTON NOTES.
S. Everett of Gude Bros., is spending his vacation at Niagara Fall and Cora, N. Y.

Miss Carpenter, bookkeeper for the Washington Florists’ Company, is spending her vacation at Betterton, Md.

Frederick Miller, for eighteen years a designer for Gude Bros., has entered the employ of Fred H. Kramer in a similar capacity.

Miss Elin Cunningham, with J. H. Small & Sons, is spending her vacation at Ocean Grove, Pa., and H. K. Koeppele also with this firm is at St. George’s Island, Md.

The following members of the sales force of the Kramer stores are now on their vacation: A. J. Allen, manager of the Ninth street store; Mrs. Cauffman, Mrs. Watby, Thomas Yeung and Arthur Tuddé.

John H. Small, Jr., has leased the stores at 522 W. Thirty-fifth and H streets, N. W., in the new Woodward Building, not yet completed. This new location is in a very fashionable part of the city and the store will be well in keeping with its surroundings.

The Pennock-Meehan Co., it is reported will soon open a new store at 1216 H Street, N. W. W. E. McKissack looks after the Washington end. It is said that in the new location the firm will have improved facilities which will greatly aid them in taking care of their many customers.

Many of the local florists are making extensive preparations for increased business, especially during the fall. As the result of the call of Congress Heights, has made numerous improvements to his greenhouses; Fred H. Kramer has completed two houses and has been busily at work in Arizona, for palms and ferns. The Gude Bros., “American Rose Company” plant in Mt. Olivet is now sending forth its share of goods. October 1. Order of the Veiled Prophets, are planning extensive entertainment for visiting members of the same order on September 26. With this in view large working committees have been appointed of which many florists are members: Fred H. Kramer is chairmen of the ladies committee. Mr. Breitmeyer is a member of the finance committee, Adolphus Gude, Wallace Kimmell, George H. Cooke, George H. Shaffer and O. A. C. Ochmiller, decorators. Order of the Veiled Prophets. J. H. Small of this city, assisted by Mr. Dalgliesh, handled the decorations in connection with the dinner given by the ladies committee. Mr. Dalgliesh and partners, Montgomery, Ala.; Mrs. Lawrence of the Westview Florist Co., Atalanta, Ga.; John G. Esler, Sadie Rigsby, N. J. G. Kloepper, Mrs. Julius Rockers, Linterford, N. J.

CLARENCE L. LINZ.

“FLOWERS BY TELEGRAPH.”

Leading Retail Florists Listed by Towns for Ready Reference.

HORTICULTURE
To Cut Flower Growers and Retail Florists

IF YOU want to find a market for your product

want a regular or special supply of the product of the best growers

Consult the Advertisements on these Wholesale Flower Pages

The Advertisers Represented Here are the Leading Concerns in the Wholesale Flower Trade

WELCH BROS,
AMERICAN BEAUTY, KILLARNEY, RICHMOND, TARYLAND AND ALL THE SUPERIOR ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED

226 Devonshire Street, Boston, Mass.

WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100

TO DEALERS ONLY

ROSES

<table>
<thead>
<tr>
<th></th>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHILA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#</td>
<td>Aug. 31</td>
<td>Aug. 28</td>
<td>Aug. 29</td>
<td>Aug. 29</td>
</tr>
<tr>
<td>Am. Beauty, Fancy and Specials...</td>
<td>10.00</td>
<td>12.00</td>
<td>14.00</td>
<td>16.00</td>
</tr>
<tr>
<td>Extra...</td>
<td>10.00</td>
<td>13.00</td>
<td>15.00</td>
<td>17.00</td>
</tr>
<tr>
<td>No...</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Lower grades...</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>New...</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fao., &amp; Spl...</td>
<td>7.50</td>
<td>7.50</td>
<td>7.50</td>
<td>7.50</td>
</tr>
<tr>
<td>Low grades...</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Raikes, Mold...</td>
<td>7.50</td>
<td>7.50</td>
<td>7.50</td>
<td>7.50</td>
</tr>
<tr>
<td>Kaisers, Crest, Taft...</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Carnations, First Quality...</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Ordinary...</td>
<td>1.50</td>
<td>1.50</td>
<td>1.50</td>
<td>1.50</td>
</tr>
</tbody>
</table>

MISC. \& LAKE FLOWER

Cattleya... | 16.00 | 18.00 | 20.00 | 22.00 |
Lilies, Longstem... | 5.00 | 5.00 | 5.00 | 5.00 |
Lily of the Valley... | 4.00 | 4.00 | 4.00 | 4.00 |
Chrysanthemums... | 10.00 | 12.00 | 14.00 | 16.00 |
Gladiolus... | 5.00 | 5.00 | 5.00 | 5.00 |
Asters... | 5.00 | 5.00 | 5.00 | 5.00 |
Daisies... | 5.00 | 5.00 | 5.00 | 5.00 |
Dahlias... | 5.00 | 5.00 | 5.00 | 5.00 |
Sweet Peas... | 1.00 | 1.00 | 1.00 | 1.00 |
Gardenias... | 15.00 | 15.00 | 15.00 | 15.00 |
Saffrons... | 10.00 | 10.00 | 10.00 | 10.00 |
Asparagus Plumosa, Stripes (lo... | 5.00 | 5.00 | 5.00 | 5.00 |

J.A. BUDLONG
82-84-86 E. Randolph St., Chicago
OUR STOCK IS A-I AND IT IS QUALITY NOT PRICES THAT TALKS

Chicago Flower Growers' Association
Wholesale Growers of Cut Flowers and Plants
176 N. Michi gan Ave., Between Randolph and Lake St reets, Chicago

HENRY M. ROBINSON & Co.
15 Province St., 9 Chapman Pl., BOSTON, MASS.

Everything in Flowers
Complete Stock of Florists' Greens,
Three Floors of Florists' Supplies.

TRY MY PRICES.
Tel. Main 20531.
J. JANSKY
19 Providence St., Boston, Mass.
Manufacterer of Florist Wire Designs.
All kinds of Florist Supplies.
New crop Daguerre and Fancy Forms, $1.75 per 100, Green and Bronze Galass, 11c per doz., 14-inch, $1.25 per doz., 18-inch, $2.25 per doz., 24-inch, $2.75 per doz., 32-inch, $3.50 per doz., 48-inch, $4.50 per doz., 64-inch, $5.50 per doz., 100-inch, $7.50 per doz., 12-inch, $1.25 per doz., 18-inch, $2.25 per doz., 24-inch, $3.25 per doz., 32-inch, $4.25 per doz., 48-inch, $5.25 per doz., 64-inch, $6.00 per doz., 100-inch, $8.00 per doz., 100-inch, $10.00 per doz.

CUT FLOWER BOXES
EDWARDS FOLDING BOX COMPANY
MANUFACTURERS
PHILADELPHIA, PA.

THE BEST LETTERS
FOR THOSE MADE
BY THE
Boston Florist Letter Co
No Pearl St., Boston
N. P. McCarthy, Mgr.
Order direct or buy from your local supply dealer. Insist on having the BOSTON Inscriptions, Emblems, etc. Always in Stock.

PETER REINBERG
WHOLESALE
CUT FLOWERS
37 Randolph St., Chicago, Ill.
POEHLMANN BROS. CO.
33-35-37 Randolph St., CHICAGO
CUT FLOWERS
Greenhouses, Morton Grove, Ill.
George B. Hart
WHOLESALE
FLORIST
24 Stone St., Rochester, N.Y.
The J. M. McCullough's Sons Co.
WHOLESALE COMMISSION FLORISTS
CONSIGNMENTS SOLICITED
SPECIAL ATTENTION TO SHIPPED ORDERS. JEFFERSON'S SUPPLIES, SEEDS AND BOLTS. PRICE LIST ON APPLICATION.

A ST I E R S
The Best, per 100... $2.00
Firsts, per 100... $1.00 to $1.50
For Design Work, per 100... $0.75
The choicest stock on the market in any quantity.

DAHLIAS
$1.00 to $2.00 per 100.
The newer introductions and all good commercial varieties.

DOROTHY PEACOCK
The finest pink Dahlia on the market; per 100, $5.00.

The Leo Niessen Co.
Wholesale Florists
1209 Arch Street, PHILADELPHIA, PA.

CUT FLOWER BOXES
EDWARDS FOLDING BOX COMPANY
MANUFACTURERS
PHILADELPHIA, PA.

341 HORTICULTURE September 2, 1911
Flower Market Reports.

A week of almost steady rain is August's longed-for gift. Very grateful we should be, no doubt, but one is disposed to cry "hold, enough." A result, not without some satisfaction, is the enforced return of many people from the raw dreariness of the seaside and mountain in such weather and that should tend to start some little animation in the flower demand, which is something sorely needed. No sign yet of any improvement, however, as the present week has been the duller of the month, and the wholesale markets have been heaped high with asters of all qualities—some excellent but the majority quite the reverse. The latter cannot be sold, especially in colored varieties, except in bulk for scarcely enough to pay for the trouble of picking. Tea roses are still very slow to move and Beauties are not much better, even when quality is all right. A little briskness is noted, however, in the new sorts such as Lady Hitiingdon and Radiance. A few carnations are seen here and there.

Little or no improvement was seen in the market last week over the week previous. Asters are improving in quality, though there are still too many of the ordinary, which are hard to move. Gladioli continue to be plentiful, also roses and other stock. There is no shortage of anything. It is hoped that the market will change for the better this week as the ending of the month will bring home a good portion of vacationists.

There is a slight improvement in the condition of the market here this week. The supply of summer flowers, especially gladioli, is thinning up and the miscellaneous collections of out-door stocks that cover the counters in August are giving way to the new carnations and the late asters. A much better quality of asters can be had now, the late crop being fully up to the usual standard and so far superior to the earlier ones that sales on them are more nearly satisfactory to the grower than before this season. This does not mean that quantities are not left unsold, and the usual cry of overproduction is frequently heard. The new carnations are beginning to be a feature in the stock and some of the blooms are of excellent size and quality, while asters are rapidly lengthening. The rose business is much the same—plenty of stock of all kinds though buds are small. Sweet peas are again seen to be sold, but do not add much to the volume of sales. The opening of school next week is expected to bring many people back to the city and with this is sure to come an advance in demand for cut flowers and it will be well received by all.

The weather was not

ST. LOUIS so bad last week and that helped the market greatly in the way of good stock and demand. Our commission men are receiving consignments that are greatly in excess of the demand at the present time, but they say that white stock sells well owing to the great amount of funeral material that was worked up last week. Good roses are selling well. Carnations are coming

### DOUBLE WHITE KILLARNEY AND KILLARNEY QUEEN.

Write us for particulars and prices. Orders booked now.

S. S. PENNOCK-MEEHAN CO.

THE WHOLESALE FLORISTS OF

New York

Philadelphia

Washington

108 W. 28th Street

1644-1620 Ludlow Street

1212 New York Ave.

### WHOLESALE FLOWER MARKETS.—TRADE PRICES—Per 100 To Dealers Only

<table>
<thead>
<tr>
<th>ROSES</th>
<th>CINCINNATI</th>
<th>DETROIT</th>
<th>PITTSBURG</th>
<th>SALT LAKE</th>
<th>BOSTON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug. 15</td>
<td>Aug. 15</td>
<td>Aug. 15</td>
<td>Aug. 15</td>
<td>Aug. 15</td>
<td>Aug. 15</td>
</tr>
<tr>
<td>Am. Beauty, Fau. &amp; Fau. Spl.</td>
<td>$15.00</td>
<td>$10.00</td>
<td>$10.00</td>
<td>$5.00</td>
<td>$5.00</td>
</tr>
<tr>
<td>Extra</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
</tr>
<tr>
<td>No.</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Richmond, China, May, Fan. &amp; Spl.</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fau. &amp; Spl.</td>
<td>4.00 to 5.00</td>
<td>4.00 to 5.00</td>
<td>4.00 to 5.00</td>
<td>4.00 to 5.00</td>
<td>4.00 to 5.00</td>
</tr>
<tr>
<td>Helle, 'Old Gold'</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Larkspur, Carnet, Tall</td>
<td>2.00 to 3.00</td>
<td>2.00 to 3.00</td>
<td>2.00 to 3.00</td>
<td>2.00 to 3.00</td>
<td>2.00 to 3.00</td>
</tr>
<tr>
<td>Carnations, First Quality</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
</tr>
<tr>
<td>Ordinary</td>
<td>1.00 to 3.00</td>
<td>1.00 to 3.00</td>
<td>1.00 to 3.00</td>
<td>1.00 to 3.00</td>
<td>1.00 to 3.00</td>
</tr>
</tbody>
</table>

### MISCELLANEOUS

<table>
<thead>
<tr>
<th></th>
<th>CINCINNATI</th>
<th>DETROIT</th>
<th>PITTSBURG</th>
<th>SALT LAKE</th>
<th>BOSTON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug. 15</td>
<td>Aug. 15</td>
<td>Aug. 15</td>
<td>Aug. 15</td>
<td>Aug. 15</td>
<td>Aug. 15</td>
</tr>
<tr>
<td>Cattleyas</td>
<td>to</td>
<td>to</td>
<td>to</td>
<td>to</td>
<td>to</td>
</tr>
<tr>
<td>Lilies, Longiforum.</td>
<td>10.00 to 12.00</td>
<td>10.00 to 12.00</td>
<td>10.00 to 12.00</td>
<td>10.00 to 12.00</td>
<td>10.00 to 12.00</td>
</tr>
<tr>
<td>Lilies, early varieties</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Gladiolus</td>
<td>to</td>
<td>to</td>
<td>to</td>
<td>to</td>
<td>to</td>
</tr>
<tr>
<td>Astras</td>
<td>to</td>
<td>to</td>
<td>to</td>
<td>to</td>
<td>to</td>
</tr>
<tr>
<td>Daisies</td>
<td>to</td>
<td>to</td>
<td>to</td>
<td>to</td>
<td>to</td>
</tr>
<tr>
<td>Sweet Peas</td>
<td>to</td>
<td>to</td>
<td>to</td>
<td>to</td>
<td>to</td>
</tr>
<tr>
<td>Geraniums</td>
<td>to</td>
<td>to</td>
<td>to</td>
<td>to</td>
<td>to</td>
</tr>
<tr>
<td>Adenium</td>
<td>to</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Asparagus, Flamingo, (100)</td>
<td>10.00 to 20.00</td>
<td>10.00 to 20.00</td>
<td>10.00 to 20.00</td>
<td>10.00 to 20.00</td>
<td>10.00 to 20.00</td>
</tr>
</tbody>
</table>

### A MAGNIFICENT LOT OF

FIELD GROWN CARNATION PLANTS

Stock selected and grown especially for us. We wish to call particular attention to the Mrs. C. W. Ward plants, which are in extra fine shape. Our guarantee goes with every carnation plant we send out, thus insuring to you the very best of quality and satisfaction.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Cincinnati</th>
<th>Detroit</th>
<th>Pittsburgh</th>
<th>S</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mrs. C. W. Ward</td>
<td>$9.00</td>
<td>$8.00</td>
<td>$7.00</td>
<td>60.00</td>
<td></td>
</tr>
<tr>
<td>Dorothy Gordon</td>
<td>8.00</td>
<td>7.50</td>
<td>6.00</td>
<td>50.00</td>
<td></td>
</tr>
<tr>
<td>Enchantress</td>
<td>6.00</td>
<td>6.00</td>
<td>5.00</td>
<td>40.00</td>
<td></td>
</tr>
<tr>
<td>White Perfection</td>
<td>8.00</td>
<td>7.50</td>
<td>7.00</td>
<td>60.00</td>
<td></td>
</tr>
<tr>
<td>Beacon</td>
<td>8.00</td>
<td>7.50</td>
<td></td>
<td></td>
<td>A few White Wonder. 10.00</td>
</tr>
</tbody>
</table>

Distributing Agents for the great new roses for 1912.

### NEW YORK

109 W. 28th Street

1608-1620 Ludlow Street

### PHILADELPHIA

1212 New York Ave.
M. C. FORD
Successor to
FORD BROTHERS
121 West 25th Street NEW YORK
FINE ROSES. FANCY CARNATIONS
A Full Line of All Cut Flowers.
Telephone, 3870 or 3871 Madison Square

H. E. FROMENT
Wholesale Commission Florist, Choice Cut Flowers,
47 West 28th St. :: NEW YORK
Telephones, 2200, 2201, Madison Square.

Alfred M. Langjahr
All choice cut-flowers in season. Send or
Telephone, 3875 4471 Madison Square

Edward C. Horan
Wholesale Florist
55 West 28th St.

Edward C. Horan
Wholesale Florist
55 West 28th St.

WM. P. FORD—
Wholesale Florist
45 W. 28 Street, NEW YORK

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ MAURICE L. GLASS
Coogan Building, 55-57 West 26th Street NEW YORK CITY
Telephone 7521 Madison Square. Open from 5 a.m. to 6 p.m.

THA KERVAN COMPANY
Fresh Cut Evergreens, Mosses
Southern Smilax, Giant and Lecanities
Preserved and Fresh Cut
Cycas and Palmette.
Tel. 1519 1509 Madison Sq. 113 W. 28 St., New York.

REED & KELLER
122 West 28th St., New York
Florists’ Supplies
We manufacture all our
Metal Designs, Baskets, Wire Work & Novelites
and are dealers in
Decorative Glassware, Greens and Florists’ Requisites

P. J. SMITH
Successor to JOHN D. RAYMOND
Wholesale Commission Florist
SELLING AGENT FOR
LARGEST GROWERS
A full line of Choice Cut Flower Stock for all purposes.
by the 100, 1000 or 10,000
TEL. 1908 MADISON SQUARE 49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—3872-3533 Madison Square

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST
GRADE ALWAYS
ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, Mid. Sq. 55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

<table>
<thead>
<tr>
<th>ROSES AND CARNATIONS</th>
<th>Last Half of Week ending Aug. 26, 1911</th>
<th>First Half of Week ending Aug. 28, 1911</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Beauty, Fancy and Special</td>
<td>12.00 to 15.00</td>
<td>12.00 to 15.00</td>
</tr>
<tr>
<td>&quot; Extra</td>
<td>5.00 to 12.00</td>
<td>5.00 to 10.00</td>
</tr>
<tr>
<td>&quot; No. 1</td>
<td>3.00 to 4.00</td>
<td>3.00 to 2.00</td>
</tr>
<tr>
<td>&quot; Lower Grades</td>
<td>.50 to 1.00</td>
<td>.50 to 1.00</td>
</tr>
<tr>
<td>Richmond, Chabot, Extra and Special</td>
<td>1.00 to 2.00</td>
<td>1.00 to 1.00</td>
</tr>
<tr>
<td>&quot; Lower Grades</td>
<td>.50 to 1.00</td>
<td>.50 to 1.00</td>
</tr>
<tr>
<td>Killarney, My Maryland, Extra and Special</td>
<td>1.00 to 2.00</td>
<td>1.00 to 1.00</td>
</tr>
<tr>
<td>&quot; Lower Grades</td>
<td>.50 to 1.00</td>
<td>.50 to 1.00</td>
</tr>
<tr>
<td>Bride, &quot;Tied&quot;</td>
<td>.50 to 1.00</td>
<td>.50 to 1.00</td>
</tr>
<tr>
<td>&quot; Carnival, First Quality</td>
<td>1.00 to 1.50</td>
<td>1.00 to 1.50</td>
</tr>
<tr>
<td>&quot; Ordinary</td>
<td>.50 to 1.00</td>
<td>.50 to 1.00</td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MAYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephone, 1654 Madison Square

SIEBRECHT & SIEBRECHT
Wholesale Florists
136 W. 28th St., New York City

A. L. YOUNG & CO.
Wholesale Florists
55-57 West 26th St., NEW YORK

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK

ROBERT J. DYSART
Public Accountant and Auditor
28 STATE ST. • BOSTON
Telephone, Main 58.
MICHIGAN CUT FLOWER EXCHANGE, INC.
WHOLESALE COMMISSION FLORISTS
Consignments Solicited
Hardy Fancy Ferns Our Specialty
38-40 BROADWAY, DETROIT, MICH.

WILLIAM F. KASTING CO.
Wholesale Florists
383-387 ELLOTT ST. BUFFALO, N. Y.

NEW YORK QUOTATIONS PER 100. To Dealers Only

<table>
<thead>
<tr>
<th>Name</th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutleuromes</td>
<td>5.00</td>
<td>6.00</td>
<td>7.00</td>
</tr>
<tr>
<td>Lily of the Valley</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Gladiolus</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Gardenias</td>
<td>2.50</td>
<td>2.50</td>
<td>2.50</td>
</tr>
<tr>
<td>Daisies</td>
<td>0.50</td>
<td>0.50</td>
<td>0.50</td>
</tr>
<tr>
<td>Sweet Peas</td>
<td>0.50</td>
<td>0.50</td>
<td>0.50</td>
</tr>
<tr>
<td>Reminisce</td>
<td>0.50</td>
<td>0.50</td>
<td>0.50</td>
</tr>
</tbody>
</table>

GLEANINGS FROM THE "GREAT WHITE WAY."

There are, of course, here and there and now and then a few moments of briskness when some one departs for unknown gardens, but scarce a ripple is noticeable in the sleepy atmosphere of New York's 26th or 28th streets. Vacation chatters live up the dreary, fireside waits. Charles Schenck, Frank Friendly's observant side partner, can tell how and what to see in Europe.—P. Riedel of Badgley, Riedel & Meyer, went to Montreal to see if P. Welch of Boston made payment correct on reciprocity.—H. E. Frohnhoefer is back looking elegant, and "Lady Hillingdon" with "Radiance" surrounds him.—Geo. Matthews took Mrs. Matthews away from Great Neck to drink a little at Sharon Springs, N. Y.—Arthur Watkins had a jolly good time up the Hudson.—C. W. Scott has been busy with Carl Jung and the annual meeting among and through the bulb cellars of New York and one may hear the words "hundred thousand" often used as if it were only just a dozen.—Dr. N. L. Britton of the Botanic Gardens sailed for Europe two weeks ago to visit the noted gardens there, and add to those under his care.—A. H. Langlois is busy fixing up his new store in 28th street. It is a fine, new, light commodious store and we wish him the best of luck in it.—Arthur Hunt of Langlois's lost a daughter, seven years old, by death last Sunday.—John I. Raynor is at Watch Hill, L. I. this week.—Capt. Chadwick informs us that the bowling team will assemble at the florist club's first meet of the season, September 11, and present excuses for "The Night Before." Larry, turn the crank."

Ansonia, Conn.—On account of the results of unfavorable weather conditions, it is doubtful whether the annual exhibition of the Intertown Dahlia Association will be held this year.
Buyer's Directory and Ready Reference Guide

Advertisements under this head, one-cent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Buyers failing to find what they want in this list will confer a favor by writing to us and we will try to put them in communication with reliable dealers.

ACCOUNTANT
R. J. Dynan, 28 State St., Boston. For page see List of Advertisers.

MARYLLS
Robert F. Key & Sons, Liverpool, Eng. For page see List of Advertisers.

ARACARIAS
A. Leathy & Co., Perkins St., Narragansett, R. I. For page see List of Advertisers.

ASPARAGUS
A. Leathy & Co., Rosholland, Mass. For page see List of Advertisers.

A. N. Pierson, Inc., Cromwell, Conn. For page see List of Advertisers.

Asparagus Sprengerii, large 4-inch, $1.50 per dozen. Edw. Dudge, 4346 N. Springfield Ave., Chicago, Ill.

Asparagus Pluminous, extra fine plants, 24 in. $3.00 per 100. Sprengerii, 2 inches, $2.00 per 100. Cash. John Houscher, Jr., Freeport, Ill.

Asparagus Sprengerii and Pluminous, fine extra strong stock, each 3 in. pots, $4.00 per 100. No better stock ever offered for the money. Plant now to cut from. P. Keenick & Co., Alexander Ave., Belmont, Mass.

ASTER SEED
Elmer D. Smith, Adrian, Mich. For page see List of Advertisers.

AZALEAS
P. Otwerkerz, Hoboken, N. J. For page see List of Advertisers.

A. Leathy & Co., Rosholland, Mass. For page see List of Advertisers.

Loechner & Co., New York, N. Y. For page see List of Advertisers.

BAY TREES
A. Leathy & Co., Rosholland, Mass. For page see List of Advertisers.

Bobblik & Atkins, Rutherford, N. J. For page see List of Advertisers.

BAY TREES and Box TREEs, all sizes. Write for special list. Julius Roehrs Co., - Rutherford, N. J.

BEGONIAS
A. Leathy & Co., Rosholland, Mass. For page see List of Advertisers.

Thomas Roland, Nahant, Mass. Begonias. For page see List of Advertisers.

BOILERS
Kroeschell Bros., Co., 406 Erie St., Chicago. For page see List of Advertisers.

BOXWOOD TREES

Bobblik & Atkins, Rutherford, N. J. For page see List of Advertisers.

A. Leathy & Co., Rosholland, Mass. For page see List of Advertisers.

Julius Roehrs Co., Rutherford, N. J. Box Trees all sizes. Ask for special list.

BULBS AND TUBERS
Joseph Breck & Sons, 47-54 N. Market St., Boston. For page see List of Advertisers.

I. M. Thorburn & Co., 328 Barclay St., N. Y. For page see List of Advertisers.

A. T. Reddington, 342 W. 14th St., N. Y. For page see List of Advertisers.

Richard Bros., 37 East 19th St., New York. For page see List of Advertisers.


T. J. Grey & Co., 32 and 33 So. Market St., Boston. For page see List of Advertisers.


Honeysuckle Brand. For page see List of Advertisers.

James Vick’s Sons, Rochester, N. Y. For page see List of Advertisers.

Loechner & Co., New York, N. Y. For page see List of Advertisers.

John Lewis Childs, Floridow, L. I. Fall Bulbs. For page see List of Advertisers.

The W. W. Barnard Co., Chicago, Ill. For page see List of Advertisers.

Fottler, Flaker, Rawson Co., Boston, Mass. For page see List of Advertisers.

E. S. Miller, Washing River, N. Y. Flag and Field Plants. For page see List of Advertisers.

CACTI
My choice, 25 var., $3.00; 50 var., $8.00; 100 var., $25.00; 250 var., $100.00; surplus, 20 var., $1.00; 50 var., $4.00; 100 var., $12.00; 100 to 10 var., $4.00. Cash with order. Charges per box, $ .10. G. Greiner, 4419 Natural Bridge Rd., St. Louis, Mo.

CANNAS
R. Vincent, Jr. & Sons Co., White Marsh, Md.

CARNATIONS—Continued
Carnations, large strong healthy plants. Enchantress, Rose, Perfection, Harlowarden, 500 hundred, Boston Market, $8.00. Arno Chase, Cumberland Centre, Maine.

1000 flag grown Carnation Plants; Dorothy, Gordon, White Enchantresses and Mrs. C. W. Ward, $8.00 per 100; $7.00 per 100; Enchantress, White-Perfection and Winsor, $7.00 per 100; $6.00 per 100. A. L. Young & Co., 24 West 28th St., New York, N. Y.

FIELD GROWN CARNATION PLANTS.

CARNATION STAPLE
Pilbles’s Carnation Staple, 50c, per 1000, postpaid. J. L. Pilbles, Galesburg, III.

CHRYSANTHEMUMS
Elmer D. Smith, Adrian, Mich. For page see List of Advertisers.

Herrington’s book on the Chrysanthemum mailed to your address for 50c, by Horticultural Publishing Co., 11 Hamilton Place, Boston.

Chrysanthemums, rooted cuttings, Monrovia, Polly Rose, $12.00 per 100. Violets, Princess of Wales, per 100, $1.00. Charles E. Chalmers, 1910, Chas. Lenker, Freeport, L. I., N. Y.

CHRYSANTHEMUM CANES
Wm. Elliott & Sons, New York, N. Y. For page see List of Advertisers.

CINERARIA
Cinerarias, best strain dwarf, 2½ in., $2.00 per 1000; $3.00 for $5.00. J. C. Schmidt, Hils- tol, Pa.

COCONUT FIBRE SOIL
20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

CUT FLOWER BOXES
Edwards Felling Box Co., Philadelphia. For page see List of Advertisers.

Folding cut flower boxes, the best made. Write for list. Bolton & Hubkell Co., Milwaukee, Wis.

CYCLAMENS
Cyclamen—Best Varieties in different colors, 3 inch pots, strong plants, $1.00 per 100, $2.00 per 100. Julius Rootes, Rutherford, N. J.

DAHLIAS
Herbert, Acto, N. J. For page see List of Advertisers.

K. Vincent, Jr. & Sons Co., White Marsh, Md.

Dahlia—250 field clumps, latest varieties, cheap for cash; or what have you to exchange? Geo. H. Walker, Dahlia Export, North Dighton, Mass.

Dahlias, divided roots, from 1 to 3 eyes to the piece. Send for list and get the latest varieties. W. H. Alten, City Floral, Brockton, Dahlias Farm, E. Bridgewater, Mass.

DAHLIAS NEW FOR 1911
Dorothy Peacock, Mr. and Mrs. Carter Case, Golden Wedding, New Century Dahlia, etc. Big stock of best cut flower dahlias. Write for list and special prices. Peacock Dahlias Farms, Williamsburg, Junction, N. J. Post Office, Berlin, N. J.

For List of Advertisers See Page 352
DEDECORATIVE PLANTS

W. B. Lathrop & Co., Fall River, Mass.
For page see List of Advertisers.

A. Leathby & Co., Perkins St. Nurseries,
Rossluide, Mass.
For page see List of Advertisers.

Robert Craig Co., Market and 49th St.,
For page see List of Advertisers.

John Scott, Brooklyn, N. Y.
For page see List of Advertisers.

FERTILIZERS

For page see List of Advertisers.

Pulverized Manure Co., 31 Union Stock
Yards, Chicago, Ill.
Wizard of Oz & Co., 1192 Arch St.,
For page see List of Advertisers.

Hardwood ashes, heat fertiliser on earth
for Breakins and Sons, Geo. Stevens,
Petersborough, Ont., Canada.

FLORISTS' ENCyclopedia FREE
For page see List of Advertisers.

FLORISTS' LETTERS
Boston Florist Letter Co., 66 Pearl St.,
Boston, Mass.
For page see List of Advertisers.

FLORISTS' SUPPLIES
N. F., McCarthy & Co., 81 Hawley St.,
Boston, Mass.
For page see List of Advertisers.

H. M. Robinson & Co., 15 Province St. and
9 Chapman Place, Boston, Mass.
For page see List of Advertisers.

For page see List of Advertisers.

Reed & Keller, 112 W. 23rd St., New York.
For page see List of Advertisers.

H. Bayerd & Co., 1120 Arch St.,
For page see List of Advertisers.

For page see List of Advertisers.

FLOWER POTS
W. H. Ernest, 25th and M Sts.,
Washington, D. C.
For page see List of Advertisers.

For page see List of Advertisers.

Hillis & Brous, F. Edward, N. Y.
For page see List of Advertisers.

Syracuse Pottery Co., Syracuse, N. Y.
For page see List of Advertisers.

Peite & Boyd Pottery Co., Zanesville, O.
For page see List of Advertisers.

FORGET-ME-NOTS
Forget-me-nots, 1500 Royal Blue, 2½ in.
pots, 2000 Victorias in flats, large plants,
$2.00 per 10 flats, $20.00 per 100.

FRUIT TREES

Dwarf Fruit Trees, by F. A. Wagnis,
mailed to your address for 5¢ cents by
Horticultural Publishing Co., 111 Hamilton
Place, Boston.

GALAX
Michigan Cut Flower Co., 38 and 40 Broad-
wal, List of Advertisers.

Kerran Co., New York.
For page see List of Advertisers.

H. M. Robinson & Co., 51 Province St.
For page see List of Advertisers.

GERANIUMS
R. Vincent, Jr. & Sons Co., White Marsh,
Yonkers, N. Y.
For page see List of Advertisers.

Geraniums Nutt, Fullvall, Reid, Per-
kins & Sons, Long Island, N. Y.
Rooted cuttings, $1.00 per 100; $10.00 per 1000.
Edward Wallis & Co., Berlin, N. J.

GLADIOLIUS
Frank Banning, Kingsman, O.
For page see List of Advertisers.

Silver Trophy and Florist Mixture Gladi-
olus bulbs, $1.00 per 100; small sets, $3.00
for sale in October. S. E. Spencer,
53 Congress St., Rossluide, Mass.

GLASS
Boston Plate & Window Glass Co., Boston.
For page see List of Advertisers.

Standard Plate Glass Co., 28-30 Sudbury
Boulevard, Boston, Mass.
For page see List of Advertisers.

GLASS—Continued
Foley Mfg. Co., Chicago, Ill., between
20th and 25th St., Chicago.
For page see List of Advertisers.

Sharp, Partridge & Co., 22d and Lumber
Ave., Chicago, Ill.
For page see List of Advertisers.

Parnhams, Jron, Inc., 25 Monrovia Ave.,
Cleformation, Mass.
For page see List of Advertisers.

Metropolitan National Co., 1392-1402 Metro-
politan Ave., Brooklyn, N. Y.
For page see List of Advertisers.

GREENHOUSE GLASS

Greenhouse Glass Co., 1111 No. Beverl-
yon Glass Co., Haffford City, Ill.

GREENHOUSE BUILDING MATERIAL
For page see List of Advertisers.

King Construction Co., N. Tonwanda, N. Y.
For page see List of Advertisers.

J. C. Moulner Co., 117 East Blackhawk
St., Chicago, Ill.
For page see List of Advertisers.

For page see List of Advertisers.

FOLEY MFG. CO., Chicago.
Pecky Cypress for Benches.
For page see List of Advertisers.

S. Jacobs & Sons, 159-53 Flushing Ave.,
Brooklyn, N. Y.
For page see List of Advertisers.

GREENHOUSE CONSTRUCTION

King Construction Co., N. Tonwanda, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

Hillis & Brous, F. Edward, N. Y.
For page see List of Advertisers.

Hitchings & Co., 1170 Broadway, N. Y.
For page see List of Advertisers.

Lord & Burnham Co.,
1113 Broadway, New York.

For page see List of Advertisers.

Designer and Builder.
For page see List of Advertisers.

GUTTERS

Kling Construction Co., N. Tonwanda, N. Y.
For page see List of Advertisers.

BAILING MATERIALS

Florists' Hall Assn. of America.
J. G. Euler, Boston, Mass.
For page see List of Advertisers.

HARDY FERNS AND SUPPLIES
For page see List of Advertisers.

Michigan Cut Flower Exchange.
28 and 40 Broadway, Detroit, Mich.
For page see List of Advertisers.

For page see List of Advertisers.

For page see List of Advertisers.

J. Jansen, Boston, Mass.
For page see List of Advertisers.

HEATING APPARATUS

For page see List of Advertisers.

Lord & Burnham Co.,
1113 Broadway, New York.

HERBACEOUS PLANTS
P. Quencker, 900 No. 1, Hoboken, N. J.
For page see List of Advertisers.

For page see List of Advertisers.

Bobbins & Atkiss, Rutberford, N. J.
For page see List of Advertisers.

HUMERICALS LILY
Fulva, 25¢. per 100. C. S. Harrisons
Select Nursery Co., N. York, N. Y.

ROSE
For page see List of Advertisers.

in writing to Advertisers kindly mention Horticulture
HORTICULTURE, September 2, 1911

HOT-BED SAPH
Foley Mfg. Co., Chicago. For page see List of Advertisers.
Parshelsky Bros., Brooklyn, N. Y. For page see List of Advertisers.
Lord & Burnham Co., 1,133 Broadway, N. Y.

HYDRANGEAS
F. R. Pierson Co., Tarrytown-on-Hudson, New York. For page see List of Advertisers.

INSECTICIDES

LAWN FERTILIZERS
F. L. E. Johnson, 444 1/2 Washington St., Boston. Complete line of fertilizers. For page see List of Advertisers.

NASTURTIUMS
E. H. Hunt, Chicago, Ill. To-think-products. For page see List of Advertisers.

NURSERY STOCK
New England Nurseries, Bedford, Mass. For page see List of Advertisers.

ORCHIDS
L. D. Juel, Chicago, Ill. For page see List of Advertisers.

PEONY
W. H. Gumm, Remington, Ind. For page see List of Advertisers.

PEONIES—200 sorts, an enormous stock list ready C. H. Betts & Co., 93 Canal St., N. Y. Peonies in any quantity. Write for prices on list of your wants. Gilbert H. White, 118 S. Sixth St., Kansas City, Mo.

PETUNIAS
Petunia (Devere's), mixed, 25c. for 250; $1.00 for 200, J. C. Schmid, Bristol, Pa.

PHOTOGRAPHS
I make a specialty of photograpbing flowers, plants, etc., for reproduction. Let me submit samples and prices on material for the next catalogues. A. J. Speciale, New York. Special work to order at reasonable prices. Nathan V. Reeves, 41 Hayward Bldg., Rochester, N. Y.

PLANT STAKES
Seide's Thistle Plant Stakes and Trellises, H. D. Seide & Sons, Elkhart, Ind.

PLANT TUBS

Pipe and Fittings
For page see List of Advertisers.

Pot-Hangers
For page see List of Advertisers.

Primrose
Primula chines, fine plants, 25c. for 250 and 50c. for 1,000; J. C. Schmid, Bristol, Pa.

PRIVET
Califoraria Privet, any quantity, size, age. Others my ours is the best grown. For grafts; also on shrubbery, ornamentals, fruit trees, asparagus, etc. Franklin Davis Nursery Co., Baltimore, Md.

RIBBONS AND CHIFFONS
M. Rice & Co., 1225 Race St., Phila., Pa. For page see List of Advertisers.


SUGAR AND SUGAR PLANTS
W. F. Entwistle, Hoboken, N. J. For page see List of Advertisers.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS
E. H. Harrison, 1224 S. 18th St., Philadelphia, Pa. For page see List of Advertisers.

MAGNOLIAS
Magnolia# hybrids, 25c. each; 5 for 1.00. E. H. Francis Magnolias, 1224 S. 18th St., Philadelphia, Pa.

MASTICA
F. O. Pierce Co., New York, N. Y. For page see List of Advertisers.

MONONETTES
Winnipeg, 2 ft. strong plants, $2.00 per dozen. M. S. Stearns Co., 25 Burnet St., Providence, R. I.

MORNING GLORY
Wendell & Beal, 1235 S. 8th St., Philadelphia, Pa. For page see List of Advertisers.

NASTURTIUMS
E. H. Hunt, Chicago, Ill. For page see List of Advertisers.

PAPER POTS

PECKY CYPRESS BENCHES
Foley Mfg. Co., Chicago. For page see List of Advertisers.

PEONIES
W. L. Gumm, Remington, Ind. For page see List of Advertisers.

PEONIES—200 sorts, an enormous stock list ready C. H. Betts & Co., 93 Canal St., N. Y. Peonies in any quantity. Write for prices on list of your wants. Gilbert H. White, 118 S. Sixth St., Kansas City, Mo.

PETUNIAS
Petunia (Devere's), mixed, 25c. for 250; $1.00 for 200, J. C. Schmid, Bristol, Pa.

PHOTOGRAPHS
I make a specialty of photograpbing flowers, plants, etc., for reproduction. Let me submit samples and prices on material for the next catalogues. A. J. Speciale, New York. Special work to order at reasonable prices. Nathan V. Reeves, 41 Hayward Bldg., Rochester, N. Y.

PLANT STAKES
Seide's Thistle Plant Stakes and Trellises, H. D. Seide & Sons, Elkhart, Ind.

PLANT TUBS

Pipe and Fittings
For page see List of Advertisers.

Pot-Hangers
For page see List of Advertisers.

Primrose
Primula chines, fine plants, 25c. for 250 and 50c. for 1,000; J. C. Schmid, Bristol, Pa.

PRIVET
Califoraria Privet, any quantity, size, age. Others my ours is the best grown. For grafts; also on shrubbery, ornamentals, fruit trees, asparagus, etc. Franklin Davis Nursery Co., Baltimore, Md.

RIBBONS AND CHIFFONS
M. Rice & Co., 1225 Race St., Phila., Pa. For page see List of Advertisers.


SUGAR AND SUGAR PLANTS
W. F. Entwistle, Hoboken, N. J. For page see List of Advertisers.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS
E. H. Harrison, 1224 S. 18th St., Philadelphia, Pa. For page see List of Advertisers.

MAGNOLIAS
Magnolia# hybrids, 25c. each; 5 for 1.00. E. H. Francis Magnolias, 1224 S. 18th St., Philadelphia, Pa.

MASTICA
F. O. Pierce Co., New York, N. Y. For page see List of Advertisers.

MONONETTES
Winnipeg, 2 ft. strong plants, $2.00 per dozen. M. S. Stearns Co., 25 Burnet St., Providence, R. I.
ROSES
Chas. H. Totty, Madison, N. J.
Own Root and Grafted Roses.

P. Quiverer, P. O. No. 1, Holoken, N. J.
For page see List of Advertisers.

For page see List of Advertisers.

W. & T. Smith Co., Geneva, N. Y.
For page see List of Advertisers.

Bay State Nurseries, North Abington, Mass.
For page see List of Advertisers.

Advertisers.

W. J. Plunkett, Plunkett Hill, N. Y.
Own Root Roses.
For page see List of Advertisers.

Eastern Nurseries, Jamaica Plain, Mass.
New Advertiser, owned by Johnson Dawson.
For page see List of Advertisers.

For page see List of Advertisers.

Wanted—Rose plants of any kind.
Morrose Co., 90 Morris St., Providence, R. I.

SCALECIDE
B. G. Pratt Co., New York, N. Y.

SEED GROWERS
Brazilian Seed Growers Co., San Jose, Cal.
For page see List of Advertisers.

SEEDS
T. J. Gony Co., 32 Ro. Market St., Boston.
For page see List of Advertisers.

Heinz & Co., 51 and 52 N. Market St., Boston, Mass.
For page see List of Advertisers.

Richards Bros., 57 E. 57th St., New York.
For page see List of Advertisers.

Michell's Colonial Mignonette.
For page see List of Advertisers.

For page see List of Advertisers.

Arthur T. Beddington, New York.
Christmas and Winter Flowering Sweet Peas.
For page see List of Advertisers.

Flower Seeds for the Florist.
For page see List of Advertisers.

J. M. Thorntun & Co., 33 barley St., N. Y.
Asparagus and Musa Nanas Seeds.
For page see List of Advertisers.

For page see List of Advertisers.

Leonard Seed Co., Chicago, Ill.
Bean, Pea, Sweet Corn, Onion, Turnip.
For page see List of Advertisers.

Wm. Elliott & Sons, New York.
For page see List of Advertisers.

James York's Sons, Rochester, N. Y.
All Leading Varieties of Seeds.
For page see List of Advertisers.

For page see List of Advertisers.

The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

J. Rolshuen & Son, Baltimore, Md.
For page see List of Advertisers.

Hjalmar Hartmann & Co., Copenhagen, Denmark.
For page see List of Advertisers.

SNAP DRAGONS

GIANT White and Yellow. One plant in 2½-inch pots ready to shift, $1.50 per 100; $1.00 per 1000. Pleasant View Gardens, North Tewsbury; address Frank B. Putnam, Lowell, Mass.

SPHAGNUM MOSS
The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

LIVE Sphagnm moss, orchid pent and orchid baskets always on hand. Laker & Hartman, Sons, N. J.
Ten boxes sphagnm moss, 75.00. Z. K. Jewett Co., Sparta, Wis.

SPRAVERS
For page see List of Advertisers.

STEVEWS
Steve's 2 lb., cut back once; $3.00 per 100, cash. M. L. Simons Co., 25 Burnette St., Providence, R. I.

STRAWBERRY PLANTS
For page see List of Advertisers.

TREED RENOVATION
John T. Withers, Inc., Jersey City, N. J.
For page see List of Advertisers.

VALLEY FLOWERS
Hjalmar Hartmann & Co., Copenhagen, Denmark.
For page see List of Advertisers.

Loechner & Co., New York, N. Y.
For page see List of Advertisers.

VARIETED PINEAPPLES
For page see List of Advertisers.

VENTILATING APPARATUS
For page see List of Advertisers.

The Advance Co., Richmond, Ind.
Improved Ventilator Arm.
For page see List of Advertisers.

VOIXTS
Princess of Wales, 50 cents per 100; 75.00 per 1000. Fine healthy stock. Order quick! Charles Lenker, Freeport, L. I., N. Y.

WIREWORK
Reed & Kelker, 123 W. 28th St., N. Y.
For page see List of Advertisers.

J. Jansky, Boston, Mass.
For page see List of Advertisers.


WIRE TOOTHPICKS
W. J. Cowee, Berlin, N. Y.
For page see List of Advertisers.

WOOD PRESERVATIVE
Conserv Wood Preservative doubles the life of all woods. Preserves benches, posts, sills or planking. Costs 2¢ a stick, and will last many times its cost. Samuel Cabot, Inc., Mfg. Chemists, Boston, Mass.

WHOLESALE FLORISTS
Boston

N. F. McCarthy & Co., 51 Hawley St.
For page see List of Advertisers.

Welch Bros., 226 Devonshire St.
For page see List of Advertisers.

H. M. Robinson & Co., 15 Province St.
And Chapman Pl.
For page see List of Advertisers.

BUFFALO, N. Y.
William F. Kasting Co., 332-35 Elliott St.
For page see List of Advertisers.

CHICAGO

Peter Rehberg, 51 Washab Ave.
For page see List of Advertisers.

Pfeilhans Bros., Morton Grove, Ill.
For page see List of Advertisers.

J. A.oudloung, 37-39 Randolph Pl.
For page see List of Advertisers.

Chicago Flower Growers' Association, 111 Chicago Ave.
For page see List of Advertisers.

CINCINNATI, Ohio
The J. M. McCollough's Sons Co., 206 Walnut St.
For page see List of Advertisers.

WHOLESALE FLORISTS—Continued

CROMWELL, Conn.

A. N. Plener, Cromwell, Conn.
For page see List of Advertisers.

DETROIT

Michigan Cut Flower Exchange, 38 and 40 Broadway.
For page see List of Advertisers.

NEW YORK

M. C. Ford, 121 W. 28th St., New York.
For page see List of Advertisers.

H. E. Froment, 57 W. 28th St., New York.
For page see List of Advertisers.

H. C. Horan, 55 W. 28th St., New York.
For page see List of Advertisers.

For page see List of Advertisers.

James McManus, 53 W. 28th St., New York.
For page see List of Advertisers.

W. F. Sheridan, 133 W. 28th St., New York.
For page see List of Advertisers.

Wm. H. Kuebler, 28 Willoughby St., Brooklyn, N. Y.
For page see List of Advertisers.

MORE, Heuts & Nash, 55 and 57 W. 28th St., New York.
For page see List of Advertisers.

GREATER NEW YORK FLORISTS' ASSOCIATION
652 Livingston St., Brooklyn, N. Y.
For page see List of Advertisers.

A. L. Young & Co., 54 W. 28th St., N. Y.
For page see List of Advertisers.

Charles Milling, 55 and 57 West 28th St., N. Y.
For page see List of Advertisers.

P. J. Smith, 49 West 36th St., N. Y.
For page see List of Advertisers.

F. Millman, New York, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

Philadelphia

Lies, Niessen Co., 120 Arch St., Phila., Pa.
For page see List of Advertisers.

For page see List of Advertisers.

ROCHESTER, N. Y.

George B. Hari, 21 Stone St.
For page see List of Advertisers.

New Offers in This Issue.

BERBERIS THUNBERGII.

W. W. Hunt & Co., Hartford, Conn.
For page see List of Advertisers.

CARNATION PLANTS.

Krechsman Bros., West Nyack, N. Y.
For page see List of Advertisers.

CELERY PLANTS.

Warren Shinn, Wellsboro, N. J.
For page see List of Advertisers.

DECORATIVE PLANTS.

Gene. Wittstock & Berrich, Chicago, Ill.
For page see List of Advertisers.

GIANT ENGLISH CYCLAMEN AND MIGNONETTE.

For page see List of Advertisers.

RICE STANDARD RIBBONS AND SUPPLIES.

For page see List of Advertisers.

In writing to Advertisers kindly mention Horticulure.
A SPRING VALLEY PLACE.

So far as we know, A. S. Burns of Spring Valley, N. Y., is the largest grower of longiflorum lilies in the country. He was certainly one of the first, if not the first, to make a regular business of supplying this flower in quantity every day in the year. Horse Shoe Brand Gigantems are his specialty and house after house in all stages of growth and maturity may be seen any day in this well-conducted place. Mr. Burns is the son of Alexander S. Burns of Woodsdale, N. Y., one of the most successful of the older generation of florists and whose wise training and advice, no doubt, counts for much in their success achieved by the younger man.

There are fifteen houses in the range now—four of them covering an area of 140 x 140 having been erected this season. The capacity of this new addition is 75,000 lily bulbs. At the present time the regular cut per day is 5000 flowers. In addition to the Gigantems, A. S. Burns takes large quantities of auratum and speciosum. Of the latter rubrum is seen in greatest quantity. Mr. Burns says that he is unable to distinguish between a good brand of rubrum and those sold as magnificum, the former varying so much in type and color that it is not worth while to try to carry the two names. In the field at the present time is a vast stretch of Vick asters, remarkable as to stem and size of flower, when the unfavorable weather was extending to consideration.

The same cultural skill and diligent care is as apparent here as in the houses. This establishment promises to be eventually one of the foremost in the country.
The Best Bug Killer and Bloom Saver

PUBLICATIONS RECEIVED.
Massachusetts Horticultural Society, Transactions for the year 1911, Part 1. This publication comprises the lectures and discussions thereon, as presented at the Horticultural Hall in the spring of 1911.

The Schedule of the First Annual Dahlia Exhibition of the New Haven County Horticultural Society, (Conn.), has been received. The show will be held on September 12-14, in Harmonie Hall, New Haven. The prizes are many and liberal, including several specials.

Annual Report of the Public Parks Board of Winnipeg, Man., for 1910. This is a 48 page publication attractively gotten up and lavishly illustrated. It contains the general proceedings of the department, Superintendent Champion's report and recommendations, secretary's financial report, account of boulevard construction, and three excellent maps.

Chrysanthemum Society of America.—Proceedings of the Ninth Annual Meeting. The Ninth Annual Meeting was held at Morristown, N. J., on November 2-4, 1910. This book gives a detailed report of what was done there, a review of the work of the examining committees for the season of 1910, lists of American and foreign varieties exhibited during the year and other valuable information. A portrait of President Emler D. Smith forms the frontispiece.

Railway Gardening Association—Souvenir Book for 1911. This elegant volume has been prepared and sent out by Secretary J. S. Butterfield as a labor of love and he has conferred a favor of no small degree on the gardening fraternity generally as well as those more intimately interested in railway ornamentals. The book contains 46 pages on heavy paper giving many full page group views of station gardening and interesting articles on various allied subjects.

The 1911 convention of the Association was held at Chicago on August 15-18, 1911. The officers for the next year are: President—Patrick O. Doherty, Norfolk & Western, Roanoke, Virginia. Vice-President—F. W. Vail, Central R. R. of New Jersey, Dunellen, N. J. Sec-Treas.—J. S. Butterfield, Mo-Pac, from Mt. Lee's Summit, Mo. Executive committee, all officers and Geo. B. Mundel, Illinois Central, Chicago; R. W. Hutchison, Penna. Lines West, Beverly, R. J. Rice, Michigan Central, Niles, Michigan.

The meeting for 1912 will be at Roanoke, Va., August 13-16.

VINCENT DAHLIA SHOW.
The Fifth Annual Dahlia and Flower Show will be held at the Vincent's Davis Flower Farm, Cowenton M.d., B. & O. R. R., in connection with the Harvest Home Festival of Ebenzer E. Church, on Sept. 26, 27, 28 and 29, 1911. Special train will leave Camden Station, Baltimore, at 12:10 P. M., stopping at Mt. Royal and Gay Street Stations. Returning, leave Cowenton, 6:00 P. M. Regular trains will leave Camden Station 8:15 A. M., 2:10 and 5:00 P. M. Last train will leave Cowenton for Baltimore 7:17 P. M. Train No. 517, leaving Philadelphia 8:15, Wilmington 8:40, Newark,

Aphine

The Insecticide that kills plant life of every species.

Destroys green, black and whitefly, red spider, thrips, mealy bug, brown and white scale, and all soft-bodied insects. An excellent cleanser for decorative stock. Used as a spray, you can rely on it for positive results, without fear of failure or dissatisfaction.

FUNGINE

An infallible remedy for mildew, rust and other fungus diseases. A clean, safe and easily applied spraying material, it has no equal for destroying mildew on roses, and certain rust.

$2.00 per gallon, 75c. per quart.

FOR SALE BY SEEDSMEN.
Send for name of nearest selling agent. Our products are not alone endorsed, but are indiscriminately used by leading commercial growers, professional gardeners, park departments and state colleges of the country. Aphine and Fungine can be used in house or field.

MANUFACTURED BY APHINE MANUFACTURING COMPANY MADISON, N. J.

Imp Soap Spray

Clean and odorless. Forms invisible films.
Non-corrosive. Usual effective strength, one to thirty-two.

Single gallons, $1.50
In barrels, $1.00

Eastern Chemical Company
Pittsburgh Street
BOSTON

To-Bak-Ine Products Kill Bugs
You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free).

Use any form you choose but buy it of
E. H. HUNT, 131 N. Wabash Avenue, Chicago

KILMDEAD
The best of all the tobacco dusts for
Dusting or Fumigating

WIZARD BRAND MANURES
Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Fertilizes and nurses all over the country are using it instead of rough manure.

Pulverized Sheep Manure
Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carrots and liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

The Pulverized Manure Company
Union Stock Yards
Chicago

Cattle Manure in Bags
Shredded or Pulverized

Spray Your Trees and Do Your Whitewashing

Coconut Fiber Soil
Is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

20th CENTURY PLANT FOOD CO.,
27 Ocean St., Beverly, Mass.
Horticulture.

Penrose Street,
LONG ISLAND CITY, N. Y.

GREENHOUSES BUILDING OR CONTEMPLATED.
Milford, III.—J. M. Smith, one house.
Bellevue, O.—R. C. Arlin, house 24 x 125.
Brockton, Mass.—A. A. Reed, one house.
Brooklyn, Md.—Lehr Bros., rose house.
Rochester, N. Y.—E. Brockman, one house.
Utica, N. J.—J. J. Baker, range of houses.
Lincoln, Ill.—O. Heinbreker, house 20 x 100.
Findlay, Ohio—E. J. Foster & Son, enlarging.
Briarcliff, N. Y.—E. Lion, show conservatory.
Eureka Springs, Ark.—C. I. Poor, one house.
Ishpeming, Mich.—Trebilcock Bros., one house.
Chicago, Ill.—C. A. Samuelson, show conservatory.
Quincy, Ill.—F. W. Heckenkamp, Jr., range of houses.
Sherrerville, Ill.—F. F. Schell, range of houses.
Fall River, Mass.—C. Warburton, fern house 12 x 90.
Alpena, Mich.—J. Linke & Son, carnation house, 26 x 50.
Chicago, Ill.—J. F. F. M. Frank, Frank Bufitt, range of houses.
Savanna, Ill.—Lambert & Dunn, carnation house 30 x 200.
Wilmington, Del.—Frank Felke, show conservatory, 14 x 50.
Louisville, Ky.—A. Rasmussen, two houses each 3 x 50.
Elmira, N. Y.—U. S. Cut Flower Co., 2 houses each 26 x 90.
Northfield, N. J.—Hendrickson Greenhouses, one house.
Providence, R. I.—Charles H. Hunt, two houses each 35 x 100.
Milwaukee, Wis.—C. C. Polkworth Co., display conservatory.
Arlington, Mass.—Arlington Bros., 300 ft. vegetable forcing house.
Schoodack, N. Y.—Capitol City Nurseries, plant house 25 x 100.
Ashville, N. C.—Brownhurst Greenhouses, two houses each 22 x 125.
Albany, N. Y.—A. F. Dauker, two Lord & Burnham houses each 31 x 150.
Libertyville, Ill.—Meredith Flower & Vegetable Co., range of greenhouses.
Worcester, Mass.—High Street Greenhouses, carnation house 30 x 70.
Princeton, Ill.—W. E. Trimble Greenhouse Co., range of houses, 65,000 sq. ft.
Baltimore, Md.—Lord & Burnham Co. have received the contract for the erection of a greenhouse for the Johns Hopkins University. This house will conform to others, the building of which is proposed for some future time.

News Notes.
Napoleon, O.—Albert Fahringer has purchased from Mr. Hartman the Hartman greenhouses.
Racine, Wis.—Clarke Adams has established a new plant growing business in Racine, and is now ready for business. A Garland iron-frame house, 44 x 80, is completed.

Hartford, Mich.—A new enterprise here is the L. E. Davis place. A new greenhouse, 25 x 100, with two-story office building, 16 x 20, is nearly completed and Mr. Davis will be ready for flower and seed business about November 1. Future extensions are planned.

Bedford, Mass.—Fire on the night of August, 26 destroyed the storehouse and packing department of the New England Nursery Company and did considerable damage to the garden room. There was little water available and the flames had things practically their own way. The cause of the fire is not known and the damage is estimated at $10,000, more than half of which was going plants or plants in storage.

Lexington, Ky.—The John A. Keller Estate has added a new house, 18 x 63, with 10 ft. side walls, for plant growing, and a new work shed, 18 x 75. This establishment, twenty years in the business, is now conducted by Mrs. J. A. Keller, with J. M. P. Keller as manager. It is run in connection with a retail store and has been practically rebuilt within the past six years. Altogether, it comprises about 60,000 sq. ft. of glass.

Patents Granted.
1,001,012. Planter, Nicholas Waring, Rochester, N. Y.
1,001,442. Weeder, Allen E. Quicke, and Edwin G. Quicke, York, Pa.

1,000 READY PACKED CRATES

STANDARD FLOWER POTS AND BULB PANS

can be shipped at an hour's notice. Price per crate.

2000 1 1/2 in. $6.00 500 4 in. @ $4.50
1500 2 " 4.88 400 5 " 4.53
1000 2 1/2 " 4.63 300 6 " 4.53
250 3 " 6.00 200 7 " 5.37
250 5/8 " 6.00 100 8 " 5.28
100 3 " 5.00 50 9 " 5.20
800 3/4 " 5.80 20 10 " 5.00

HILLFINGER BROS., Pottery, Fort Edward, N. Y.
August Röker & Sons, 21 Barry St., New York City Agents.

RedPot

"A little pot is soon hot," likewise a thin pot. This will save you fuel. Our pots are the thinnest and toughest owing to the superior quality of the clay. New price list on application.

Syracuse Pottery Co., N. Y.

STANDARD FLOWER POTS

If your greenhouses are within 500 miles of the Capital, write us, we can save you money.

W. H. E. R N E S T

28th & Main Sts., Washington, D. C.
KROESCHELL BOILER
Half the Coal and Half the Work.

"Your No. 18 boiler is carrying 25,000 sq. ft. of glass and I keep it at 60 degrees in the coldest weather without any trouble. I have three other types of boilers also heating a range of 25,000 sq. ft. of glass, but the No. 18 Kroeschell Boiler ONLY TAKES HALF THE COAL and half the work to get the same results."

J. G. FRISZ, Vincennes, Ind.
P. S.—Mr. J. G. Frizg, of Vincennes, Ind., has the largest range of glass in Indiana devoted to vegetable forcing.

KROESCHELL BROS. CO., 466 W. Erie St., Chicago, Ill.

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders In
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.
CHICAGO, ILL.

LOUISIANA RED CYPRESS
GREENHOUSE MATERIAL
STEEL GUTTERS, TRUSSES,
PURLINS, PIPE FITTINGS, GLASS,
Etc.
PRIVATE AND CONSERVATORY
WORK A SPECIALTY.

The Foby Manufacturing Co.
Western Ave. and 26th St., CHICAGO

CYPRESS SASH BARS
82 feet or longer
HOT BED SASH
PECKY CYPRESS BENCH LUMBER
GREENHOUSES
ERECTED AND EQUIPPED COMPLETE IF DESIRED
Write for Circular "D" and Prices
The A. T. STREANS LUMBER CO.
NEPONSET, BOSTON, MASS.

MASTICA
For Greenhouse Glazing
USE IT NOW.
F. O. PIERCE CO.
12 W. BROADWAY NEW YORK

GLASS
Cheap as Dirt
Have you had any prices on greenhouse glass, lately?
Write us at once for our quotations. We'll surprise you.
Take advantage of the drop and book orders for future deliveries.
Our glass all new and fresh from factory.
Hot-bed sash and greenhouse material, dropped too.

PARSHELSKY BROS., CO.
50 Montrose Ave., BROOKLYN, N. Y.

BOSTON PLATE & WINDOW GLASS CO.
Greenhouse Glass
GERMAN AND AMERICAN
281 to 287 A St. BOSTON 20 to 22 Canal St.

KING
GREENHOUSES
SEMI IRON FRAME
IRON FRAME
PRIVATE CONSERVATORIES

We make these all and do it right.
Our Pipe Hangers, Shelf Brackets, Bench Fittings and Ventilating Machinery are the
last word in that line.
Write for Bulletins and Question Blank.

KING CONSTRUCTION CO.
Home Office
N. TONAWANDA
N. Y.
Eastern Sales
Office
No. 1 MADISON AVE.
NEW YORK

Did you ever stop to consider that nothing is
too good for you? We
realize the truth of this.
That is the reason we
are offering you the best
ventilating machinery
and greenhouse fittings
that can be had. Our
prices are low.
Write us today for catalogue
"F." It will interest you.

THE ADVANCE CO.,
Richmond, Ind.
The FLORISTS' HALL ASSOCIATION OF AMERICA, Insurer of 32,500,000 sq. ft. of glass. For particulars address
John C. Estler, Saddle River, N. J.
LILIAM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected grovers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

- 6-7 inch bulbs, 335 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.
- 7-9 inch bulbs, 260 to the case, $16.00 per case; full thousand lots, $75.00 per 1,000.
- 8-11 inch bulbs, 160 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.

FERNS

We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

- Nephrolepis Bostoniensis and Piersoni, 5-in. pots ................................................................. $0.50 each
- Nephrolepis Elegantissima, Piersoni, Bostoniensis, and Harrisii, heavy 8-in. plants .................. $1.00 to 1.50 each
- Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10-in. plants .......................... 2.50 each

F. R. PIERSOHN COMPANY, Tarrytown-on-Hudson, NEW YORK
U KNOW US

RICE STANDARD

WHAT'S IN A NAME

Our WELL ESTABLISHED NAME on supplies and ribbons brands them the "Best."

You increase your profits because you secure supplies and ribbons of established excellence.

We have a reputation for DELIVERING the goods.

We know what the progressive florist wants—because we have been studying their wants for over 25 years.

When you buy supplies and ribbons of the Rice Standard, you get the best—not now and then—but EVERY TIME.

Ask the leading florists—and then write us.

KATALOG for the asking.

The Leading Florists' Supply House and Ribbon Specialists

M. RICE & CO., 1220 Race Street, Philadelphia, Pa.

Manufacturers—Importers—Originators

TIME TO START UP

We Need Room. Come and See the Stock.

Lorraine Begonias, Poinsettias, Cyclamens, Chrysanthemums in Pots, Primulas, Genistas, Araucarias, Palms, Asparagus plumosus and Sprengeri, Boston Fern, Adiantums, Mixed Ferns, Cycas. All First Class Stock.

WRITE FOR PRICES.

WM. W. EDGAR CO. - Waverley, Mass.

PALMS, FERNS, DECORATIVE AND
FOLIAGE PLANTS
Also Azaleas, Begonias, Bay and Box Trees
A. LEUTHY & CO.
Parkes Street Nurseries, Roxaldaine, Boston, Mass.
Price list on application.

PALMS, FERNS AND
DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 1650 Bedford BROOKLYN, N.Y.

FERNS FOR DISHES

Assorted varieties, 2-in. pots, $3.50 100; $3.00 1000; 500 at 1000 rate. Cash with order

FRANK OECHSLIN
191 Quincy St. - CHICAGO, ILL.

BEST PALMS

All Varieties, All Sizes. Send for Price List

Joseph Heacock
Wyncote, Pa.

When Writing to Advertisers Please Mention HORTICULTURE.

Boston Ferns
4½ inch from bench............Each 10c
3½ inch from bench.............Each 7c
2½ inch from bench, $8.00 per 1000

Nephrolepis Whitmani
2¾ inch...$3.00 per 100, $25.00 per 1000

Nephrolepis Magnifica
2½ inch......................$15.00 per 100
3¾ inch, pot grown...........$25.00 per 1000

We Stand Back of Our Goods and Guarantee Safe Arrival of Shipments to All Parts of United States and Canada.

HENRY H. BARROWS & SON
Whitman, Mass.

Araucaria Excelsa

5 in., 3 to 6 tiers, 40c. and 50c: 5½ to 6 in., 4, 5 and 6 tiers, 60c., 75c. and $1.00; 7 in., 25, 30, 40 and 50 in. high, for lawns and porches, $1.50 to $2.00.

Cash with order, please.

Godfrey Aschmann
Wholesale Grower, Shipper and Importer of Pot Plants
1012 West Ontario St., PHILADELPHIA, PA.

ROBERT CRAIG CO.
ROSES, PALMS, and Novelities in Decorative Plants
MARKET and 49th STREETS, PHILADELPHIA, PA.
GERANIUMS
Are Our Specialty

We are preparing to grow Geraniums on quite an extensive scale for next season, and claim to have the largest stock and most complete collection in the country, and are making very interesting Special Prices for November and December delivery. Write us about your probable requirements, and we will quote you that it is more to your advantage to buy just the kinds you want in the Fall than to bother with saving a few stock plants and working up stock yourself.

We have ready for shipment about $20,000 in 3 in. pots at $3.00 per 100; $25.00 per 100; which would make fine stock for Fall and Winter sales.

R. VINCENT, JR., & SONS CO., White Marsh, Md.
Growers of Plants for the Trade

ROSES
OWN ROOT—FINE STOCK
White Killarney $8.00
Richmond
Pink Killarney, Chatenay, Kaas rin.
Perles. Sunrise. Sunset. from 3 inch pots...
$8.00
Bride, Bridesmaid. Golden Gate.......
$60.00 per 1,000. $7.00

GRAFTED
Fine Stock, 3 inch pots
Bridesmaid. Katherin. My Maryland...
$15.00 per 100

WOOD BROS., Fishkill, N.Y.

CANES
FOR YOUR MUMS
6 ft. to 8 ft. $7.00 per 1000

WM. ELLIOTT & SONS,
42 Vesey St., New York

ASPARAGUS HATCHERI
The new Asparagus. Reaps the old plant
once more in every respect. From 2½-
inch pots. $15 per 100.

A. N. Pierson, Inc.
CROMWELL, . . . CONN.

LORRAINE BEGONIAS
Strong 3½ in. stock, ready for 3½ in.
Per 100. $15.00; 250 at $14.00 per 100.

THOMAS ROLAND,
Nahant, Mass.

HERBERT, ATCO, N. J.
DAHLIAS Every Day in the Year

In ordering goods please add "I saw
it in HORTICULTURE."

CARNACTIONS
FIELD GROWN
FINE, HEALTHY STOCK
Enchantress
Rose Pink Enchantress
Bay State
Enchantress (st size)
Red Lawson
Variegated Lawson
White Lawson
$7.00
$6.00
$55.00

LOECHNER & CO.
JAPANESE LILIES
LILY OF THE VALLEY PIPS
PALM, AZALEAS, &c.
11 Warren Street, New York, N. Y.
Write for quotations

LARGEST AND BEST
Carnation Plants
CLEAN HEALTHY STOCK.
Enchantress $5.00 per 100
Enchantress, st size 2.00 per 100
Barnum 2.00 per 100
Cash with order, please.

KRETSCHMAR BROS.
P. O. No. 3.
West Nyack, N. Y.

GLADIOLUS NIAGARA
First of all Yellow Gladiolus, says Mr.
M. Crawford, of Cuyahoga Falls, Ohio's
greatest Horticulturist.

CHRYSANTHEMUMS
AND
ASTER SEED
Elmer D. Smith & Co.
ADRIAN, MICH.

CHARLES H. TOTTY
Wholesale Florist
Chrysanthemum Novelties My Specialty
Madison, N. J.

ORCHIDS
Greatest quantity and variety in the country. Established and freshly imported. Also material in which to grow them.

LAGER & HURRELL
SUMMIT, N. J.

ORSCHIDS
Largest Importers, Exporters, Growers
and Hybridists in the World
SANDER, St. Alban's, England
and 258 Broadway, Room 721
NEW YORK CITY

CHICAGO CARNATION CO.
30 E. Randolph St.

ROEHRS
Orchids, Azaleas, Palms,
Lorraines, Crotons
RUTHERFORD, N. J.
WM. ELLIOTT & SONS
Of 42 VESEY ST., NEW YORK
Will open the Fall Season of 1911 with a large consignment of
Foliage Plants, Bulbs, etc., which they will offer by
AUCTION
Tuesday, Sept. 12th, at 11 A.M
W. J. ELLIOTT, Auctioneer.
Consignments solicited and money advanced on them.

BOBBINK & ATKINS
WORLD'S CHOICEST FLORIST AND NURSERY PRODUCTS.
We are growing in our greenhouses and in our 250 acre nursery a
large variety of material constantly in demand by florists. Our Illustrated
General Catalogue describes all the stock we grow. We shall gladly mail
it to any florist upon application.
B. & A. SPECIALTIES.
PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS
PLANTS, EVERGREENS, ROSES, RHODODENDRONS,
VINES AND CLIMBERS, AUTUMN BULBS
AND ROOTS, CONIFERS, PINES.
Florists are always welcome visitors to our nurseries. We are only a
few minutes from New York City; Carlton Hill station is the second stop
on Main Line of Erie Railroad.
Nurserymen and Florists
Rutherford, N. J.

NEW ROSES
Originated by Jackson Dawson
Lady Duncan, Dawson, Daybreak, Farquhar, William Egan
and Minnie Dawson
WRITE FOR PRICES
We carry a very large stock of Fine Conifers, Deciduous Trees
and Shrubs and Hardy Herbaceous Perennials
Send for Our New Illustrated Catalogue
EASTERN NURSERIES
Henry S. Dawson, Mgr.
JAMAICA PLAIN, MASS.

American Grown Roses
Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis
Evergreens.
Write for Trade List
W. & T. SMITH CO.
Geneva, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK
WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS
A GENERAL ASSORTMENT OF
Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.
Our Illustrated and descriptive Catalogue for the asking
THE BAY STATE NURSERIES
North Abington, Mass.

AMARYLLIS-
HIPPEASTRUM
Unrivalled for beauty of form, brilliancy of colors, and size of flowers.
Highest awards at home and abroad, including 39 Gold Medals.
Catalogues, and all particulars free, on application.
ROBERT P. KER & SONS
Aigburth Nursery
Liverpool, England

JOHN T. WITHERS, Inc.
Landscape Architect and Forester
1 Montgomery St., JERSEY CITY, N. J.
Tree Renovation by Expert Operators.
Special Text lectures on Horticulture and Arboriculture.
BOX TREES
and other EVERGREENS for Tubs and Bases
Our Prices are Always Right—Catalog Free
THE NEW ENGLAND NURSERIES, Inc.
BEDFORD, MASS.

DIRECT IMPORTATIONS
Bay Trees, Kernels, Azaleas, Valley Hips, Roses, Rhododendrons,
Boxwood, Manettis, Evergreens, Jap. Lilies, Hyacinths, etc., etc.
Nursery stock from France, Holland, England and Japan.
McHutchison & Co.
17 Murray St.
New York, N. Y.

HOLLAND NURSERIES
Best Hardy Rhododendrons, Azaleas, Conifers, Clematis,
H. P. Roses, Shrubs, and Herbaceous Plants.
P. OIWERKJERK
578 Anne St., Wellawawa Frgie.
7 D. No. 1, Boston, R. I.
Seasonable Notes on Culture of Florists’ Stock

CARE OF CARNATIONS

Those that are farthest advanced and show a good vigorous growth will be greatly benefited by a thin mulch of old cow or sheep manure. When cow manure is used it can be about three-quarters of an inch deep, but of sheep manure use only about on-quarter of an inch. Before putting on this mulch clean and stir the surface of the beds and then give a good dusting of bone meal, and on this place the mulch. In giving support to your plants see that each one has unrestricted room for upright growth. Wires run the length of the bench and laths cut for every six to eight rows will hold them in place, adding twine between the plants, tied rather tight. An abundance of invigorating fresh air is indispensable for robust health and winter substance. The plants should be gone over and disbudged at least once a week. As a sure preventive for fly and thrips it is better to fumigate once a week. Watering is a matter of much concern now. Where it is possible do the watering in the forenoon for when done in the afternoon it is detrimental to both plants and soil, to say nothing of it providing ideal conditions for fungous diseases.

CROTONS

All crotons that were cultivated to advantage in a frame during the summer should now be brought into a house with a temperature of about 70 degrees at night and given as much light as they can possibly stand so as to develop their coloring. Where the pots are full of roots color in the foliage can be intensified by giving some liquid manure once or twice a week. To keep the plants in a good symmetrical appearance they should be turned around frequently. Plants that have grown too lanky or that are out of shape can be propagated by pinning new now as well as at any other time in the year.

By this method you can produce a more perfect plant as all the foliage is retained. There is no excuse to have crotons overgrown with muddy long lumps and red spider. Use the hose on them with proper force once or twice a week.

DECORATIVE FOLIAGE PLANTS

All store stuff used either for tropical effect in bedding or outside decoration should now be removed to winter quarters. Those that are planted out should be lifted very carefully and potted up into the smallest pots that will just hold them comfortably, as they will establish themselves more quickly and also give you a chance to shift them into larger pots in the spring. Give frequent syringings, but be careful that you do not get too much water at the roots. Give all your decorative plants a thorough going over now, such as cleaning, repotting and resetting. All ornamental foliaged plants will be greatly benefited by a good splicing and, where scale is found, a more thorough cleaning with Alpine followed by a good hosing will greatly benefit them. It is well at this time of the year not to make any general repotting, but any plant that has any sour old soil should have it removed down to the active roots and replaced with some fresh well-enriched soil. Plants that show a lack of proper drainage should be taken out of their pots, and put back in a properly drained pot with fresh material to replace the old clogged up and stagnant soil.

MAKING A PERENNIAL BORDER

Where it is desired to make or plant any new borders they can be done any time during the present month. It is better to start now and trench your ground by taking out a trench where you propose to start your border, two feet wide and three spits deep. Wheel or cart this soil to where you will finish, then proceed by measuring other two feet and turning it into the trench you have taken out, and so on until you have finished the border. This preparation of the soil will make the border suitable for the roots to run down from eighteen inches to two feet. If the soil is wet underground drainage will be necessary to avoid injury during rainy spells or winter killed by excess of moisture when they are dormant. This trench ed border should be enriched with plenty of well decomposed manure and bone dust deeply dug in. (I shall treat in the next issue on planting and the choosing of a collection.)

PHALENOPSIS

Such species as Phalenopsis Aphrodite, P. grandi-flora, P. Schilleriana, etc., will soon be showing their flower spikes and should have some of the shading removed, leaving only a thin casing to keep the direct sun’s rays from searching the foliage. This additional light will help to ripen up the leaves and give them the proper tissue. It also at this time of the year assists in holding a moist and genial temperature thereby enabling one to avoid using too much fire heat. When the weather is chilly and damp keep up enough of fire heat to maintain your house at 65 to 70 degrees with ventilation on, as it keeps the atmosphere circulating, which is one of the great preventives against black spot. Give a light syringing at all times in bright weather and, as more fire heat is required, the doors and benches should be kept damp.

PRIMULAS

Plants that are wanted for early winter flowering should have their last shift now. Five-inch makes a very good size, but where exceptionally large and fine plants are required a six-inch pot can be used. A suitable soil for them can be prepared by intermixing equal parts—fragile loam, leaf mold, and cow manure, and enough of sand to keep it open. With proper protection from frosts there is no better place for these plants than a cold frame until late in October. After this they should be placed on a well-lighted bench in any cool house of about 15 degrees.

John J. M. Farrell

Mr. Farrell’s next notes will be on the following: Chrysanthemum, Remus; Dutch Tulip; Getting Ready for Frost; Choosing and Planting of Perennials; Preparation; Seeds.
A discredited fad. There are many situations where an "Italian" or other formal garden scheme will fit appropriately into its environment but, in the "creations" of this character which we have been privileged to see in this country, very few have thus appealed to us. It is a pity to break up a picturesque landscape into geometrical spaces. Utility, not taste, is the motive for laying out cities in squares and triangles, but even then the cul-de-sacs is not essential as cities laid out otherwise are equally prosperous and infinitely more attractive. The more naturally disposed the more pleasing a garden or park will be, the changing character of the scenery as the season progresses giving a beauty that is ever new, The modern landscape architect is, we think, disposed to give too much attention to "vistas" and too little to outlooks and we cannot but sympathize and agree with the gardeners when they deplore the tendency which seems to have grown of late, to lavish money on mechanical "gardens," the plan and effect of which is, often than otherwise, entirely out of harmony with the American landscape and jarring to the eye of the appreciative lover of nature. Architecture should never be used to debase nature; it should be treated as an auxiliary rather than the main theme.

Practical affiliation. With the coming in of September, florists' club meetings and local society activities will now be resumed. The wish has often been expressed that a closer affiliation could be established between these numerous scattered organizations and the "parent society," as the Society of American Florists is sometimes termed, and various plans for bringing this about have been presented from time to time but without developing much that was really practical. The local bodies are, of course, occasionally in evidence in S. A. F. matters, as when they rally around a favored member who may be a candidate for office in the S. A. F., when they send a bowling team to a convention, or when they undertake to organize and entertain special convention parties but otherwise useful co-operation between the national and local associations is conspicuously absent. The time has now arrived, we should think, for some well-directed and broadly useful co-ordination to be planned out so that subjects of immediate general concern might be taken up simultaneously. A special committee of the S. A. F., or, if preferred, the executive board could be entrusted with the choosing of topics for each month and advising as to the lines on which a joint campaign for concerted action should be waged. Such matters as parcels post, reciprocity in horticultural material, plant quarantine and inspection, express abuses, methods of marketing and scores of other topics come at once to mind as suggestions for consideration respectively at the same time in all sections of the country. The salutary influence and effect of such concrete action on such questions must be apparent to everyone.

Avoid the ruts. Nothing is more easy, nothing more natural, than for the man who makes no especial achievement in life, to look at his neighbor, who is succeeding, and to say, "As he does, I will do. If he succeeds in this course, I will succeed." Such reasoning is characteristic of the man who lacks the initiative and keen perception of business...
opportunity. The truly successful man is he, who, makes it a point to become master of his calling. Such a man takes a survey of the field in which he labors and thinks. He is naturally too proud to be an imitator and he has confidence that his judgment will lead him aright. Independence of thought and action were never more needed in the horticultural world than today, and there is every opportunity for such independence. Who would have imagined a decade ago, that the florist who specialized in sweet peas, for instance, would have created a most lucrative field, entirely his own? In the business of the commercial florist there is ample field for such diversification. In fact, there are scores of desirable flowers that, in the near future, will unquestionably become market standards. One great fault of commercial horticulture, in this country, is its narrowness. Today there is a demand not only for the flowers which have mingled alike with our sorrow and our mirth, but for those which have not, for new flowers, giving new inspirations. Happy the grower who is wise enough to make a good selection of such material from the vast amount available, that the result of his labor may give new inspiration to his patrons, and to himself the large return his enterprise merits. Perhaps in the near future some enthusiast will double the length of the stems of pansies, as others have already more than doubled those of the sweet peas. No one has yet grown for market purposes Buddleia amabilis, although it is unquestionably one of the most promising subjects. There are many choice annuals, like the salpiglossis, that would prove valuable for winter flowering. The innumerable new plants and fibres, collected by Mr. E. H. Wilson and others, to which frequent reference has been made in this paper, will undoubtedly furnish material that in proper hands will enrich their cultivators.

Paeonia Veitchii

The accompanying illustration shows a new hardy species of peony introduced by Mr. E. H. Wilson from the border of Thibet where it was found growing at an altitude of 9,000 to 10,000 feet. The flowers are single, saucer shaped, bright crimson and about three inches in diameter. The plant is free growing, free flowering and perfectly hardy around Boston. The elegance of the foliage is well shown in the picture.

Timber for Profit

It is very hard for the American farmer to look ahead. He does not want to sow anything that he cannot reap the next year. Besides he is on the look-out for a sale. In this state lands were sold by the D. K. Co. for $5 per acre. When they got up to $10 per acre a great many sold. Now these same lands are selling for from $10 to $200 per acre. Those who sold are living from hand to mouth—those that kept the home are rich. Land proves to be the most faithful friend a family ever had.

In the early days fuel was scarce; there were patches of timber along the creeks. Some progressive farmers ventured to plant the cottonwood on account of its rapid growth. A neighbor planted quite a number of acres and two years ago he sawed the trees and was surprised at the result. The low wet ground proved to be a gold mine and he sold an immense amount of wood and boards—nearly $400 to the acre.

People are on the look-out for a quick growing tree which will bring in speedy returns. The Norway poplar fills the bill as the most rapid growing tree in the North. The Carolina proves to be short lived and cannot resist the cold of the Northern States.

The Park and Forest Society of Nebraska after urging the people for years to plant, have now prepared a circular giving some facts regarding this remarkable tree. They are spreading it broadcast to awaken a general interest in tree planting. Land is too valuable to be idle. A great timber want is coming down upon us. In 25 years lumber will be worth twice as much as at present. For a year or two lumber may be cheaper on account of the great areas burned over killing millions of trees. After that, prices must soar. We must look to the Amazon and to Africa; but these places are far away.

Take the item of boxes alone. In New England kind Mother Nature sows pine seed on the deserted farm and in 40 years an immense amount of boxing lumber is produced. The Norway poplar brings in speedy results. It is tougher than pine, and much stronger and will bear to be thin. For this reason alone it should be planted in immense quantities and as speedily as possible.

C. 8. Harmon

York, Nebraska.

Polypodium Mandaianum

It is no exaggeration to assert that the magnificent new fern depicted on our title page this week has few equals and no superior in the whole line of decorative foliage plants. It is unquestionably the noblest of all greenhouse ferns. It is a unique crested form of the well-known Polypodium aureum. Its growth, as seen at the establishment of W. A. Manda, South Orange, N. J., is prodigious. The fronds are produced with astonishing rapidity and harden up quickly, so that for decorative work as cut material they are well adapted. No acanthus can equal their classic beauty of outline and poise. Mr. Manda has close to 50,000 young stock of this novelty.
WINTER AT THE EXPERIMENTAL GREENHOUSES

By H. B. Bewer before Illinois State Florists’ Association, February, 1912.

Work at the Florists’ Experimental Greenhouses has been continued very much during the past year under the direction of the Advisory Committee and bids fair to give some interesting results. As a whole, the work is progressing very well, and the inspection of the houses will, we think, show the plants in the experimental plots in better condition than ever before. The work as a whole is quite a large undertaking and keeps those connected with it very busy looking after the many details. Much of the success of the coming season is due to the watchfulness and careful attention to details given by Mr. Nehrling.

The work of the year is divided into three experiments, one consisting of the new houses which were built last winter and the completion of the new houses last winter made it possible to take up these lines of work on roses.

The Carnation Experiment.

The period of carination is a continuation or rather a duplication of the work of the past year. At least another year will be necessary before final conclusions can be drawn. The work has given us a great deal of data which will require several months of hard work to put it into such shape as to give the greatest value. As a result of the work, records were taken on 17,729 carnations representing the cut of six months beginning with November and ending on the Ist of March. The past month’s records have been taken on 17,992 sections.

The object of the experiment is to determine whether just as good and as many flowers can be grown by using a very small amount of manure supplemented by commercial fertilizers as when large quantities of manures are used. It is also desired to determine in what proportion the three elements, namely nitrogen, phosphorus, and potassium should be applied in order to get better flowers. As many flowers can be grown with the aid of commercial fertilizers this only proves our point.

It must be kept in mind that all natural manure cannot be dispensed with without injury to the soil and crops. Much of the nutritive substances in natural manures are only available by the bacteria present in the soil. The humus or decaying vegetable matter, and it is for this reason that manure is used in the experiment furnishes the food and the medium in which these bacteria grow. So to get the best results manure should be discarded, but the quantity should be much reduced.

During the season of 1910 and 1911 four varieties of carnations, namely, White Perfection, Beacon, Enchantress and Winsor were selected as being representative types upon which to experiment. 67 plants of each were used and each of which was a complete experiment.

From the first year’s work it was decided that the best commercial fertilizers should be used: dry blood for nitrogen with ammonium sulphate as a good second, acid phosphate for the phosphorus and potassium sulphate for potash. The units of application selected are:

**Dried blood at 2 lbs. per 100 sq. ft.**

**Ammonium sulphate at 4 lbs. per 100 sq. ft.**

**Phosphorous acid at 3 lbs. per 100 sq. ft.**

**Potassium sulphate at 5 lbs. per 100 sq. ft.**

Manure at 15 lbs., or about 31 lbs. per 100 sq. ft.

The standard, then, consisted of a 2 per cent. application of acid phosphate and potassium sulphate at the rates above mentioned. The control or check sections contained an equal amount of manure but no commercial fertilizers. These fertilizers in the other sections were doubled and quadrupled singly, in pairs and all together. This then gave combinations of each kind.

Complete records of the cut from Nov. 1st to May 1st were kept and a study of these is of great interest.

**Cut by**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Nov.</th>
<th>Dec.</th>
<th>Jan.</th>
<th>Total, Gain or Loss</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Perfection</td>
<td>996</td>
<td>1927</td>
<td>2173</td>
<td>2262</td>
</tr>
<tr>
<td>Beacon</td>
<td>1426</td>
<td>1240</td>
<td>1440</td>
<td>2280</td>
</tr>
<tr>
<td>Enchantress</td>
<td>1593</td>
<td>1593</td>
<td>1480</td>
<td>1460</td>
</tr>
<tr>
<td>Winsor</td>
<td>1460</td>
<td>1460</td>
<td>1460</td>
<td>1460</td>
</tr>
</tbody>
</table>

It would be noticed from this table that Winsor appears omitted. Owing to the fact that stem-rot developed very badly it was discarded and White Enchantress was used in its place.

With this change in the variety it was decided to make a variation in the experiment. Accordingly half of the variety is being grown with commercial fertilizers, and the other with natural manures and liquid manures made from it. The amount of dried blood, acid phosphate and potassium sulphate applied was so proportioned that of the two sections in the other experiment.

**The following table shows the cut to date:**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>White Perfection</td>
<td>973</td>
<td>129</td>
<td>1263</td>
<td></td>
</tr>
<tr>
<td>Beacon</td>
<td>161</td>
<td>1261</td>
<td>1240</td>
<td>1301</td>
</tr>
<tr>
<td>Enchantress</td>
<td>1240</td>
<td>1480</td>
<td>1500</td>
<td>1460</td>
</tr>
<tr>
<td>Winsor</td>
<td>1460</td>
<td>1460</td>
<td>1460</td>
<td>1460</td>
</tr>
</tbody>
</table>

This shows a slight increase in the natural manures as the present condition of the plants show that there will be more flowers in the former during the next two months.

The experimental work in carations will, no doubt, show conclusively that equally good carations can be grown with the use of commercial fertilizers used with small quantities of natural manures as with nothing but the natural manure.

The quantity to be used, however, will of necessity be varied to suit the soil of each establishment. This quantity will have to be determined by experimentation.

The work continued in most of the sections was in mind that commercial fertilizers are more concentrated than natural manures and so must be used with caution. An injudicious use of these concentrated fertilizers will be followed by greater disaster than in use of natural manures. In taking up such a line of work the following applications may be taken as the basis on which the work should be considered safe for the average soil.

**Dried blood, 2 to 4 lbs. per 100 sq. ft.**

**Bench, 5 in. deep.**

**Ammonium sulphate, 1 to 3 lbs. per 100 sq. ft.**

**Bench, 5 in. deep.**

**Phosphorous acid, 1 to 1 lb. per 100 sq. ft.**

**Bench, 5 in. deep.**

**Potassium sulphate, 1 to 1 lb. per 100 sq. ft.**

**Bench, 5 in. deep.**

Manure should be applied at rate of about 3 to 4 lbs. per 100 sq. ft. It any help desired in planting such an experiment will be gladly given to Illinois florists desiring it.

**The Rose Experiments.**

In taking up the work on roses it was decided to establish two lines which could be carried on at the same time, namely, one line with commercial fertilizers and the other with commercial fertilizers and a test of grafted versus own-root stock.

**Fertilizer Work on Roses.**

As roses are considered heavier feeders than carnations it was decided to use as a unit twice the amount used as the unit for the carnations. Otherwise the proportions are the same. For this work were selected the Bride and Killarney as representing two types of roses.

Under the treatment when the Brides have responded well and bid fair to give some splendid results. The Killarneys have not developed quite as much as the Brides, but early growth has been applied in large doses the foliage is now taking on a yellowish color and shows over-feeding (see sections 3 and 19). The sections with smaller amounts have a much better color and growth. See sections 1, 6, 11 and 13 which are some of the best in point of growth and number of flowers.

**Grafted and Own Root.**

In the study of the grafted and own-root stock it has been found that the grafted plants made a more rapid growth in the beginning which in nearly all cases has been maintained to the present, the differences being much less marked.

A study of the number of roses cut, not considering the grade, shows: Grafted, 36, own-root, 20.

**Brides**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>190</td>
<td>256</td>
<td>256</td>
</tr>
</tbody>
</table>

While every attempt has been made to have these notes concerning the work accurate, they are at best tentative. The results shown when all the notes have been thoroughly studied that complete results can be given.

Again let me repeat that the price of success in use of commercial fertilizers is care in the quantity used.
GLADIOLUS NOTES FROM MASSACHUSETTS.

Editor of HORTICULTURE:
Will you allow me a bit of your valuable space in above line, as I read with much interest the most excellent notes on Gladiolus by Mr. Betscher in the September 2 number, and as his productions came along similar ones as I found here, it may be of more than passing interest to some others interested in the same grand spikes.

This year, having occasion to test certain strains, I concluded I would make a general test as our firm are intending planting a considerable quantity another season, as the land intended could not be properly prepared this year on account of shortage in help. I laid off a plot of ground comprised of several different grades of soil and put in 6,000 plumy, healthy bulbs of both American grown and European, and a quantity of African seedlings. These were planted April 16, and as the weather came off cold and ground crusted, I said good-by to the bulbs, but a mulch was immediately put on and the plots show no bad effect from the cold except one small space. Soll a rich, rotten slate loam, north exposure, side hill, planted between peach trees, rows 2 feet apart by 6 inches between bulbs, a rate of about 31,470 bulbs to one acre. Another plot was planted at same time, 3 feet between rows and 1 foot apart for bulbs, counting at the rate of 14,520 bulbs to the acre, and planted in a rich sandy loam where tomatoes were raised last year and between rows of peach trees. On June 18 the first spikes were cut showing two to three flowers in bloom and buds well colored.

As with Mr. Betscher, I find the Lemoines were the first to open, but far surpassing them was the first Mr. Betscher the first to open, and as the flower followed by a lot of Childs' and a variety of unnamed seedlings known by number. Blushing Bride opened July 2 and is a very lovely flower of the Delicatissimus. Among our reds I think Princeps, a brilliant scarlet with white throat will be the earliest, but don't care to state definitely till tried out next year. These Excelsior strains did well, having extra long stems, some being cut 4 feet long. Among the American seedlings, the ones from S. C. Mellinger, Calla, Ohio, were the earliest, and had spikes we can ship 1,500 miles and warrant to arrive O. K. We are now shipping cut from his bulb 1,500 miles and cut every day throughout last week's rain.

This coming season we shall check back all these bulbs and those that prove O. K. will go into our general planting. Mr. Betscher says the time for planting in March! Here in this valley of the Merrimac most years they could be planted April 1 on one tract or else the good soil is to be seen, but well drained, and probably 3 days earlier. This will give blooms here about June 10 under ordinary weather conditions. Mr. Betscher says this year has been hard on bulbs, on account of the long drought.

On June 8 we mulched the plots heavily with sheep manure. Not the sheep manure in bags, but from our sheep pens where the sheep were bedded last fall with leaves and straw. We put this between the rows and between the plants to the extent of a good three inches deep and gave it a thorough wetting down with water.

The ground had been previously weeded and cultivated. The bloom was not a spike here and there but general all through plantings.

It is a great pity that more notes are not printed in a clear, practical line as Mr. Betscher's, but the tendency is to print a lot of rot. Only yesterday I read an account of a gladiolus grower who planted 200,000 bulbs to the acre and planted 19 acres, and the notes were sent to the paper by a man that knew better. Now there is a chance that the printer made a mistake of 180,000 bulbs but no excuse for 19 acres. What a trade journal is for is facts and help to the grower, the wholesaler, and the retail merchant, and not trash.

CHARLES F. NEWBELL.
West Newbury, Mass.

H. A. Stevens of Dedham, Mass., is marketing an exceptionally fine grade of asters grown from seed of his own saving, selection having been made for several years.

GLADIOLUS MRS. FRANK PENDLETON, JR.

This new gladiolus was the winner of the American Gladiolus Society's first certificate of merit at Baltimore, August 18, 1911, having been shown there by L. N. Hage of Orange, Mass., and a few days later it was given a first class certificate of merit by the Massachusetts Horticultural Society. It is a seedling of Gandavensis X Lemoniade. In color it is one of the richest flowers ever produced on a gladiolus--a lovely flushed salmon-pink flower with brilliant carmine blotches reminding one of some of the best fayel pelargoniums. The flowers are very large and open out wide, as the picture shows. The variety was raised by A. E. Kunderd of Goshens, Ind., and is named after a prominent society lady of Bar Harbor, Me.

ROYAL INTERNATIONAL HORTICULTURAL EXHIBITION.

The revised schedule for the International Exhibition, to be held at Chelsea, in May next, is now ready for distribution and copies may be obtained, post free, from T. Geoffrey W. Hanslow, Secretary, Royal International Horticultural Exhibition, 7, Victoria street, Westminster, London, S. W. A preliminary schedule was distributed some months ago for the purpose of affording exhibitors some indication of the general nature of the competitive classes, but it was not possible at that time to enumerate the awards. These latter include presentation cups offered by His Majesty the King, the Duke of Portland (President of the Exhibition), and others, also a large number of gold and silver medals. In some of the more exacting classes money prizes accompany the medals, in order that exhibitors may be compensated for expenses necessarily incurred. The present schedule contains this information, and it is therefore indispensable to those who contemplate making contributions to the show.
HORTICULTURE

CLUBS AND SOCIETIES

FLORISTS' CLUB OF WASHINGTON.

The club held their regular September meeting at their quarters, 1214 F street, N. W. The secretary read a letter from Mrs. John Birnie and family thanking the members for their expression of sympathy in their bereavement and a similar letter from the family of the late Joseph R. Freeman.

The renting agents having in charge the building containing halls at 419 Tenth street, N. W., have made an offer to sublet one of their halls for the use of the Florists' Club on their regular meeting nights. It has long been the desire of the membership to have a permanent and suitable meeting place and this offer has again started this discussion. The present quarters are quite suitable but "a home of our own" is the sentiment prevailing.

Other similar offers were made and a committee was appointed composed of Messrs. Bollinger, Cooke and Schmidt to investigate and to report at a future meeting.

A rising vote of thanks was tendered Mr. and Mrs. W. F. Gude for the hospitality shown the members who attended the August meeting held at the Gude home.

Many of the members have failed to receive photographs taken of the annual outing and of the "Grotto" meeting and this matter was ordered to be investigated.

Due to the inadequacy of suitable floor space available for the purpose at the present time, it was decided that the club hold no flower show this year. It is the belief of all that if a show be held it should be worthy of a National Capital enterprise which, under the present existing circumstances, would not be the case.

CLARENCE L. LINZ.

FLORISTS' CLUB OF PHILADELPHIA.

The September meeting of the above club, held on the 4th inst., was well attended—it being nomination night, and the interesting things of the recent convention being up for discussion. J. Otto Thilow was nominated for president; George Craig, treasurer; David Rust, secretary. It was voted to hold a banquet the first Tuesday in October to commemorate the twenty-fifth anniversary of the founding of the club. Convention matters were gone over by Robert Kirt, Adolph Farenwald, John R. Andre, John Westcott, and others. The Leo Niessen Co. exhibited some new dahlias grown by the Peacock Co., includ-

ing Dorothy Peacock, Fringed Century, Eckford Century and Golden Century. William Tricker, Arlington, N. J., exhibited plants of a new variegated form of Vinca minor (Vinca minor aurea) which he stated was very dwarf and very hardy. In answer to the question as to whether it would stand the rigors of a window box in winter Mr. Tricker said he could not say as yet, not having tried it. The secretary was instructed to convey the thanks of the Club to the Baltimore brethren for many courtesies to our members during convention week. David Rust was appointed essayist for next meeting, his subject being a historical sketch of the club since its foundation.

HORTICULTURAL CLUB OF BOSTON.

On Wednesday evening, August 6, there was instituted at the Parker House, Boston, a new organization to be known as the Horticultural Club of Boston. Its purpose is horticultural development and to work, not in competition with but in co-operation with, existing organizations for the advance- 

ment and uplifting of horticulture in all its branches. The officers elected are: President, J. K. M. L. Farquhar; Vice-President, F. R. Plerson; Secretary, E. H. Wilson; Treasurer, E. Allan Peirce.

CLUB AND SOCIETY NOTES.

The Horticultural Society of New York will hold an exhibition of dahlias and other fall flowers at New York Botanical Garden on September 16 and 17.

Expectancy is on tap for the first meeting for the season of the New York Florists' Club, which is scheduled for next Monday night, Sept. 11, and a big turnout is assured.

The Ninth Annual Fall Exhibition of the New Bedford Horticultural Society will be held in Odd Fellows Hall, New Bedford, Mass., on September 14, 15, 16. The display of dahlias, which are a leading product of that section, will undoubtedly be large.

The Southern Nurserymen's Association convened in Greensboro, N. C., on August 24 and 25. A capital address of welcome was made by Mayor T. J. Murphy and Charles Smith of Concord, Ga., responded. The attendance was good and the discussions interesting.

At the exhibition of the Worcester County (Mass.), Horticultural Society on August 31, H. A. Deere of Philadelphia made a very fine display of aquatic plants and flowers in two large tanks. Gladiolus and asters of high quality were shown in large numbers by many contributors.

The Vegetable Growers' Association of America will hold their fourth annual convention in Boston, Mass., September 19 to 22. The program for the meetings and exhibition, which will be held in Horticultural Hall, has been issued and copies may be secured by writing to S. W. Severance, Secretary, 508 Walker Building, Louisville, Ky.

CHICAGO BOWLERS.

With the first appearance of fall business the subject of bowling comes to the front with the Chicago florists and the preliminary steps will be taken to organize in another week. New alleys have been built and an effort will be made to secure them.

The Chicago Carnation Co. ball team lost to the Northeastern Athletic team of Joliet last Saturday, 11 to 13.

GARDENERS' AND FLORISTS' CLUB OF BOSTON

In Gladiolus Fields of B. Hammond Tracy, Wenham, Mass.
A NEW GROWERS' COMBINATION.

A number of growers for the Boston cut flower market to the number of twenty or more have combined for the cooperative marketing of their product. The new concern will be known as the Flower Growers' Sales Co. They have secured some 25 to 30 stalls at the Boston Flower Exchange.

E. ALLAN PEACE.

Market and expect to control the product of nearly a million feet of glass.

The officers are as follows: President E. Allan Peace; Vice-President, Louis J. Renter; Treasurer, J. Frank Edgar; Directors, Wm. Sim, Thomas Roland, C. Holbow, B. Hammond Tracy, A. A. Pembroke, Wm. Jurges, F. Dolanoy, F. F. Putnam, F. Leunk. The business office will be at 6 Province Court.

INCORPORATED.

Norfolk, Va.—Suffolk Floral Gardens; general floral business; capital stock from $10,000 to $25,000.

CHAMPAIGN, III.—That the Illinois Central greenhouse will be moved from Champaign to Flossmore, was the statement made by Mr. E. H. Rice, secretary of the Illinois Central Railway Co. The cause for the removal as given is that the smoke and gas from the roundhouse makes it impossible to grow some kinds of flowers at the Central's greenhouse in Champaign.

SHREWSBURY SHOW.

England's great show has again passed, leaving as it does pleasant memories to thousands and thousands who cast care aside for the nonce and drink in the feast of another year's labor of Britain's best horticulturists, and some of the cleverest performers on the continent. Mention the latter, as the committee caters for all classes, whether interested in gardening or not. Anyone, no matter what his occupation, can visit the show on any day at "The Show," as it is termed locally.

1911 will long be remembered by all connected with the show, whether as exhibitor, visitor or committee, as only a few days previous it looked as though there would be no show, owing to the great railway strike which the country has been up against. Happily this was brought to a satisfactory settlement in time for most of the exhibits to be brought in. Some, however, did not get through in time and intervals the following noticed appeared on blank spaces.

"The committee regrets that owing to the railway strike this space cannot be all the show for the opening.

Considering the excessive drought the country has experienced this summer was very good, the cottagers' classes only showing any falling off.

Messrs Cypher & Sons, Scotch Hill, won out on the large group of flowering and foliage plants arranged for exhibit, followed by Mr. McDonald, gardener to Sir Geo. Kerrick. The firm was also the front for fifteen and six stove and greenhouse plants.

Messrs. Veitch had a splendid collection, including many cacti, orchids, and ferns. Miltionia xerophilus and specimen nepenthes—not for competition.

A new class was a group of herbaceous plants to include rock work and label. This was won by Gunn & Sons, Alton, with a very telling effect. Some very fine nephenes were to be seen here. Blacarome & Longden, Bath, had an excellent group of tuberous rooted begonias. In size and color they were fine. Kelway's gladioli were a feature. Carnations were below American quality. Scillas were only moderate. The King Acre Nurseries staged a large group of pot fruit trees. The champion decorated fruit table was won by F. P. Barnes, gardener for the Duke of Westminster being twenty points ahead of Mr. Goodacre, Elvaston Castle. There were five entries for this class. A splendid platter was to be seen in the various collections of vegetables. Mr. Beckett, gardener to Hon. Vicary Gibbs, Aldeborough House, had an exhaustive non-competitive exhibit.

Messrs. Webb of Wordsley, Stourbridge filled a large space with superior produce including 160 dishes of vegetables, 10 varieties of melons, 50 varieties of sweet peas and various flowering plants.

The floral display at the N. H. State Fair held at Nashua this week was of excellent as to quality, especially the dahlias, of which fine collections were shown in the various classes by the East Manchester Dahlia Garden of East Manchester, N. H. and C. S. Finkham.
CARNATIONS OF TODAY.

Extract from a paper read before the Horticultural Society of Philadelphia, February 7th, 1911, by W. H. Taplin.

Qualities Demanded in a Seedling.

A new variety at the present time is exposed to keen criticism, for a very high standard is set for many plants. It is not enough for a new seedling to simply show good size and fair color; for the trade demands not only that a large flower be grown and that the color shall be produced on a good strong stem, but also that the plant shall be of good constitution and free in growth and flower, and, last but not least, that it shall be productive, which, after all seems to be the supreme court of the cut flower world, declares that the flower must be a good keeper and of such a shade that it will add to the advantage. With such requirements as these constantly before him the carnation hybridizer has much to work for, and much work to do, and the result of these tasks is appreciated by the trade with which they are in regular competition.

Results of Indoor Culture.

Then we have to take into consideration the fact that varieties are likely to depreciate after having been grown for some time, and this may be partly to some inherent weakness of the stock from which they sprang, and in part to the artificial conditions under which they are grown. In the present conditions of commercial cut flower growing, our carnations are grown along under comparatively high pressure, having no respite, as it were, as do the plants demand. In fact the seasons are too short to allow of any rest period, so we keep on propagating and growing a variety until its color standard has been reached, and then look for something of similar or better color and habit to take the place of the older variety.

The indoor culture of carnations seems to bring about the failure of a variety as soon as anything, though in making this assertion I am fully aware there are different opinions on this subject. There are arguments in favor of indoor culture, not the least of which is found in the fact that the bench-grown plants are likely to produce a large flower on a long stem at an earlier period in the season than may be had from a field-grown plant, but the total number of flowers per plant on bench-grown plants is likely to greatly exceed the result from the bench-grown specimen, and taking the season as a whole the net return will much favor the growth of the field-grown plant, without taking into consideration the greater vitality that is retained in the stock by the outdoor system of culture. The months of open air counts for much in the preparation of a plant that is to endure a long season of forced growth under glass.

The Test of Novelties.

Then in the race to produce a given number of plants, some of the new varieties are over-propagated; every possible shoot, and some that we might term impossible are put in as a cutting with the natural consequence that many deficient plants are put out each season, and many disgruntled customers are made. It is not necessary at this time to specify instances of this practice, but that such cases are not infrequent the case would likely be admitted by anyone having much experience in the trial of novelties in the carnation line, and, while speaking of novelties, it must be admitted that the very hybridizer is liable to view his own production with a somewhat lenient judgment, which makes it the more necessary that these novelties be tried upon a qualified committee, and served in a somewhat similar manner to that in use by the Rose and Chrysanthemum Club. Further adoption of such a plan would possibly lessen the number of varieties that may be introduced, but would also save much trouble to those growers who find it needful to try out a batch of novelties each season with a view to keeping up with the procession. It is not mere that the original outlay for a limited number of plants that counts in these experiments, but there is also the loss of so many feet of bench space that ought to be productive.

Record of Some Recent Varieties.

Dorothy Gordon bears a strong resemblance to Enchantress but seems to be a little more even in color, though in form, size, stem, and general characteristics it is extremely difficult, and in all probability impossible, to distinguish the one from the other. Then there is the dark sport from Pink Enchantress that has been named Washington, and in which the variety loses its bright color. A colored sport supposed to represent it that has recently been issued, it is a flower that would not appeal to the writer, but it is a flower and not the printer rather than the flower, and it would be better to suspend judgment until a later period.

In scarlet there does not yet appear to be a variety better than Beacon, this variety being so extremely fine that most growers are ready to forgive its serious fault of splitting badly in mid-winter, though the flower is fair and very bright and cheerful in color, but thus far does not equal Beacon in growth and number of flowers.

P. Dreer of Philadelphia, who has received much favorable criticism during the past year, the flower being of fair size and even in color, and the stem unusually good. It is not pink in a strict interpretation of the color, there being rather too much salmon to be called pink, but it is a beautiful carnation just the same.

Admiral Lord Beatty, a colored variety, and a good sized flower, but unfortunately it has no constitution and thus seems to be out of the race. Duchess of Almeria was shown the past fall as a variety of womanly character, but as to whether it will replace Enchantress remains to be proved.

Mrs. C. W. Ward is making many friends among the florists by this variety having a good-sized flower of pleasing color, and produced on a particularly good stem. It is somewhat liable to bequeath its color to the seedlings, but within is a fine carnation. Alma Ward is a fine exhibition variety, but not free enough for the average grower. Some of the flowers are still grown, but most commercial growers require more size and stem than is found in Mrs. Lawson, and the numerous varieties that have been derived from that prolific source, and while many are still growing Winifred color, for the most part they are being replaced by the standard of the large city markets.

Variegated varieties are not in large demand and Mrs. Patten and Variegated Lawns are the only two available that are devoted to those of fancy marking. It can scarcely be said that there is a standard crimson variety at this time, for although there is a strain tested in various parts of the country there seems to be something lacking, either in constitution, size, stem or color, and from the house room for a very good variety of this color.

PHILADELPHIA NOTES.

Messrs. Rice and Eschner have a pleasant meeting with their visitors from the south, to the Heacock establishment at Wyneco and the Hatboro place of H. Weiss.

W. A. Leaper is at work on arranging the valuable large, hearty and happy. He is already getting in touch with his contacts in the business and is very happy about the prospects. That takes some bustling: three men and a boy. What gets Philip is that the High Browns in the advertising department think they should do a thing about it. The ships' merchants, B. C. Cooper Bros, and the Henry F. Mitchell Co. were among the prominent stores we heard of as closing at noon on Labor Day. Force of habit, custom and conscription are probably among the reasons why all did not fall into line. There is mighty little doing in any department on the afternoon of Labor Day.

Owing to the high price of immortelles this year many florists are going in for cape flowers instead. The orders are showing the right combination for producing a bright scarlet for Christmas work. Nothing quite so dainty and perfect a purpose could be mentioned. The foreigner have not been able to approach this in brilliancy so far.

J. Rice & Co. have been compelled to institute a new department, Frederick W. Smith entered on his duties as chief of publicity, Sept. 5th. He will look after catalogues and circular work, and other advertising. The heads of the firm have reached the point where they have had to get out and do something of that kind. We congratulate them on having secured an able and experienced man.

The new catalogue this fall is the most dignified and finished proposition we have ever seen them get out—and that is saying much. The covers are "idealized tulips" with a VIM and the contents are effective—and the brown double-tone finish is artistic and in the finest taste. Inside bears the same stamp of the proper minuteness. All the heads of departments contribute; but the head chef in the main achievement is George D. Clark. What's what, is the question. Where Samuel S. Ponnock is, he may be frozen up on some cool seascape in Rhode Island, or he may be down among the Blue
Dreer's Imperial Japanese Iris

Our stock of these beautiful Japanese Iris is not only the most extensive in the country, but is also the largest assortment of home grown varieties offered and can be relied upon to be true to name and color. September and October are the best months to plant. We supply strong liberal divisions of the most satisfactory planting size.

DOUBLE FLOWERING OR SIX-PETALED JAPANESE IRIS

No. 1 Kosui-No-Iro. Light violet with white veins.
2 Takihizaru. White, faintly veined with violet.
3 Kono-No-Umi. A fine free-flowering early double white.
5 Tailahiraka. Ten petals, crimson-purple with yellow centre.
6 Kuma-Funjan. Silvery-white, with a broad border of magenta-like veining with white.
7 Sars-Watashi. White, with canary-yellow centre.
8 Gosei-No-Mai. White, veined and traced throughout with violet-blue.
9 Uchiu. Bright purple with crimson sheen.
10 Yoshimo. Very large flower; creamy-white, delicately veined with violet.
11 Kenj-Ino-Toma. Petals peculiarly fluted, light violet with white halo and light veinings.

Wakamurasaki. Crimson-purple with dull blue shadings at base of petals.
13 Hoshi. Silvery-gray, suffused and densely veined with violet-purple.
14 Muna-Iwami. A fine, late-flowering white.
16 Fuji-Mine. White, veined with deep purple.
17 Wakan-Hotel. Pure white, veined throughout with fine late-flowering variety.
18 Gelsbli. Eight to ten petals; bright crimson-purple with white veinings; full double flower.
19 Li-No-Detana. Brilliant violet-purple shaded blue.
20 Ka-Ran. White; densely veined with rich violet-purple.
21 Kisen. White ground, densely dotted and bledtched violet.
23 Shimose. White grained, minutely and densely spotted throughout with bright violet-purple.

SINGLE FLOWERING OR THREE-PETALED JAPANESE IRIS

No. 1 Isu-No-Nami. Silvery-white, veined with violet.
2 Tori-Oshi. White, faintly veined with violet.
4 Hano-Nishiki. Bright violet-purple, veined with white.
5 Shippu. Light lilac densely veined with purple.
6 Gaku-No-Nami. A very eraly shell white.
7 Meiran. White, densely veined and suffused with light violet.
8 Tsuru-Kagami. Magenta-blue, veined with white.
9 Shi-I-Nyu. Greyish white, deeply and densely veined and suffused with violet.
10 Misumishito. Violet-purple, marbled with white.
11 Kigyo-No-Misao. A late flowering pure white.
12 Kimi-No-Megumi. White, densely veined with purple; late-flowering variety.

Price, any and of the above named varieties, $1.25 doz.; $6.00 per 100; $70.00 per 1000. Unnamed mixed varieties 85 cts. doz.; $6.00 per 100; $50.00 per 1000.

For the most Complete List of Hardy Perennial Plants as well as all other Seasonable Stock See our current Wholesale List issued September 1st.


The above prices are intended for the trade only.

Noses in Nova Scotia. At all events, he is not within halting distance of Delaware Bay. Else he'd be back with the run, ray fever or no ray fever. Senator Porouze has turned reformer! This is dishing the Whigs and stealing their thunder with a vengeance. Lively times ahead!

"When the devil was sick
The devil a saint would be!
When the devil was well
The devil a saint were!"

George D. Clark, J. Otto Tallow and George A. Strohlein, all of Dreer's and

Visitors: Miss M. S. Newman and Miss Armstrong, St. Louis, MO; Mrs. John Walker, Youngstown, O.
Visitors reported at M. Rice & Co.'s: J. Van Linding and Charles Moehy, Greensboro, N. C.; H. B. Jones of Jones-Hulsen Co., Cleveland, O.; Miss M. S. Newman and Miss Armstrong, St. Louis, MO; Max Rudolph, Cincinnati, O., returning from an European trip; J. S. Simmons and family, Toronto, Canada, returning from a month's visit to Cape May, N. J.
Obituary

George M. Haeker.

George M. Haeker was overcome by the heat while working in the greenhouses of Mrs. Joseph F. Lang, 10 Melrose street, Chicago, Ill., where he was manager. He died on August 29, aged 52 years.

T. J. Gorman.

T. J. Gorman, Outremont, Montreal, Canada, was killed in an automobile accident on August 17. For many years he had conducted a florist establishment on Mount Royal avenue. He was unmarried.

Philip Fisher.

Philip Fisher, florist, of Chambersburg, Va., was found dead in bed on August 29, at his home. Mr. Fisher was 72 years of age, a native of Chambersburg and served in the 21st Pa. cavalry during the war.

Robert Linney.

Robert Linney, died at his home, Akron, O., on August 18. For many years he conducted a florist business on Grant avenue but retired about five years ago. Mr. Linney was 55 years of age and had resided in Akron for forty years.

Jacob Ellietson.

Jacob Ellietson, of Auburn, N. Y., passed away on August 17, aged 78 years. He was born in Kinnewango, Yorkshire, England, and came to Auburn in the early 50's. He was an expert landscape gardener and grower. His wife survives him.

W. F. Heike.

W. F. Heike, founder and manager of the Huntsville Wholesale Nurseries, Huntsville, Ala., died suddenly in Cleveland, O., on August 25. Mr. Heike came to Huntsville about thirty-seven years ago and founded the nursery of which he was manager. In 1882 he was president of the Alabama State Horticultural Society, a member of the American Association of Nurserymen and was well known among the trade.

Col. Thomas V. Kessler.

The death is reported at Pensacola, Fla., of Colonel Thomas V. Kessler, the representative of the Goulding Fertilizer Co., of Dublin, Ireland. Col. Kessler, prior to the establishment some twenty years ago of the Pensacola plant, had charge of the Baltimore offices of the company and here as in Pensacola he made many friends. Colonel Kessler for many years has been a member of the cabinet of the governor of Florida. He is survived by a widow and five grown children.

Francis O. Canning.

At Villa Nova, Pa., Sept. 1st, Francis O. Canning in his 45th year. This announcement will come as a shock to many of his friends so well known in the horticultural world. He died suddenly and we are informed that his death was caused by mushroom poisoning. At the time of his death Mr. Canning was in charge of the estate of Samuel T. Bo- dine at Villa Nova. He had occupied several good positions, among them being gardener and instructor in the Agricultural College at Amherst, Mass. He was a forceful writer on horticultural subjects for the trade press, and highly esteemed by all who knew him.

William Peck.

William Peck, owner of the Baraboo City Greenhouses, was killed at Grand Marsh, Wisconsin, Saturday, August 26, when he fell from a flat car on a gravel train.

Mr. Peck was born at Abilen, Wiscon-
sin, April 18, 1843, but has made his home at Baraboo most of his life. He was a contractor on the Chicago and North Western Railway for many years and worked for nineteen years. Mr. Peck was always a great lover of flowers and about seven years ago he built the first of his greenhouses in the city of Baraboo. Since that time he has added to his greenhouse area as increased trade required and materials already on hand would have increased his glass and tent orders. Thoroughly he managed while still retaining his position on the railroad. It had been Mr. Peck's intention to quit the railroad and give his whole attention to the greenhouse business in another year, when his tragic death ended his plans.

The funeral was held from his home in Baraboo, Monday, August 28. Members of the B. of R. T., O. R. C., and K. of P. lodges attended in a body as well as a host of other friends. There were a great many designs and other floral tributes.

He is survived by his wife, to whom he had been married but five months, and three children by a former marriage.

DETOIT NOTES.

E. A. Scrull, our veteran florist and debate, is still down east looking around for pointers to disseminate at the club next winter.

Mrs. Freeman, successor to Geo. A. Heind of Toledo, passed through the city on his way to work. While here she will spend several weeks with friends.

Sept. 14 and 16 are the days set for school commencement. Friday of each week will be devoted to flowers grown from seeds distributed by the 20th Century Club. Members of the Florist Club of the 21st Century and will act as judges and distribute prizes. The Florist Club will again give a Boston fern to each of the schools participating.

Labor Day did not stop the faithful few from attending the club meeting. They were pleased to hear that the Roe and Carnation Societies have agreed on a date to hold their convention here and both societies may rest assured of a hearty welcome. G. H. Ellis of Lexington, Ky., arrived at the club rooms in his auto and surprised the members with large baskets of grapes and peaches.

FRANK DANZER.

A CARD OF THANKS.

Mrs. J. R. Freeman and family of Washington, D. C., are expressively grateful for the expressions of sympathy extended to them by so many members of the Society of American Florists' Club of Washington and thanks for the beautiful floral offerings.

WASHINGTON NOTES.

Harry Papworth of New Orleans, La., was in town last week visiting his many friends.

Alvah Godding of Anacostia, D. C., a gardener in the employ of the government has gone to Maine for the month of September.

J. H. Small & Sons have secured the contract for the decoration of the interior of the Royal American Hotel at Baltimore on the occasion of its opening as well as for the permanent displays.

E. C. Mayberry, president of the Washington Florists' Club is spending his vacation in St. Louis, Missouri, and will travel through Harrisburg, Carlisle and other Pennsylvania cities, accompanied by his wife and son.

Leapley & Meyers, 904 G Street, N. W., have on exhibition in their display window a model of an airship, the propeller of which moves around in a very realistic manner, drawing the attention of a large number of passers-by.

The continuous heavy rains in and around this city last week did considerable damage to outdoor stock, washing out the beds, etc. Prior to this, the drought caused quite a loss and it is expected that which was the most costly.

Robert Shock of M. Rice & Co., Philadelphia, was a visitor in Washington last week, coming here on his convention trip and opening up with quite a display in the Edelhut House. Mr. Shock reports the prospects in the south for the coming season as exceptionally bright.

F. H. Kramer has in the window of his 916 F Street store a square glass tank containing goldfish, aquatic plants, etc., around which is a gilt frame inside of another frame of ebony, in imitation of a painting. Due to the size of the frame, none of the glass other than that representing the sheet over a picture, is noticeable.

Harry Gottkenny, with Gude Bros., is spending his vacation in camp on the Rappahannock River in Virginia, and Harry B. Richard & Son, the same firm is traveling through the eastern states on his three weeks' of pleasure. O. A. C. Oehler, secretary of the Florists' Club of Washington, has returned from a long sojourn at Colonial Beach, Va.

George Cooke has enlarged his store at Connecticut avenue and L streets, N. W., pushing back the partition and building a small store at the side.

J. Henry Small & Sons have been awarded the contract for the decorations at the New Willard Hotel and George Davis, of that firm, was at the Temple on the occasion of the visit of the Veiled Prophets to this city.


The Boston Co-operative Flower Market, Boston, Mass., held a very successful sale of stools on September 2. The demand was a little better than last year, only about a dozen stools being left unsold.
NEW CROP
MOORE'S SUPERB CYCLAMEN
(Williams' Giant Strain)

This famous strain of Cyclamen varieties have large beautifully marbled leaves and stout flower stalks, throwing the enormous flowers of great substance, the delightful fragrance well above the foliage, and cannot be excelled. Very profuse bloomers of striking beauty. Vigorous growers.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>White, pure white</td>
<td>$1.00</td>
</tr>
<tr>
<td>Crimson Queen, very rich color</td>
<td>1.25</td>
</tr>
<tr>
<td>Red Yarn, Satin White, Crimson Eye</td>
<td>1.00</td>
</tr>
<tr>
<td>Salmon Queen, pale pink</td>
<td>1.25</td>
</tr>
<tr>
<td>Masterpiece, New, extra large flower, pink, red eye</td>
<td>1.50</td>
</tr>
<tr>
<td>Fringed, white and rose</td>
<td>1.25</td>
</tr>
<tr>
<td>Mixed, including the above and other fine sorts</td>
<td>1.00</td>
</tr>
</tbody>
</table>

MOORE SEED CO.
125 Market St.,

Please mention Horticulture when writing.

PRIMULA MALACOIDEA
"The Glorified Baby Primrose"

Offered for the first time in America. This variety will continue sending up a succession of blooming spikes (color, beautiful lilac), giving a picture of a shower of blossoms.

The individual flowers are much larger than P. Forbesi and infinitely more freely branched. It is highly recommended either for cut flowers or for plants, which sell readily on sight. Per trade pkt., $1.00; ½ pkt., 50c.

Our Full Bulb Catalogue of Quality Bulbs, etc., now ready. A post card will fetch one by return mail.

Arthur T. Boddington, Seedsman
342 W. 14th St., New York

RECENT PLANT IMMIGRANTS.
Reported by The Bureau of Plant Industry, Dept. of Agriculture.

Asparagus Sp. (Convallariaceae.) 36823. Rheizomes from Tchon, Tokes Valley, Thian Shan, Chinese Turkestan. Altitude of 4000 feet. "A wild asparagus, of climbing habits, growing from eight to fifteen feet in length. Found between Berbers' bushes. The young sprouts are eaten as a spring vegetable. Of possible value as an ornamental plant in northern regions for several purposes; viz., as a border plant, as living festoons of small dimensions, as a porch climber and as cut for decorative work." (Meyer's introduction.) For distribution later.

Elagacia Augustofolia. (Elagacia cornuta) Cuttings of oleaster from near Yamato, Thian Shan, Chinese Turkestan, altitude of 2500 feet. "A variety of wild oleaster having a beautiful shining, chocolate-brown bark. Found on a sandy waste along the Tokes River. Grows into a tall shrub or a small tree. Of decided ornamental value for parks and gardens in the colder sections of the United States." (Meyer's introduction.) For distribution later.

Lonicera Sp. (Caprifoliaceae.) 36826. Cuttings of a honeysuckle from the valley of the Chong Dighian, Thian Shan, Chinese Turkestan. Altitude of 5000 feet. "A shrubby honeysuckle; found in copses on peaty and on rocky soil. Growing 4 to 6 feet in height. Young branches are of a pale yellow or white color and are attractive looking in winter. Of course probably a hard and garden shrub in the northern United States." (Meyer's introduction.) For distribution later.

Lonicera Sp. (Caprifoliaceae) 36937. Cuttings of a honeysuckle from near Yngel-Mahah, Thian Shan, Chinese Turkestan. Altitude of 5000 feet. "A shrubby honeysuckle, of tall, fastigate growth. A mutation. The only one seen among thousands of normally growing bushes. Of value as a shrub of rigid outlines along pathways, also as a background for flowering plants in cemeteries and in gardens where a certain formal and dignified spirit has to be preserved." (Meyer's introduction.) For distribution later.

PERSONAL.
We are glad to hear of the return of our firm's correspondent, Mr. D. O'Mara from his vacation across the sea and trust the outing and rest has fully restored his health and spirits.

W. E. Marshall, the New York seedsmen, has returned from a three weeks' yacht cruise in Jamaica Bay and neighborhood. Mr. O. Chester of the same house has now taken his turn at a vacation in the same place and reports the fishing good.

Headquarters for
FALL BULBS
Send for Trade List

John Lewis Childs
Flowerfield - LONG ISLAND, N.Y.

For Fall Planting

- Lilium Temnolobum, Henry, Hansol, Wali- der and Davuric; Elegans var., Single and Double Tigers; Japan Tree Lilies, Delhi, Himalayan, pills, and German Pilis; Duphle Caesarum.

Full list ready August
E. S. MILLER
Wading River, N. Y.
The Non-Warranty Clause.

The following communication has been sent to the members of the American Seed Trade Association by Secretary Echoes.

At the last Annual Convention your Association the undersigned Committee was appointed to investigate and report on the question,—Is need essential to have the usual non-warranty clause printed on their stationery between the date line and signature in order to make such clause and all other conditions of the contract of sale made by the correspondence between the seller-seedsman and the buyer?

We beg to submit our report as follows:

From information received, we understand that the question arose from a decision of the Supreme Court in Illinois found in the case of Summers vs. Hibbard, 153 Ill. 102, and we briefly note the facts of that case. Hibbard made Summers an offer to ship contract under which they signed. Hibbards gave an unqualified acceptance of said offer on their stationery which carried on the top of the sheet above the date line, fill in a small paragraph the type the clause, "All sales subject to strikes and accidents." Summers failed to deliver and set up as a defense claiming the parol contract. The Court held that the written terms of the contract were absolute, definite and conclusive and that the clause was antipathetic to the written terms and must therefore be discarded.

In the later Illinois case of Acan-nda Copper Muling Co. vs. Houston, 187 Ills. App. 152, there was a printed clause at the top of the stationery and above the date line, etc., preceded, however, with shipping directions typed below the part where the clause acted as a part of the contract, saying: "There being a written designation of the shipping route at the head of the letter, nothing in the proximity of the printed condition ** ** and there being no inconsistency between the written and printed parts of the contract, the Court held that the condition of the contract was made; and the Court gives this dictum:"

"We are inclined to the opinion that without some such reference a printed condition should not be considered a part of the written contract where an absolute order is given in writing and not in the letter party." We have also considered other Illinois cases and there appears no divergence from the law as above stated.

We have also considered other Illinois cases and there appears no divergence from the law as above stated. We have considered the decision of the Court in the case above propounded, and so far as the decisions of Illinois are concerned, we are of the opinion that the seedman cannot make his disclaimer clause at the top, or at the bottom, or on the reverse side of the letter sheet, upon which he is making his contract of sale, and have hence an effective condition of his contract, provided in the

written part of his letter direct reference to such clause as a part of the contract, for example, "subject to the above (or below, etc.) printed conditions we offer (or accept), etc." We suggest that this method of placing the disclaimer clause at the top or bottom of the letter sheet, with direct reference thereto in the body of the letter, would be advisable and over printing the clause between the date line and signature, insinuated as not all correspondence of seedmen constitutes, for instance, prices or terms of sales, and the direct reference above advised distinctively comes within the ruling of the Supreme Court and makes any other decisions, and will avoid the possibly unfavorable judicial determination that the printed clause is antipathetic to the written terms and so void.

And as to the law in states other than Illinois, our investigations indicate that most Courts sustain, while some Courts do establish the Illinois doctrine of exclusion of printed clauses outside of the date line and signature, unless referred to in the body of the letter. According to the known theory that a document must be read by its "four" or "eight corners." Yet we maintain our opinion above expressed and for these reasons:

First, the Courts might decide, under the facts of the particular case (as in the Summers case), that the prin...
MICHELL'S Colossal Mignonette

The seed we offer is greenhouse grown, picked from specimen spikes only, and from a strain which has no superior in this country.

Fresh seeds ready now

Trade Packet, 40c $3.00 per oz.

WHOLESALE FALL CATALOGUE READY NOW

HENRY F. MICHELL CO.
518 MARKET STREET
PHILADELPHIA

Farquhar's Flower Seeds for The Florist

Write for our Wholesale Catalogue

R. & J. FARQUHAR & CO.
Boston, Mass.

J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

J. BOLGIANO & SON
37 East 19th St., NEW YORK CITY
Of Interest to Retail Florists

IN NEW YORK.

What's the news from this village? Well, nothing specially, only that everlasting hopes are keeping green, hundreds of thousands who have returned from their vacation worlds and paradises to "Home, Sweet Homes" here during the past week, and in the mighty armies of fires on humanity energizing from cities and railroad depots we can (and we hope not in vain) conjure up a not far distant demand for nice little house plants which the good wife or sister considers essential to the first reception to old friends.

In this returning homeward of the great masses there is more than a suggestion of get-readiness which the wise retailer will not fail to understand and it is the one who displays suitable, dependable plants at reasonable prices with intelligent instructions as to their care that will succeed in catching, as we used to say at school, the early customer, and in the first good treatment towards a customer there may exist a life-long friend or an invaluable, virulent enemy, so beware and be generous. Honesty is not dead but a living comrade to a clear conscience.

As with plants 'tis with cut flowers and all appertaining to our beloved business in horticulture. Times and places will occur where deparred tastes or total indifference may offer onsets for surplus or inferior stocks, but the safer wheel of fortune rides on what is best.

Labor Day in this city of the world presented an unprecedented array of labor's strength and prosperity. Many, many thousands of men and women paraded down Fifth avenue and we are sorry to note that among the whole contingent of marchers and onlookers, comprising nearly one-quarter million people, there were not more than one hundred dollars worth of flowers in ev...
September 9, 1911

HORTICULTURE

CHICAGO NOTES.
Greenhouse Fire.

The third florist to suffer loss by fire very recently was August Jurgens, 2217 Herndon street, whose place was badly injured August 29th. Mr. Jurgens, who has been associated with the business for 26 years, was aroused at 11 P.M. by his daughter, who had awakened to find the house full of smoke. So dense was the smoke that it was difficult to realize that the live small children and their parents made their escape. The five greenhouses were badly damaged, about 25 feet being burned from each, and the gothic structure containing the automobile, tools, etc., is a complete loss. The horses were saved and fortunately the most of the early bulbs which were on hand for the late rains, arrived later. There was no insurance and Mr. Jurgens estimates his losses between three and five thousand dollars. The house which will be put in shape for winter use and at some future date a new range will be built. The house, which was connected with the greenhouses, is also badly damaged by fire and water.

Wedding Bells.
Saturday, August 26th, Allie Zeck and Emma Pagoles were quietly married and shipped away to Milwaukee where they will await the happy event to their many friends. The groom is the son of John Zeck of Zeck & Mann and has been associated with them in the wholesale flower business for some time. He is an active member of the Chicago Florists Club and a leader in the bowling games and has the best wishes of the entire trade. Mr. and Mrs. Zeck have made housekeeping at 3630 N. Leavitt street.

Saturday, September 2nd. Emily Blewitt, eldest daughter of H.C. Blewitt, of that house and John Prickett of the Desplaines Floral Co. were married at Desplaines. Both parties are well known and are regarding the occasion as the happy culmination of a long engagement.
At the same time occurred the marriage of Arthur, second son of H.C. Blewitt, and Grace Schaeffer. The large house of the Desplaines Floral Co. will be the home of the two couples.

Robert J. Windler of St. Louis, Mo. and Mary Zender of that city were married September 6th at the home of the bride's parents at Rogers Park. The groom is a well known retailer at St. Louis and president-elect of the Louis Floral Club. The bride is daughter of Adam Zender, one of the old time florists on Park Ridge avenue. Chicago. Mr. and Mrs. Windler will reside in St. Louis, Mo. where a hearty reception awaits them.

News Items.

Among those who enjoy fall vacations is Charles Zapp, who takes two weeks in Michigan.
All the wholesale florists closed the shops Labor Day as near noon as olders would permit.
A Henderson & Co. are now nicely settled at Room 420, Atch's Building, and business is very encouraging with the new firm.
Charles Erne, manager of the flower department of the E. H. Hunt Co. will embark in the retail business during the month of September. Mr Erne has not yet fully decided upon his location, but expects that it will be in the downtown section.

Trade Notes.
The Geo. Wittbold Co. have just received another lot of Holland bulbs, little later than usual on account of the cholera quarantine, but the stock opens up in fine shape. Lillies, of which there is a great deal on hand, are being planted so as to give continuous crop all the year. This year Mr. Wittbold cut his first gladiolus April 15th and will have them till frost comes.


Baltimore Notes.
Mr. and Mrs. Robert Halliday are spending their vacation at Tillman's Island, Md.
Lehr Bros., of Brooklyn, Md., have planted their new rose house which has just been completed to Maryland, Ivory and Killarney.
The "Fernery" on North Charles street, near the Union Station, will be reopened by the C. H. Wagner Co. after necessary alterations and repairs have been made to the store. Charles H. Wagner, formerly manager of the North Charles street store of Chicago Fruit & Sons, will be in charge.
Richard Vincent, Jr., & Sons will give their annual display of dahlias and their connection to the annual Home Festival of the Evangelical Methodist Episcopal Church on September 25, 26, 27 and 28. A special train for Cowenton will leave Camden Station each day.
The members of the Peninsula Horticultural Society were the guests of J. G. Harrison & Sons at Berlin, Md., on the occasion of their annual summer meeting held last month. Upon the completion of their business, the delegates made a trip to Ocean City, Md., and attended the annual meeting. Mr. Harrison's nurseries cover about 2,000 acres and it was from here that the much admired peaches distributed at the convention were grown.

"FLOWERS BY TELEGRAPH."

Leading Retail Florists Listed by Towns for Ready Reference.
Boston—Thos. F. Galvin, 24 Tremont St.
Chicago—Edw. McNolty, 120 Boston St.
Cincinnati, O.—H. J. Moorman, 807 State Ave.
Davenport, Ia.—J. W. Pierson, Tarrytown, N. Y.
Fort Worth, Texas.—E. McAdam, Houston near Eleventh street.
Galesburg, Ill.—Manda, South Orange, N. J.
Hoboken, N. J.—Mr. Jurgens, Newport, R. I.; Julius Roders, Jr., Rutherford, N. J.

NEW FLOWER STORES.
Cincinnati, O.—H. J. Moorman, 807 State Ave.
Fort Worth, Texas.—E. McAdam, Houston near Eleventh street.
Chicago, Ill.—J. C. Bruckner, St. Lawrence and Sixty-seventh street.
Pasadena, Calif.—Wolfskill & Jaeger, 15 East Colorado street, to be known as "The Orchid."

NEWS NOTES.
Chicago, Ill.—F. O. Frantzen now occupies two stores, 1476 and 1478 Summerdale avenue.
New York, N. Y.—Louis Anagores has been taken into partnership with C. Drakos, retail florist, at 2631 Broadway.
Port Chester, N. Y.—The floral business known as the Rosary has been purchased by Fred Dittmar of Belle Haven.

THE Florists' Supply House of America.

H. BAYERSDORFER & CO.
1129 Arch St., Philadelphia, Pa.

NEW ENGLAND
FLOWER DELIVERIES.
Send flower orders for delivery in Boston and all New England points to
THOS. F. GALVIN
124 Tremont St., Boston

TRANSFER
Your orders for flower or plant delivery in Eastern New England to
JULIUS ZINN
1 Park St., Boston

WELLESLEY COLLEGE
Dana Hall, Walnut Hill and Beechridge Hall Schools, TAILBY, Wellesley, Mass.
Tel. Wellesley 44 and 9 Night 449
Asters
The Best, per 100 - $2.00
Firsts, per 100 - $1.00 to $1.50
For Design Work, per 100 - $0.75

The choicest stock on the market in any quality.

Dahlias
$1.00—2.00 per 100.
The newer introductions and all good commercial varieties

Dorothy Peacock
The finest pink Dahlia on the market; per 100, $5.00.

The Leo Nielsen Co.
Wholesale Florists
1209 Arch Street, Philadelphia, Pa.

The Best Letters
For Those Made by the Boston Florist Letter Co.

64 Pearl St., Boston
N. F. McCarthy, Mgr.

Order direct or buy from your local supply dealer. Instal on having the Boston Inscriptions, Emblems, etc. Always in Stock.

Cut Flowers
Boxes
Edwards Folding Box Co.
Manufacturers

Peter Reinberg
Wholesale Florist
37 Randolph St., Chicago, III.

Poehlmann Bros. Co.
33-35-37 Randolph St., Chicago
Cut Flowers
Greenhouses, Morton Grove, Ill.

George B. Hart
Wholesale Florist
24 Stone St., Rochester, N.Y.

The J. M. McCullough’s Sons Co.
Wholesale Commission Florists

Consignments Solicited
Special attention to shipping orders. Job-bergs of Florists’ Supplies, Seeds and Bulbs. Price List on application.

376 Horticulture
September 9, 1911

To Cut Flower Growers and Retail Florists

IF YOU

want to find a market for your product
want a regular or special supply of the product of the best growers

Consult the Advertisements on these Wholesale Flower Pages

The Advertisers Represented Here are the Leading Concerns in the Wholesale Flower Trade

Welch Bros.
American Beauty, Killarney, Richmond, Maryland and all the Superior
Roses, Lily of the Valley, Carnations, Orchids
Best Produced
226 Downvonk Street, Boston, Mass.

Wholesale Flower Markets—Trade Prices—Per 100

TO DEALERS ONLY

ROSES

<table>
<thead>
<tr>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHILADELPHIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sept. 3</td>
<td>Sept. 7</td>
<td>Sept. 3</td>
<td>Sept. 7</td>
</tr>
<tr>
<td>Am. Beauty, Fancy and Special.</td>
<td>15.00</td>
<td>20.00</td>
<td>18.00</td>
</tr>
<tr>
<td>&quot; Extra</td>
<td>15.00</td>
<td>15.00</td>
<td>10.50</td>
</tr>
<tr>
<td>&quot; No. 1.</td>
<td>10.00</td>
<td>10.00</td>
<td>7.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>6.00</td>
<td>6.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Richmond, Chusan, Fancy &amp; Special.</td>
<td>6.00</td>
<td>10.00</td>
<td>7.00</td>
</tr>
<tr>
<td>&quot; Lower grades</td>
<td>4.00</td>
<td>4.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fancy &amp; Special.</td>
<td>3.00</td>
<td>5.00</td>
<td>3.00</td>
</tr>
<tr>
<td>&quot; Lower grades</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Sete, ’Maid,’</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Katherin, Carol, Tall.</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Jarrangos, First Quality, Ordinary...

MISCELLANEOUS

| Lilies, Longstem. | 6.00 | 8.00 | 8.00 | 8.00 |
| " Shortstem. | 4.00 | 6.00 | 6.00 | 6.00 |
| " " Rosea | 8.00 | 8.00 | 8.00 | 8.00 |
| " " Seidenfaden. | 10.00 | 12.00 | 10.00 | 10.00 |
| " " Guhl. | 5.00 | 7.00 | 5.00 | 5.00 |
| " " Astuces. | 5.00 | 7.00 | 5.00 | 5.00 |
| " " Daisies. | 6.00 | 8.00 | 6.00 | 6.00 |
| " " Sweet Peas. | 7.00 | 9.00 | 7.00 | 7.00 |
| " " Gardenias. | 10.00 | 12.00 | 10.00 | 10.00 |
| " " Gladioli. | 5.00 | 7.00 | 5.00 | 5.00 |
| " " Amaryllis. | 4.00 | 6.00 | 4.00 | 4.00 |
| " " Asparagus Plumosus. | 6.00 | 8.00 | 6.00 | 6.00 |
| " " and others. | 2.00 | 3.00 | 2.00 | 2.00 |

The Best Letters
For Those Made by the Boston Florist Letter Co.

52 Pearl St., Boston
N. F. McCarthy, Mgr.

Order direct or buy from your local supply dealer. Instal on having the Boston Inscriptions, Emblems, etc. Always in Stock.

Cut Flower Boxes
Edwards Folding Box Co.
Manufacturers

Peter Reinberg
Wholesale Florist
37 Randolph St., Chicago, Ill.

Poehlmann Bros. Co.
33-35-37 Randolph St., Chicago
Cut Flowers
Greenhouses, Morton Grove, Ill.

George B. Hart
Wholesale Florist
24 Stone St., Rochester, N.Y.

The J. M. McCullough’s Sons Co.
Wholesale Commission Florists

Consignment Solicited
Special attention to shipping orders. Jobber’s of Florists’ Supplies, Seeds and Bulbs. Price List on application.

376 Horticulture
September 9, 1911

To Cut Flower Growers and Retail Florists

IF YOU

want to find a market for your product
want a regular or special supply of the product of the best growers

Consult the Advertisements on these Wholesale Flower Pages

The Advertisers Represented Here are the Leading Concerns in the Wholesale Flower Trade

Welch Bros.
American Beauty, Killarney, Richmond, Maryland and all the Superior
Roses, Lily of the Valley, Carnations, Orchids
Best Produced
226 Downvonk Street, Boston, Mass.

Wholesale Flower Markets—Trade Prices—Per 100

TO DEALERS ONLY

ROSES

<table>
<thead>
<tr>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHILADELPHIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sept. 3</td>
<td>Sept. 7</td>
<td>Sept. 3</td>
<td>Sept. 7</td>
</tr>
<tr>
<td>Am. Beauty, Fancy and Special.</td>
<td>15.00</td>
<td>20.00</td>
<td>18.00</td>
</tr>
<tr>
<td>&quot; Extra</td>
<td>15.00</td>
<td>15.00</td>
<td>10.50</td>
</tr>
<tr>
<td>&quot; No. 1.</td>
<td>10.00</td>
<td>10.00</td>
<td>7.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>6.00</td>
<td>6.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Richmond, Chusan, Fancy &amp; Special.</td>
<td>6.00</td>
<td>10.00</td>
<td>7.00</td>
</tr>
<tr>
<td>&quot; Lower grades</td>
<td>4.00</td>
<td>4.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fancy &amp; Special.</td>
<td>3.00</td>
<td>5.00</td>
<td>3.00</td>
</tr>
<tr>
<td>&quot; Lower grades</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Sete, ’Maid,’</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Katherin, Carol, Tall.</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Jarrangos, First Quality, Ordinary...

MISCELLANEOUS

| Lilies, Longstem. | 6.00 | 8.00 | 8.00 | 8.00 |
| " Shortstem. | 4.00 | 6.00 | 6.00 | 6.00 |
| " " Rosea | 8.00 | 8.00 | 8.00 | 8.00 |
| " " Seidenfaden. | 10.00 | 12.00 | 10.00 | 10.00 |
| " " Guhl. | 5.00 | 7.00 | 5.00 | 5.00 |
| " " Astuces. | 5.00 | 7.00 | 5.00 | 5.00 |
| " " Daisies. | 6.00 | 8.00 | 6.00 | 6.00 |
| " " Sweet Peas. | 7.00 | 9.00 | 7.00 | 7.00 |
| " " Gardenias. | 10.00 | 12.00 | 10.00 | 10.00 |
| " " Gladioli. | 5.00 | 7.00 | 5.00 | 5.00 |
| " " Amaryllis. | 4.00 | 6.00 | 4.00 | 4.00 |
| " " Asparagus Plumosus. | 6.00 | 8.00 | 6.00 | 6.00 |
| " " and others. | 2.00 | 3.00 | 2.00 | 2.00 |

J.A. Budlong
82-84-86 E. Randolph St., Chicago

Our Stock is A-I and it is quality not prices that talks

Chicago Flower Growers’ Association
Wholesale Growers of Cut Flowers and Plants

176 N. Michigan Ave., Between Randolph and Lake Streets, Chicago

Henry M. Robinson & Co.
15 Province St., 9 Chapman Pl., Boston, Mass.

Everything in Flowers
Complete Stock of Florists’ Greens,
The Three Floors of Florists’ Supplies.

Try My Prices.
J. Jansky
15 Province St., Boston, Mass.
Manufacturer of Florist Wire Designs.
All Kinds of Florist Supplies.
New crop Daggers and Faner Fans, $1.75 per 7000. Green and Bronze Galas, 80c.
1000; by the case, $7.50. Boxwood, 50c.
Car, $7.50; by the lb., 50c. Laurel Wreaths,
6 1/2" per dozen; 7 1/2", $2.50 per dozen.
14"-inch, $1.25 per dozen; 16-inch, $1.50
per dozen. Laurel Trimming, 4 and 6c. per ft.

Henry M. Robinson & Co.
15 Province St., 9 Chapman Pl., Boston, Mass.

Everything in Flowers
Complete Stock of Florists’ Greens,
The Three Floors of Florists’ Supplies.
Extraordinary Offer of
Sphagnum Moss. Your
Opportunity to Buy Cheap.

Having our own men in Jersey
who gather and bale the moss, we are
in a position to make the following
extraordinary low prices.

Per 7 bbl. bale, $2.25; 10 bale lots
at $2.00 each.
Per 10 bbl. bale, $3.50; 10 bale lots
at $3.15 each.

This special offer is good only for
a limited time. It is therefore impor-
tant that orders be placed at once;
even if you do anticipate your wants
ahead of actual necessity.

Each bale is covered with burlap,
thus insuring cleanliness around
the store and no waste.

Distributing Agents for the great new roses for 1912.

DOUBLE WHITE KILLARNEY AND KILLARNEY QUEEN

Write us for particulars and prices. Orders booked now.

S. S. PENNOCK-MEEHAN CO.
THE WHOLESALE
FLORISTS OF
PHILADELPHIA

NEW YORK
109 W. 28th Street

PHILADELPHIA
1608-1620 Ludlow Street

WASHINGTON
1212 New York Ave.

Flower Market Reports.

Business keeps a-moving
in this market and is
apparently gaining al-
though the gain is slow. The present
week has been a decided improvement over
the last in volume of business done
and good reports are received from the
buying trade throughout New England,
but the heavy increase in cut of some
staples hinders any general advance
in values and the accumulated stock
would give the impression that trade
has fallen off, which, happily, is not so.
Quality in general shows a very
gratifying gain. This applies to ast-
ers, especially, which are better than
at any previous time this year but are
hopelessly over-loaded and to roses
which in the newer sorts such as Hil-
lington, Bulgarie and Radiance are
rapidly progressing towards a com-
manding position in the daily demand.
All other staple stock is in normal
supply and demand.

The week ending the
BUFFALO month of August showed
a slight improvement
in the market. There was plenty
of stock and of good quality. Aster
were at 10c and above and other stock.
The demand has been a
little better than heretofore though
there are too many of the short ordi-
nary quality of asters which are hard
to dispose of at any price. Beauties
continue to be good and have sold sa-
satisfactorily, also choice Maryland, Kai-
sen and Pres. Carnot. Fall weddings
are noticeable and lily of the valley
has had demand, also white roses

and Perles—the latter being very fine
from new crops. Richmonds are com-
ing to the front but the warm weath-
er has a tendency to check the sales to
some extent. Golden Glow chrysan-
themums are seen more in quantity
but too early for the trade. A good
supply of greens in adiantum, Aspara-
agus plumosus and Sprengerl is had.

There is nothing strik-
ingly different in the
condition of the cut
flower market from that of the past
four weeks except that the glut is a
thing of the past. First class stock
moves more slowly some days than is
satisfactory to the grower, but on the
whole the past week has seen few

good flowers go to waste. There is
generally too much stock of a lower
grade to be used to advantage and it
is here that the less occurs. There
has been a noticeable increase in
shipping orders which has helped to
use up the best stock. American
Beauties are particularly in demand
for this as they stand shipping better
now than the softer roses and all
Beauties were used up promptly this
week. Asters are still leading in
quantity. Some very fine blooms are
in the market and when there is so
much to choose from the small ones
are sure to be left unsold. Gladioli
are not coming in such overwhelm-

(Continued on page 370.)
M. C. FORD Successor to
FORD BROTHERS
121 West 28th Street NEW YORK
FINE ROSES. FANCY CARNATIONS.
A Full Line of All CUT FLOWERS.
Telephone, 3970 or 3871 Madison Square

H. E. FROMENT
Wholesale Commission Florist, Choice Cut Flowers,
47 West 28th St. :: NEW YORK
Telephones: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send for quotations. Correspondence with 
shippers of first-class stock invited.
130 West 28th Street, New York
Telephones 4026-4621 Madison Square.

Edward C. Horan
Wholesale Florist
55 West 28th St.

Greater New York Florist's Association, Inc.
Now Open for Cut Flower Consignments.
162 Livingston Street, BROOKLYN, N. Y.
Geo. W. Crawford Telephone Connection Manager
3642-43 Main

Moore, Hentz & Nash
Wholesale Commission Florists
55 and 57 West 26th Street

WM. P. FORD—
Wholesale Florist
45 W. 28 Street, NEW YORK
Call and Inspect the Best Establishment in the Wholesale Flower District.

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ MAURICE L. GLASS
Coogan Building, 55-57 West 26th Street
NEW YORK CITY
Telephone 2021 Madison Square Open from 9 a.m. to 6 p.m.

THE KERVAN COMPANY

Fresh Cut Evergreens, Mosses, Southern Smilax, Flax and Leucotrichum,
Preserved and Fresh cut Cycas and Palmillette.
Tel. 1519 Madison Square

REED & KELLER
122 West 28th St., New York
Florists' Supplies
We manufacture all our Metal Designs, Baskets, Wire Work & Novelties and are dealers in
Decorative Glassware, Green and Florists' Accessories.

P. J. SMITH
Successor to JOHN G. RAYMOND
Wholesale Commission Florist
SELLING AGENT FOR LARGEST GROWERS.
The HOME OF THE LILY.
TEL. 1968 MADISON SQUARE
49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS.
133 West 28th Street, New York
Telephone 3532-3533 Madison Square

HEADQUARTERS FOR NOVELTIES

ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY—ALWAYS ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, 3rd. fl., 55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

Last Half of Week ending Sept. 2, 1911
First Half of Week beginning Sept. 4, 1911

American Beauty, Fancy and Special...
Extra...
No. 1...
Lower Grades...
Richmond, Chateaux, Extra and Special...
Killerney, My Maryland, Extra and Special...
Bride, "Tulip..., Cerise, Carnet, Tall...
Carnations, First Quality...
Ordinary...

8.00 to 10.00...
6.00 to 8.00...
5.00 to 6.00...
5.00 to 6.00...
3.00 to 4.00...
2.00 to 3.00...
2.00 to 3.00...
1.00 to 2.00...
1.00 to 2.00...
1.50 to 2.50...
1.50 to 2.50...
1.50 to 2.50...
1.50 to 2.50...
1.00 to 1.50...

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York

THURINGIAN REAL mix.

Siebrecht & Siebrecht
Wholesale Florists
136 W. 28th St., New York City

Frank H. Traendly
TRAENDLY & SCHENCK
Choice Cut Flowers
131 West 28th St., New York

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers
44 Madison Square

C. MILLANG
Wholesale Florist
55 & 57 W. 26 St., NEW YORK

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK
Shipments, any quantity, Wholesale Market Rates.

ROBERT J. DYSART
Public Accountant and Auditor
Simple methods of correct accounting, especially adapted for florists' use. Books Balanced and Adjusted

28 STATE ST. :: BOSTON
Telephone, Main 55.
ing quantities as formerly. Carnations are daily gaining in length of stem and size of bloom. The miscellaneous stock this week includes cosmos, the first dahlias, a few sweet peas, celosia, golden rod, etc. Some very good lily of the valley is now offered.

Most everybody is on the deck again and we hope to see him and her back before we all are hustling again. Considering the many fall weddings in view this wish is quite certain of fulfillment. The quality of flowers, especially roses, is greatly improved over two weeks ago but prices remain about the same. Gladioli are giving out in quantity but are heavy in quality. This was a good year for amateurs in asters. They brought the best to the market and therefore found ready sales for them in stores.

The market keeps up oh! so sluggish with a gradually increasing amount of stock which becomes more difficult to move. Prices remain in almost every instance the same as those of the last week, the only difference being a larger variety to choose from. There are numerous pretty things to be had that would surely tend to increase the customers those there to see or the passersby disposed to buy, but the rule is to reflect the sail and go close to the wind—and the only wind is the hot air. For the matter of five dollars one can get an immense show of gladioli, hydrangeas, lilies and other very showy and useful outdoor flowers and as far as roses—well, it just depends on what you want them for.

PHILADELPHIA beginning to fix up for the market which is now—making the interiors attractive—paying some attention to their window displays, and carrying more stock than usual. For some time back it has been a case of keeping little if anything on hand, and running around to the wholesalers whenever a little order was necessary. But this has changed for the better, and trading from now on will be more satisfactory in every way. The present is the first week of the dahlia season and while they reach us in a "no demand" market their advent is a diversion and gives an air of novelty to the situation. So far the stock is as a rule short-stemmed. Among the principal varieties seen around are White Swan, Arabella, Lyndhursi, Mrs. Jones, Kriemhilde, Sylvia and Storm King. Asters continue very good and are the mainstay where good stock is wanted in quantity. Carnations are getting a little better; but they are still far from occupying an important place in the market. There are some pretty good American Beauty roses arriving from local sources which are all right except in color. In the latter respect the Eastern grown stock is still much brighter. Mrs. Aaron Ward and Prince of Bulgaria are pleasing additions to the regular list of roses, and seem to meet with good sale. Lily of the valley and longiflorum lilies are in fair demand and of excellent quality. There is plenty of both. The receipts from the gladiolus farms have slackened up very considerably and we do not expect them to remain with us much longer. Orchids are very still severe. Trittomas are in evidence but there is not much demand for these as yet. This will come later. Greens very slow.

With the two dull months gone the local trade is looking for more steady trade and they surely need it as the last two months have been mighty dull with them. The wholesalers are looking for a better market from now on as stock is coming in of better quality. The market is in about the same condition as the week previous as to stock, prices and demand. Only the very best quality of roses finds any demand. Beauties are plentiful. There are plenty of paragos and ferns to be had at usual prices.

The sale of stalls of the Boston Flower Exchange on Sept. 2, was the most successful in the history of the market, almost every stall being sold, and prices ruled the highest on record. This market is receiving an abundance of almost every kind of stock but demand is light.
Buyer's Directory and Ready Reference Guide

Advertisements under this head, one cent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Buyers failing to find what they want in this list will confer a favor by writing us and we will try to put them in communication with reliable dealers.

ACCOUNTANT
R. J. Dyar, 25 State St., Boston.
For page see List of Advertisers.

AMARYLLIS
For page see List of Advertisers.

AMELopsis
Amelopsis Veitchii, 4-in., 25c each; $2.00 per dozen.
Amelopsis Engelmanii, 4-in., 20c each; $3.00 per dozen.

APPLE STOCKS

AZALEACS
For page see List of Advertisers.
A. N. Thielen, 1612 Ontario St., Philadelphia.
For page see List of Advertisers.
Arunacula excelsa, 5-in., 4 dugs, 75c each; $9.00 per dozen.

ASPARAGUS
For page see List of Advertisers.
A. T. Roddick, 3334 St. N.Y.
For page see List of Advertisers.
Asparagus scindicus, 5-in., 1.50 per doz.
Asparagus Spraguei, 4-in., 1.50 per doz.; $10.00 per 100; $85.00 per 1000; 50c at 25c rate.
Asparagus plumosus, 2-in., 3.00 per 100.

ASTER SEED
Elmer D. Smith, Adrian, Mich.
For page see List of Advertisers.

AZALEAS
P. Owerkerk, Holoken, N. J.
For page see List of Advertisers.
Loomer & Co., New York, N. Y.
For page see List of Advertisers.

BAY TREES
For page see List of Advertisers.
Bobblin & Atkins, Rutherford, N. J.
For page see List of Advertisers.
Bay Trees and Box Trees, all sizes from 10-foott to 4-foot Head Liner.
Julius Roche Co., - Rutherford, N. J.

BEGONIAS
For page see List of Advertisers.
Thomas Boulard, Nahant, Mass.
Lorraine Begonias.
For page see List of Advertisers.

BEREIKS THI NKIL
W. W. Hunt & Co., Hartford, Conn.

BERRY PLANTS
Jerusalem cherries, field-grown, 4-in., $1.00 per 100.
Christmas pears, 4-in., extra fine, $16.00 per 100; 5-in., $20.00 per 100.

BOILERS
Kroeber Bros. Co., 466 Erie St., Chicago.
For page see List of Advertisers.

BOXWOOD TREES
For page see List of Advertisers.

BULBS AND TUBERS
Joseph Breck & Sons, 465 N. Market St., Boston.
For page see List of Advertisers.

CARNATIONS
-Krebs & Chass, West Yarmouth, Y. M.
For page see List of Advertisers.

CARNATIONS—Continued
Krebs & Chass, West Yarmouth, Y. M.
For page see List of Advertisers.

CHRYSANTHEMUMS
Elmore D. Smith, Adrian, Mich.
For page see List of Advertisers.

CHRYSTALLUS
For page see List of Advertisers.

COCONUT FIBRE SOIL
For page see List of Advertisers.

CROTONS
Crotons, 24-in., $1.00 per dozen; 50c. $1.50 per 50; 25c. $3.00 per 25. The Geo. Wiltbood Co., Chicago, Ill.

CYLAMEN
Cymalm—Best Varieties in different colors. 3 inch pots, strong plants, $1.00 per 100, $9.00 per 1000. Julius Roche Company, Rutherford, N. J.

DAHLIAS
Herbert, Acton, N. J.
For page see List of Advertisers.

DAHLIAS—5000 field clamps—latest varieties—cheapest for cash, or on account. R. Vincent & Sons Co., White Marsh, Md.
For page see List of Advertisers.

For List of Advertisers See Page 384
FLORISTS' SUPPLIES
N. F. McFarland & Co., 84 Hawley St.,
Boston. For page see List of Advertisers.

F. Mooney & Sons, 109 Sawyer St.,
Boston. For page see List of Advertisers.

H. MacKenzie & Co., 74 Cambridge Ave.,
Cambridge, Mass. For page see List of Advertisers.


 mentors, F. R. Pierson Co., 304 Bush St.,
San Francisco, Calif. For page see List of Advertisers.

C. H. Hawley & Co., 100 W. Madison St.,
Chicago. For page see List of Advertisers.

F. Schumacher & Co., 215 S. Michigan Ave.,
Chicago. For page see List of Advertisers.

F. H. Harlow & Sons, Whitman, Mass. For page see List of Advertisers.

F. Schumacher & Co., 906 Quincy St.,
Washington, D.C. For page see List of Advertisers.

H. E. Young & Co., 320 West 27th St.,
New York. For page see List of Advertisers.

A. T. Stearns Lumber Co., 925 Broadway,
Boston, Mass. For page see List of Advertisers.

J. C. Muinenger Co., 117 East Blackhawk
St., Chicago, Ill. For page see List of Advertisers.

Foley Mfg. Co., Chicago. For page see List of Advertisers.

S. Jacobs & Sons, 155-55 Flushing Ave.,
Brooklyn, N. Y. For page see List of Advertisers.

Lord & Burnham Co.,
1133 Broadway, New York. For page see List of Advertisers.

Foley Mfg. Co., Chicago. For page see List of Advertisers.

Keg Construction Co., N. Tonawanda, N. Y.
For page see List of Advertisers.


Hitchings & Co., 110 Broadway, N. Y.
For page see List of Advertisers.

Lord & Burnham Co.,
1133 Broadway, New York. For page see List of Advertisers.

Fischer & Reed Pottery Co., Zanesville, Ohio. For page see List of Advertisers.

The Gen. Witthold Co.,
Edgebrook, Chicago, Ill. For page see List of Advertisers.

New England Nurseries, Bedford, Mass. For page see List of Advertisers.

Philadelphia, Pa. For page see List of Advertisers.

The George Witthold Co., Chicago, Ill. For page see List of Advertisers.

A. Leutty & Co., Easton, Pa. For page see List of Advertisers.

For page see List of Advertisers.

Anderson's ferns for in and outdoor流通 largest commercial collection in the country. Write for descriptive catalogue. D. Anderson, Fern Specialist, Shot Hills, N.J.

Boston. Ferns 6-in. pots, 50c, each.
3-in., 25c each; 2-in., 20c each; 1-in., 15c each.
Ferns 5-in. pots, 35c, each:
5-in., 25c each; 4-in., 20c each; 3-in., 15c each.
Box of 50, 1.25. For prices on larger quantities, please.
Queen City Floral Co., Machesney, III.

FERTILIZERS
30th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

Unized Munsie Co., 21 Union St.,
Boston. For page see List of Advertisers.

Wizard Brand Cattle Manure.
Hardwood ashes, best fertilizer on earth for keeping up soil. George Stevenson,
Petersborough, Ont., Canada.

NEW YORK.
Ferns, for fern lovers. Variety of varieties.
2-in., $1.00 per dozen or 25c each.
3-in., $1.50 per dozen or 25c each.
4-in., $2.00 per dozen or 25c each.
5-in., $2.50 per dozen or 25c each.

Boston ferns, 2-in., $1.00 per 100, 25c per
3-in., $1.50 per 100, 30c each.
4-in., $2.00 per 100, 35c each.
100, 50c each. 500, 65c each. 1,000, 75c each. 2,000, 85c each.

Boston, Mass. For page see List of Advertisers.

Standard Plate Glass Co., 20-30 Dudley
St., Boston. For page see List of Advertisers.

Glass.—Continued
Foley Mfg. Co., Western Ave., between
30th and 31st Sts., Chicago. For page see List of Advertisers.

Sharp, Partridge & Co., 222 and Lumber
St., Chicago. For page see List of Advertisers.

Parakovsky Bros., Inc., 50 Montrose Ave.,
Chicago. For page see List of Advertisers.

Metropolitan Material Co., 1332-1402
Metropolitan Ave., Chicago, Ill. For page see List of Advertisers.

Greenhouse glass, lowest prices.
Johnston Glass Co., Jersey City, Ind.

GLAZING POINTS
Peerless Glazing Point. For page see List of Advertisers.

GOLD FISH
Gold fish, aquarium plants, snails, crusta-
caces, glass aquarium fish, foods, etc.
Franklin Barrett, breeder, 1415 N. St., Phila., Pa. For page see List of Advertisers.

Lambert & Co., 45-51 Broadway, New York. For page see List of Advertisers.

in writing to Advertisers kindly mention Horticulture.
HORTICULTURE

September 9, 1911

NURSERY STOCK—Continued

Loechner & Co., New York, N. Y. For page see List of Advertisers.

TREES, SHRUBS, ROSES, EVERGREENS, PLANTING, HARDY PLANTS, ELLIOT & HARRY, ROCHESTER, N. Y. Mammal of the Trees of North America, by C. S. Sargent, mailed to your address for $2.00. Students Publishing Co., 14 Hamilton Place, Boston.

ONION SETS

Leonard Seed Co., Chicago, Ill. For page see List of Advertisers.


Egyptian Winter Tep onion sets, good stuff. J. W. Harman, Nashot, N. II.

ORCHID FLOWERS

Jas. McNamara, New York, N. Y. For page see List of Advertisers.

ORCHID PLANTS

Lager & Harrell, Summit, N. J. Fresh Imported and Established Orchids. For page see List of Advertisers.

Ordonez Bros, Madison, N. J., Box 106. For page see List of Advertisers.


Orchids—largest stock in the country that grown plants for private collection Julius Roehrs Co., Rutherford, N. J.

Orchid Growers' Manual. By R. S. Williams. 200 Blank sheets, 800 pages; descriptions of up to 5000 species and varieties of orchidaceous plants, etc. The most complete work on Orchids and orchid culture ever published. Price $10.00. Orders filled by HORTICULTURE, 11 Hamilton Place, Boston.

Edward V. Love, late of Hugh Love & Co., discloses that the late Hayward Heath, England. White Cattleyas and Cattleya Cypripediums are leading features.

PALMS, ETC.

Phoenix floridana. 4 in., 50c, 5 each, $6.00 per doz.; 2 in., 5 each, $3.00 per doz.; 1 1/2 in., 5 each, $2.00 per doz.; 1 in., 2 each, $1.00 per doz.

Phoenix roebelenii. 5 in., $2.00 each; 7 in., $2.50 each.

Lanical pittleri. 3 in., 5c, 3 each, $1.00 per doz. 2 in., 5 each, $1.50 per doz.; 3 in., 5 each, $2.00 per doz. 4 in., 5 each, $3.00 per doz.; 5 in., 5 each, $4.00 per doz.; 6 in., 5 each, $5.00 per doz.

Karlo belmorensis, 2 1/2 in., 50c each; 3 in., $1.00 each; 4 in., $2.00 each; 5 in., $3.00 each; 6 in., $4.00 each; 7 in., $5.00 each; 8 in., $6.00 each; 9 in., $7.00 each; 10 in., $8.00 each.

Karlo kwitseriana, 2 1/2 in., 50c each; 3 in., $1.00 each; 4 in., $2.00 each; 5 in., $3.00 each; 6 in., $4.00 each; 7 in., $5.00 each; 8 in., $6.00 each; 9 in., $7.00 each; 10 in., $8.00 each.

Cyperus revolutus, the well known sago palm. 4 in., 5 each, $1.25; 5 in., 5 each, $2.00; 6 in., 5 each, $3.00; 7 in., 5 each, $4.00; 8 in., 5 each, $5.00; 9 in., 5 each, $6.00; 10 in., 5 each, $7.00.

Pandanus utilis, 3 in., $2.00 each.

The Geo. Withfield Co., Edgewood, Baltimore, Md.

L. A. Leuty & Co., Perkins St., Nurseries, Rosedale, Md. For page see List of Advertisers.


John Scott, Brooklyn, N. Y. For page see List of Advertisers.

Julius Roehrs Co., Rutherford, N. J. For page see List of Advertisers.

Joseph Flecknoe, Wyncote, Pa. For page see List of Advertisers.

Loechner & Co., New York, N. Y. For page see List of Advertisers.

PAPER POTS

Paper Pest. 20 in. 2 1/2 in., $4, 2 in., $3. 2 1/2 in., $4; 2 in., $3. Shipped flat, low freight rates. Crosby & Son, Catonsville, Baltimore, Md.

PATENTS

Nuggets & Siggers, Washington, D. C. For page see List of Advertisers.
SPHAGNUM MOSS
The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

White sphagnum moss, orchid peat, and orchid baskets always on hand. Leger & Harrell, Sunbury, Pa.

Tea balls sphagnum moss, $7.00, 25, J. K. Jewett Co., Sparks, Min.

SPRAYS
Chas. J. Jagor Co., Boston, Mass.

STEVIES
Steves, 2 in. cut back one, $3.00 per 100, cash. M. F. Enders Co., 25 Barnett St., Providence, R. I.

STRAWBERRY PLANTS
H. F. Dow, Albion, Mich.

TREE RENOVATION
John T. Withers, Inc., Jersey City, N. J. For page see List of Advertisers.

VALLEY PIPS
Hjalmar Hartmann & Co., Coppenhagen, Denmark.
For page see List of Advertisers.

Loocher & Co., New York, N. Y. For page see List of Advertisers.

VEGETABLE PLANTS
Warren Shinn, Woodbury, N. J.

VENTILATING APPARATUS
Foley Mfg Co., Chicago.
For page see List of Advertisers.

The Advance Co., Richmond, Ind.

Improved Ventilator Arm.
For page see List of Advertisers.

WIREWORK
Reed & Keller, 122 W. 25th St., N. Y.
For page see List of Advertisers.

J. Jansky, Boston, Mass.
For page see List of Advertisers.

Wireworks. Write for our catalogue.
Holton & Humke Co., Milwaukee, Wis.


WIRED TOOTHPICKS
W. J. Cowen, Berlin, N. Y.
For page see List of Advertisers.

WOOD PRESERVATIVE

WHOLESALE FLOWERS
Boston
N. F. McCarthy & Co., 81 Hawley St. For page see List of Advertisers.

The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

J. Halprin & Sons, Baltimore, Md.
For page see List of Advertisers.

Hjalmar Hartmann & Co., Coppenhagen, Denmark.
For page see List of Advertisers.

SNIPHDAGONS
GIANT WHITE and YELLOW, one plants in 2¼-inch pots ready to ship, $2.50 per 100; 3½-inch plants, 90c. each to wholesale. Pleasont View Nurseries, North Tewsbury, address Frank P. Putnam, Lowell, Mass.

SPALMACS
Salooma acutispatha, 6 ft. strong, 50c. each, $1.25 per dozen.

WHOLESALE FLOWERS—Continued
Chicago Flower Growers' Association, 775 N. Michigan Ave.
For page see List of Advertisers.

Cleveland, Ohio
The J. M. McCullough's Sons Co., 516 Walnut St.
For page see List of Advertisers.

Cromwell, Conn.
A. N. Pleason, Cromwell, Conn.
For page see List of Advertisers.

Detroit
Michigan Cut Flower Exchange, 38 and 40 Broadway.
For page see List of Advertisers.

New York
M. C. Ford, 121 W. 28th St., New York. For page see List of Advertisers.

H. E. Fowens, 57 W. 28th St., New York. For page see List of Advertisers.

H. C. Horn, 55 W. 28th St., New York. For page see List of Advertisers.

A. H. Langhans, 130 W. 25th St., New York. For page see List of Advertisers.

James McManus, 55 W. 28th St., New York. For page see List of Advertisers.

W. F. Sheridan, 25 W. 28th St., New York. For page see List of Advertisers.

Wis. H. Kuebler, 25 W. 8th Street, Brooklyn, N. Y.
For page see List of Advertisers.

Moore, Hentz & Nash, 55 and 57 W. 28th St., New York. For page see List of Advertisers.

Greater New York Flower Growers' Association, 102 Livingston St., Brooklyn, N. Y. For page see List of Advertisers.

Charles Milling, 55 and 57 West 26th St. For page see List of Advertisers.

P. J. Smith, 49 West 26th St., N. Y. For page see List of Advertisers.

Frank Milling, New York, N. Y. For page see List of Advertisers.

Trendley & Schenk, New York, N. Y. For page see List of Advertisers.


Siebrecht & Siebrecht, 128 West 26th St., New York. For page see List of Advertisers.

Philadelphia

The S. S. Pernack-Mechn Co., 1669-17 Ludlow St., Philadelphia, Pa. For page see List of Advertisers.

Rochester, N. Y.
George B. Hart, 24 Stone St. For page see List of Advertisers.

Little Ads Bring Big Returns
Little ads in our Classified Columns bring big returns to both advertiser and purchaser. Anything that can be sold to florists, gardeners, park and cemetery superintendents, etc., can be sold through this medium in this department, and at very small cost. Don't fail to read them each issue, for you will find one or more that will prove profitable to you.

They Cost Only One Cent a Word Undisplayed
List of Advertisers

Horticulture:

Thompson, C. 379
Dunlap, 0. 379
B. 379
McKinley, E. 379
McCord, J. F. 379
M. 379
McNeely, R. 379
Taylor, A. 379
Towner, L. E. 379

Valentine, J. A. . 379
Wilson, F. C. 379
Viecelli, J. 379
Vincent, A. J. 379
W. & Sons 379
W. 379
Wade 379
Ward, R. M. & Y. 379
Welch Bros. 379
Zinn, J. A. 379

Make the Farm Pay

Complete Home Study Courses in Agriculture, Horticulture, Floriculture, Ornamental Gardening, Forestry, Poultry Culture, and Seed Culture. Over one hundred Home Study Courses under Fred, Brooks of the Maas, B. Award. Cornell University and other competent teachers. Over one hundred Home Study Courses under able professors in leading colleges.

250 page catalog free.—Write today.

The Home Correspondence School

WANTS, FOR SALE, ETC.

Advertisements in this column one cent a word. Initials count as words.

HELP WANTED

WANTED.—A foreman at our packing house who has had experience in packing pigs and fish and who will keep sober. Must be married man preferred. Position fairly decent, start near the packing house. Harrison Nurseries, Berlin, Md.

SITUATIONS WANTED

SITUATIONS WANTED by young man, German, 25, to learn trade; best references. Strong hearing experience. Address Box 147, Veylon, Minn.

FOR SALE

FOR SALE—Yeast from factory, new 10 x 12, 16 x 18, 16 x 24, double thick, a, b and c qualities. Market dropped. Now is the time to buy and save money. Parbery Bros., Inc., 59 Montrose Ave., Brooklyn, N. Y., cash with order. All correspondence addressed “care Horticulture” should be sent to 11 Hamilton Place, Boston.

WHOLESALE BULBS CATALOGUE


SEPTEMBER STRAWBERRY PLANTS

Warren Shinn, Woodbury, N. J. For price list see page 153.

PUBLICATION RECEIVED

The Annual Report of the American Seed Trade for 1911, which has just been issued by Secretary C. E. KundeI is a book of 124 pages, very complete in its contents and typographically handsome. A report of President E. L. Page makes an appropriate frontispiece. The proceedings at the 29th annual convention held at Marblehead, Mass., last June, are included in full. The list of members contains 179 names.

The Gardeners’ Supply Co. is the name of a new company with office at 449 Old South Building, Boston, and storehouse and greenhouse at Jamaica Plain, Mass., last August. Formerly with Schlegel & Potter Co., is the manager. They deal in seeds, bulbs, plants, fertilizers, etc.

Horticulture:

Please discontinue ad. as we are all sold out.

Morel Bros., Scranton, Pa.
THE NEW MINERAL FERTILIZER

Will produce
MORE
and
LARGER
FLOWERS

and of better
color than any
plant food ever
put on the mar-
et.

Contains all of the
original elements
of virgin soil

The above cut shows hollyhocks, nine feet six inches high, with more blossoms and
of better color than ever produced by any other fertilizer.

Write for catalogue and testimonials.

THE NEW MINERAL FERTILIZER CO.

18 EXCHANGE PLACE,
BOSTON, MASS.

Tobacco Paper

“NICO-FUME” LIQUID

OVER 40% NICOTINE

by far the
CHEAPEST.

JUST NOTE PRICE !

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pint</td>
<td>$1.50</td>
</tr>
<tr>
<td>½ Gallon</td>
<td>$2.50</td>
</tr>
<tr>
<td>Gallon</td>
<td>$4.00</td>
</tr>
<tr>
<td>5 Gallons</td>
<td>$21.25</td>
</tr>
</tbody>
</table>

Furnishes the
Most Nicotine for the Money

The most effective and
economical material
there is for spraying plants and blooms.

NIKOTEEN

The most effective and
 economical material
there is for spraying plants and blooms.

NIKOTEEN

leaf tobacco, and care-
fully refined. It is clean and easy to apply.

NIKOTEEN

NIKOTEEN APHIS PUNK

Specially prepared for fumigating closed
houses. It vaporizes the nicotine evenly
and without waste. Nothing keeps a
house free from Aphids so cheaply.

To-Bak-Ine Products Kill Bugs

You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting
Powder (Booklet—Words of Wisdom—free).

Use any form you choose but buy it of

E. H. HUNT, 131 N. Wabash Avenue, Chicago

Wilson Plant Oil &
Fertilizer Company

150 Nassau Street, NEW YORK CITY
Horticultural Supplies

The Best
Bug Killer and
Bloom Saver

For PROOF
Write to
P. R. Palethorpe Co.
OWENSBORO, KY.

Imp Soap Spray

Clean and odorless. Forms invisible films.
Non-corrosive. Usual effective
strength, one to thirty-two.

Single gallons, $1.50
In barrels, $1.00
Horticulture
September 9, 1911

For "Pot Luck" Try Us...

Hews Standard Pots

News Notes.

Kalamazoo, Mich.—The Central Nursery Floral Co. has retired from business.

Owasso, Mich.—John Schneider has sold greenhouses to M. A. Herrick of Durand, Mich.

Denver, Colo.—Greenhouses at 2122 Hooker street have been leased by James Hamlin, who will start business there.

Newark, N. Y.—The Jackson & Perkins Co. is contemplating a 60x160 frost-proof warehouse for storage of nursery stock.

Hot Springs, Ark.—J. F. Howard has sold his greenhouses and other property on Harrell avenue to the C. H. Johnson Floral Co.

Madison, Wis.—The Capital City Greenhouse Company has filed an amendment increasing its capital stock from $15,000 to $50,000.

Stouffville, Ont., Can.—The Stouffville Floral Co. has purchased the business of Brillinger & Meader. Robert Rae is manager of the new company.

Addison, Ill.—It is reported that a Hinsdale nurseryman has purchased 50 acres of land south of the town upon which he will erect an extensive range of greenhouses.

Pittsfield, Mass.—An elaborate Italian garden is to be constructed for William H. Walker, on his Brookside estate. $50,000 or more is to be expended, mainly for marble fountains and other ornamental work.

Wayland, O.—Among the most successful gladiolus growers in the country is Mrs. A. H. Austin of this town. From a very small start a few years ago Mrs. Austin has developed her business until the number of bulbs now growing exceeds a million. The bulbs are grown in rows three feet apart and about fifty rods in length. The stock this year includes a large number of seedlings from hand-fertilized seed. The soil is a clayey loam which has been farmed for about 100 years.

We learn from the Bulletin of Foreign Plant Introductions issued August 25, 1911, by the Bureau of Plant Industry, at Washington, that Frank N. Meyer, the noted explorer and plant collector arrived at Omsk, Siberia on July 2, after a trip into the Altai mountains where he had collected a quantity of material for the Agricultural Department.

Dreer's "Riverton Special" Plant Tub

For catalogue and discounts, write for catalogue and discounts.


Manufactured for us exclusively. The best tub ever introduced. The neatest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handles.


1000 ready packed crates

Standard flower pots and bulb pans

Sold per crate.

2000 13/4 in. @ $5.00 500 4 in. @ $1.50

1500 2 3/4 in. @ 4.50 250 2 1/4 in. @ 3.50

1500 2 1/4 in. @ 4.00 200 2 in. @ 2.50

1000 1 3/4 in. @ 3.50 100 1 1/2 in. @ 3.00

Hillinger Bros., Potter, Fort Edward, N. Y., August Roller & Sons, 31 Burley St., N. Y. City Agents.

Our specialty—long distance and export trade.

Syracuse Red Pots

"A little pot is soon hot," likewise a thin pot. This will save you fuel. Our pots are the thickest and toughest owing to the superior quality of the clay.

Syracuse Pottery Co., Sycusue, N. Y.

Standard Flower Pots

If your greenhouses are within 500 miles of the Capital, write us, we can save you money.

W. H. Ernest
28th & M Sts., Washington, D. C.

All The Clay

For our Florist's Red Pots

is prepared by passing through a screen 1000 meshes to the square inch. If in a hurry for pots, order from us.

The Peters & Reed Pottery Co., Zanesville, Ohio.

Patents

Trademarks and Copyrights

Send your business direct to Wash ago. Saves time and assures better service. Personal attention guaranteed. Twenty-five years active service. SPECIALTY: "Working on the Failures of Others."

Giggers & Sigers

Patent Lawyers
Box 9, National Union Building Washington, D. C.


KROESCHELL BOILER

Half the Coal and Half the Work.

"Your No. 13 boiler is carrying 25,000 sq. ft. of glass and I can keep it at 60 degrees in the coldest weather without any trouble. I have three other types of boilers also heating a range of 25,000 sq. ft. of glass, but the No. 13 Kroeschell Boiler ONLY TAKES HALF THE COAL and half the work to get the same results."  

P. S.—Mr. J. G. Frisz, of Vincennes, Ind., has the largest range of glass in Indiana devoted to vegetable forcing.

KROESCHELL BROS. CO., 466 W. Erie St., Chicago, Ill.

LOUISIANA RED CYPRESS
GREENHOUSE MATERIAL

TELE GUTTERS, TRUSSES, PURLINS, PIPE, FITTINGS, GLASS, Etc.
PRIVATE AND CONSERVATORY WORK A SPECIALTY.

The Foley Manufacturing Co.,
Western Ave. and 26th St., CHICAGO

GLASS

"Cheap as Dirt"

Have you had any prices on greenhouse glass, lately?  
Write us at once for our quotations.  
We'll surprise you.  
Take advantage of the drop in book orders for future deliveries.  
Our glass all new and fresh from factory.  
Hot-bed sash and greenhouse material, dropped too.

PARCHELSKY BROS., CO.
50 Montrose Ave., BROOKLYN, N.Y.

CYPRESS SASH BARS
32 feet or longer
HOT BED SASH

PECKY CYPRESS BENCH LUMBER
GREENHOUSES
ERECTED AND EQUIPPED COMPLETE IF DESIRED

Write for Circular "D" and Prices

The A. T. STEARNS LUMBER CO.
NEPONSET, BOSTON, MASS.

GREENHOUSE CONSTRUCTION LUMBER

John C. Moninger Co.
117 E. Blackhawk St., CHICAGO.

Why Purchase an ordinary ventilating apparatus such as was used ten years ago, when you can obtain an up-to-date one, with all those conveniences necessary to easy operation?  
Mail us postal with your name and address and we will gladly send you catalog with descriptions, illustrations and net prices of our line.

THE ADVANCE CO.,
Richmond, Ind.

KING GREENHOUSES

THE BEST IS NONE TOO GOOD FOR YOU SO GET THE BEST.
WRITE FOR OUR BULLETINS AND QUESTION BLANKS TO EXPRESS YOUR REQUIREMENTS.

KING CONSTRUCTION CO.

Home Office and Factory
N. TONAWANDA
N. Y.

Eastern Sales Office
No. 1 MADISON AVE.
NEW YORK

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
2630 Sudbury St.  BOSTON, MASS.  61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.
CHICAGO, ILL.

BOSTON PLATE & WINDOW GLASS CO.
Greenhouse Glass
GERMAN AND AMERICAN
261 to 271 A.S.L.  BOSTON  20 to 22 Canal St.

LET US QUOTE YOU ON NEW AND SECOND-HAND
Boilers, Pipe, Fittings, Glass, Greenhouse Lumber, Tools, Sash, Etc.

METROPOLITAN MATERIAL CO.
1599-1615 Metropolitan Ave., Brooklyn, N. Y.

TO BUYERS
Patronize our advertisers, they will treat you right.
And This Is That Snug Little House on Mrs. C. A. Armstrong's Grounds at Greenwich, Conn. Alexander Shaw Is The Gardener

YES, it is right handy by the residence—not more than 100 feet from it. And say what you will, that's the way it should be, when conditions make it possible. What's the use of having an inside garden way off out of reach? You don't locate the outdoors flower garden that way.

We come out strong on this nearly hearing opinion, because we believe that it is not only an advantage to the owner, but a decided one to the gardener.

It's only plain common sense that your employer will keep up a stronger interest in you and what you are doing if it is not a step to run in and look through the house. The more interesting you make it for him, the more interested he will be in you; the more valuable you become, and the sooner are your chances for advance and the securing of more houses. (Read that again.) And it's every gardener's ambition to secure both. When it comes to making such additions you will particularly need our services. Need them because a house located near the residence requires careful designing and planning.

Lilium Harrisii
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japanese-bred *longiflorum*, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 6-7 inch, as usually offered.

6-7 inch bulbs, 325 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.

7-9 inch bulbs, 200 to the case, $16.00 per case; full thousand lots, $75.00 per 1,000.

9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.

**Ferns**

We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersomi, 6 in. pots .......................................................... $0.50 each

Nephrolepis Elegantissima, Piersomi. Bostoniensis, and Harrisii, heavy 8 in. plants ........ $1.00 to 1.50 each

Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10 in. plants ............... 2.50 each

**F. R. Pierson Company, Tarrytown-on-Hudson, New York**
Deutzia discolor major
“IT’S RICE FOR QUALITY AND PRICE.”

RICE STANDARD CYCAS

Here’s a novelty. An everlasting cycas that is a fresh leaf, chemically treated by a new patented process which conserves all its natural beauty of form and color and avoids even the slightest appearance of artificial methods. Not the old, cheap painted or varnished cycas. The pinnae are superbly regular, clean and shapely. RICE STANDARD CYCAS is springy and thoroughly flexible to the touch. It is superior to fresh leaves, having all of nature’s charms and none of her faults. Will not fade or shrink. This rice wonder merits your serious consideration. It saves you money. Write to-day for samples and prices. Introduced and sold exclusively by

M. RICE & CO. 1220 Race St. PHILADELPHIA

The Leading Florists’ Supply House and Ribbon Specialists

CATALOGUE ON REQUEST.

TIME TO START UP

We Need Room. Come and See the Stock.

Lorraine Begonias, Poinsettias, Cyclamen, Chrysanths, in pots, Primulas, Genistas, Aracarias, Palms, Asparagus plumosus and Sprengeri, Boston Ferns, Adiantums, Mixed Ferns, Cycas. All First Class Stock.

WRITE FOR PRICES:


PALMS, FERNs, DECORATIVE AND FOLIAGE PLANTS

Also Azaleas, Begonias, Bay and Box Trees

A. LEUTHY & CO.

Parklis Street Nursery, Rutland, - Boston, Mass.

Price list on application.

PALMS, FERNS AND DECORATIVE PLANTS

JOHN SCOTT

Rutland Road and E. 45th St.

Tel. 150 Bedford BROOKLYN, N.Y.

FRANK OECHSLIN

4911 Quiney St. - CHICAGO, ILL.

BEST PALMS

All Varieties. All Sizes. Send for Price List

Joseph Heacock

Wyncote, Pa.

Ferns for Dishes

Assorted varieties, 2-in. pots. $3.50 100;

$30.00 1,000; 500 at 1,000 rate.

Cash with order

Boston Ferns

4½ inch from bench...........Each 10c

2½ inch from bench...........Each 7c

2½ inch from bench, $30.00 per

1000

Irons of Whitmanii

2½ inch, $1.00 per 100, $40.00 per 1000

Nephrolepis Magnifica

2½ inch .....................$1.00 per 100

$2.00 per 100

We Stand Back of Our Goods and Guarantee Sale Arrival of Shipments to All Parts of United States and Canada.

HENRY H. BARROWS & SON

Whitman, Mass.

Araucaria Excelsa

5 in., 3 to 4 tiers, 30c. and 50c.; 5½ to 6 in., 4, 5 and 6 tiers, 60c., 75c. and $1.00; 7 in., 25, 30, 40 and 50 in. high, for lawns and porches, $1.50 to $2.00.

Cash with order, please.

Godfrey Aschmann

Wholesale Grower, Shipper and Importer of Pot Plants

1012 West Ontario St., PHILADELPHIA, - PA.

ROBERT CRAIG CO.

ROSES, PALMS,

and Novelties in Decorative Plants

MARKET and 49th STREETS, PHILADELPHIA, PA.
CANNAS

We have an excellent prospect of a fine crop of roots for next season delivery, at $2.00 per 100, $15.00 per 1000, and up. Can furnish you 50,000 roots of some kinds.

READY FOR IMMEDIATE SHIPMENT

2in. per 100 3 in. per 100

Alpinia, Giant Double... $2.00  $3.00
Achimenes Eversum... 2.00  3.00
Achimenes, 6 varieties... 2.00  3.00
Achimenes, Jewel... 2.00  3.00
Colous, Golden Bedder, Verschaffeltii... 2.00  3.00
Colous, Brilliant... 2.00  3.00
Geraniums, Standard Varieties... 2.00  3.00
Helietrope, Chief... 2.00  3.00

Lemon Verbena... 2.00  3.00
Lantana, 10 Varieties... 2.00  3.00
Meconias, Noctiflora... 2.00  3.00
Petunias, Double Mixed... 2.00  3.00
Salvia, Grandiflora... 2.00  3.00
Seneio Scandens, Paker Ivy... 2.00  3.00
Swainsona, Alba... 2.00  3.00
Tradescantia, Zebra... 3.00

R. VINCENT, JR., & SONS CO, White Marsh, Md.
Growers of Plants for the Trade

NEW ROSES

Originated by Jackson Dawson

Lady Duncan, Dawson, Daybreak, Farquhar, William Egan; and Minnie Dawson

WRITE FOR PRICES

We carry a very large stock of Fine Conifers, Deciduous Trees and Shrubs and Hardy Herbaceous Perennials

Send for Our New Illustrated Catalogue

EASTERN NURSERIES

JAMAICA PLAIN, MASS.

Henry S. Dawson, Mgr.

ROSES

OWN ROOT—FNE STOCK

White Killarney from 3 in. pots... $8.00
Richmond... $6.00 per 1,000.

Pink Killarney, Chatelain, Kainrin.
Peries, Sunrise, Sunset, from 3 inch pots... $8.00
Bride, Bridesmaid, Golden Gate... $60.00 per 1,000.

GRAFTED

Fine Stock, 3 inches pots... $15.00 per 100
Pink Killarney, White Killarney, Bride, Bridesmaid, Kainrin, My Maryland.

WOOD BROS., Fishkill, N.Y.

CARNATIONS

FIELD GROWN

FINE, HEALTHY STOCK

Per 100 Per 1000

Enchantress $7.00
Rose Pink Enchantress
Bay State
Georgia
Mrs. T. W. Lawson Red Lawson Variegated Lawson
White Lawson Wisor

CARNATIONS

FIELD-GROWN, STRONG, HEALTHY STOCK

300 Mrs. T. W. Lawson 100 O. P. Bassett... $6.00
200 Beacon... $6.00
250 Beacon, very large plants... $8.00
500 Pink Delight... $8.00

BOUVARDIA HUMPOSTTI

$10.00 per 100; $75.00 per 1000

JOHN W. FITE

READING, MASS.

HERBERT, ATCO, N. J.

DAHLIAS Every Day in the Year

200,000 field clumps at $5.00 per 100, $40.00 per 1000 and up. Write us for list. Let us book your order so as to be sure of the varieties.

ALTERNANTHERA JEWEL

Stock Plants, 2½ inch, $20.00 per 1,000 Rooted Cuttings, . . . $10.00 per 1,000

This is by far the finest Alternanthera in sight and you should stock up now for Spring sales.

CHARLES H. TOTTY

Madison, N. J.

GLADIOLUS NIAGARA

Mr. Frank Banning, Kinman, O.,
Dear Sir:—Gladiolus Niagara is now in bloom and is very fine indeed.

E. E. STEWART, Grower.

FRANK BANNING, Originator
Kinman, Ohio.

Write for prices—Stock nearly all sold.

CHRYSANTHEMUMS

AND

ASTER SEED

Elmer D. Smith & Co.

ADRIAN, MICH.

PEONIES


ASPARAGUS HATCHERI

The new Asparagus. Beats the old plum- cowe manis in every respect. From 2½-inch pots, $15 per 100.

A. N. PIERSON, Inc.

CROMWELL, . . . . . CONN.

LORRAINE BEGONIAS

Strong 2½ in. stock, ready for 3½ in.
Per 100, $15.00; 250 at $14.00 per 100.

THOMAS ROLAND,

Nahant, Mass.
Boddington's Quality Christmas and Winter-Flowering Sweet Peas

At the Exhibition and Convention of the National Sweet Pea Society of America, July 12th and 13th, 1910, we again won the C. C. Morse & Co.'s Silver Cup for the finest and best collection of Sweet Peas open to the trade only.

BODDINGTON'S QUALITY WINTER-FLOWERING SWEET PEAS

- **BODDINGTON'S EXTRA EARLY CHRISTMAS WHITE SNOWBIRD.** An exceptionally early Sweet Pea for indoor flowering—will bloom six weeks after sowing. Color true white, open long stems; habit fairly dwarf and of exceptionally free-flowering qualities. Without doubt, the finest early white for indoor planting. We sell one grower in Pennsylvania 25 lbs. of this variety every year, none on application. Oz., 50 cts.; ½ lb., $1.25; 1 lb., $2.50.

- **BODDINGTON'S CHRISTMAS PINE.** This is the earliest and most profitable and useful Sweet Pea in cultivation, as by sowing the seed under glass in latter part of August flowers can be cut from Thanksgiving on during the Winter months. Oz., 25 cts.; ½ lb., 75 cts.; 1 lb., 1.25; 2 lb., 2.50.

- **BODDINGTON'S CHRISTMAS WHITE.** A companion to the Christmas Pine. Just as free and profuse a bloomer. Oz., 15 cts.; ½ lb., 50 cts.; 1 lb., 2.50 cts.; 2 lb., 5.00.

- **BODDINGTON'S CANARY.** Similar to the above, but flowers of an exceptionally good yellow. Oz., 35 cts.; ½ lb., $1.00; 1 lb., $1.25; 2 lb., $2.00.

- **BODDINGTON'S FLAMINGO.** Color scarlet; free-flowering and early. Oz., 50 cts.; ½ lb., $1.50; 1 lb., $2.50; 2 lb., $5.00.

- **BODDINGTON'S CHRISTMAS MERRY.** Scarlet; fine open red flower. Oz., 25 cts.; ½ lb., 75 cts.; 1 lb., $1.25; 2 lb., $2.50.

- **BODDINGTON'S CHRISTMAS VIOLET.** Deep purple. Oz., 25 cts.; ½ lb., 75 cts.; 1 lb., $1.25; 2 lb., $2.50.

- **Bodden's Canary.** Similar to the above, but flowers of an exceptionally good yellow. Oz., 35 cts.; ½ lb., $1.00; 1 lb., $1.25; 2 lb., $2.00.

- **Bodden's Flamingo.** Color scarlet; free-flowering and early. Oz., 50 cts.; ½ lb., $1.50; 1 lb., $2.50; 2 lb., $5.00.

- **Bodden's Christmas Merry.** Scarlet; fine open red flower. Oz., 25 cts.; ½ lb., 75 cts.; 1 lb., $1.25; 2 lb., $2.50.


- **Miss Helen M. Gould.** White, open flower; standard blue, marbled. Oz., 25 cts.; ½ lb., 75 cts.; 1 lb., $1.25; 2 lb., $2.50.

- **Miss Josey Reilly.** Light; very large flowers. Oz., 25 cts.; ½ lb., 75 cts.; 1 lb., $1.25; 2 lb., $2.50.

**Arthur T. Boddington, Seedsman. New York.**

**B & A Specialties.**

**B. & A. SPECIALTIES.**

**Palam, Bay Trees, Boxwood and Hard Herbaceous Plants, Evergreens, Roses, Rhododendrons, Vines and Climbers, Autumn Bulbs and Roots, Conifers, Pines.**

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill Station is the second stop on Main Line of Erie Railroad.

**BOBBINK & ATKINS**

Nurserymen and Florists

**B. & A. Specialties.**

**American Grown Roses.**

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens.

**W. & T. SMITH CO.**

**Hardy Northern Grown Nursery Stock.**

We grow everything for planting the home grounds.

**General Assortment of Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.**

Our illustrated and descriptive catalogue for the asking.

**The Bay State Nurseries,**

North Abington, Mass.

**John T. Withers, Inc.**

Landscape Architect and Forester

1 Montgomery St., Jersey City, N. J.

Tree Renovation by Experts. Stereopticon lectures on Horticulture and Arboriculture.

**Box Trees and other Evergreens for Tubs and Boxes.**

Our Prices are Always Right—Catalog Free.

**The New England Nurseries, Inc.**

**Bedford, Mass.**

**Direct Importations.**

Bay Trees, Katsia, Azaleas, Valley Pips, Roses, Rhododendrons, Boxwood, Manetti, Evergreens, Jap. Lilacs, Raffia, etc., etc.

Nursery stock from France, Holland, England and Japan.

McHutchison & Co. 17 Murray St. New York, N. Y.

**Hollander Nurseries.**

Best Hardy Rhododendrons, Azaleas, Conifers, Clematis, P. T. Roses, Shrubs, and Herbaceous Plants.

P. O. Box 122, N. Y.

In writing to Advertisers kindly mention Horticulture.
Seasonable Notes on Culture of Florists' Stock

CHRYSANTEMUHS

If you want to grow your plants to the best possible advantage give them an application of liquid manure once or twice a week, as the beds will be full of roots and in a condition to stand liquid feeding. The best principle to follow in feeding is to give a little at first and increase gradually until they are getting it twice a week. This feeding can go on with all varieties until the buds show color; after that it tends to make the flowers soft and of poor keeping quality. Less spraying of the plants will now be necessary as the days are growing cooler which makes evaporation less. When the bud is taken and the stem shows signs of thickening, give less water at the roots and keep the atmosphere of a dryer nature, but this doesn't mean to let them suffer for a sufficient amount to keep them in good health. Where immense flowers of fine depth and finish are wanted, they can only be obtained by getting the wood into the right condition of ripeness. If the temperature of the house falls below 45 degrees at night it is better to have a gentle warmth in the pipes, and keep a couple of inches of air on the top ventilators than to close the house up tight. See that you have all the fly disposed of before the flowers show color.

DUTCH BULBS

To be successful in forcing these bulbs, you want a good compost. Any good loam three parts, to one part of dry cow manure, and enough sharp sand to make the compost open will grow flowers. Where the above mentioned compost is not handy, of course old carnation or rose soil that has some fresh loam and old manure added to it will answer. Don't leave your bulbs lying around for days, but box or pot them up as soon as they arrive. When this has been done give them as much water as the soil will take; this will plump the bulbs up, and put them in the right condition to start and make roots. Store them away in some coldframe or—what is better—a bulb cellar, and keep dark and moist until they have advanced far enough with root growth. It takes about five weeks to root tulips, narcissi, and a week longer to root hyacinths, and a longer time will give you a more perfect bloom. All the foregoing bulbs can be forced in from five to seven weeks. It is well to remember that all bulbs should be finished in a cooler temperature of from 48 to 55 degrees, which gives the flowers more substance, and better lasting quality.

GETTING READY FOR FROST

Frost may be expected at any time now, so prepare by lifting all stock of a tender nature from the field rows and have them potted or boxed up. Take in all palms and foliage plants that are in pots and tubs that have been standing around for decoration. See that green houses, frames, and dash to be used for storing such material are thoroughly overhauled and put in order. Clear out all rubbish and have all repairs, such as carpentering, painting and glazing attended to without delay. Frames that are holding such stock as cinerarias, calceolarias, cyclamen, primulas, &c., should have their sashes in readiness now for immediate service to prevent any damage by cold winds or frosts. Lift a good many stock plants of abutilon, acalypha, fuchsea, heliotrope, lunata, salvin, etc., pot them up, and place in a cool house for stock later on.

PLANTING AND CHOOSING OF PERENNIALS

In order to end right with your planting first make a drawing of proposed beds and specify each plant's respective position on this drawing. Give study to the proper mingling of colors, thus avoiding mistakes that would necessitate replanting. To provide for an equality of bloom in the border throughout the season, the date at which the different types flower should also be taken into account. Another thing to remember is not to make the common mistake of planting them too close together. Give each plant sufficient room so that it can develop to its full size. Plants that grow a foot high should be set approximately from 8 to 10 inches apart, two feet high 14 to 16 inches, three feet high 18 to 20 inches and four feet high 22 to 24 inches. These show borders should form a distinct feature not less than 10 feet in width, and backed up with a background of evergreens.

The following is a good list to plant. For the front row Achillea The Pearl and tomentosa, Arabis albida, Alyssum saxatile, Campanula carpatica, Heuchera sanguinea, Iberis sempervirens, Lycimisc Viscaria, Sieboldi and Haageana, Phlox amena and subalta, Primula veris. For the second row Anemone Honorine Jobert, Kriehmilde, and Whirlwind, Aquilegia canadensis, chrysanthalus alba and nivea grandiflora, Campanula calycanthemum in colors and Medium, Chrysanthemum maximum in varieties, Coreopsis lanceolata, peonies, hardy phlox, delphiniums. All these should be about two feet in height. For the third row you can select varieties that grow about three feet high of any of the foregoing. For the fourth row Aconitum Fischeri, Cimicifuga racemosa, Bocconia cordata, boltonias, Digitalis gloxiniafole, hollyhocks, helianthus, Eupatorium purpureum, Hibiscus moscheutos. These are good for the last row.

PROPAGATION

Those who do a big spring bedding business should now propagate alternanthera, achyranthes, begonias, coleus, feverfew, heliotrope, double allysium, Lobelia Kathleen Mallard, Perilla nankinensis, etc. After they are rooted pot up all except the alternanthes which are better to be put in flats. The others can be grown on in order to furnish cuttings later for the next year's supply.

STEVIA

Plants that are planted out should be lifted now and potted into 6 or 8-inch pots, but let them stand outside where they can be protected from any frost as it will make them more robust. When you have to take them in give them as cool a house as possible with lots of light and air.

John J. M. Farrell

Mr. Farrell's next notes will be on the following: Care of Roses, Forcing Tulips, Hardy Phlox, Magoneette, Orchids, Smilax.
This year's tulip bulbs

Mention is made in our bulb trade notes this week of the fact that many tulip bulbs are tender-skinned this year and advising care in handling them. The weather is probably responsible largely for the conditions complained of but the question of soil has, as we understand it, much to do also with the matter. Tulips from the north of Holland where cabbages are grown and the soil is sandy do not show much of the defect mentioned, the skins being good and firm. Bulbs grown in the peat soil of southern Holland are the more likely to have cracked skins for they ripen later and a rainy spell at the ripening season, as was the case this year, finding them with a frail and tender skin, is liable to cause the trouble, which, however, is not at all serious if they are carefully handled. Certain varieties are known to all bulb experts to be thin-skinned, one of the worst being Poppelbaker White which, no matter where it is grown, will crack its skin. We have heard it asserted that tulips from sand or clay soil make the best for forcing, but that for garden planting there is no advantage either way.

"Killing with kindness"

Our news items from several sources this week seem to emphasize the truth that there is yet plenty to be learned and that our most cherished cultural methods and beliefs are often far from being sound. In the notes on the recent exhibition in Horticultural Hall, Boston, special mention is made of the fact that some of the finest Fruit shown came from the far extremity of Cape Cod. Who ever imagined that this sandy strip of old Massachusetts had any exceptional qualifications as a peach growing country? Yet, there was the evidence, indisputable. Again, take Adrianiun Farleyeuse, that pampered denizen of the sweltering stove house. One gardener has had the temerity to give it cool treatment and is consequently able to expose it in the most draughty spot in a cold hall for three days without showing any ill effects. "Killed with kindness" is the epitaph which might with exact truth be inscribed over the grave of many a misjudged acquisition. It is common knowledge that some of our most reliable garden plants were for a long period treated as greenhouse subjects. No doubt there are many things that would succeed better with less coddling than we have been giving them.

Neglected details

The exhibition season is now in full swing and our columns for the next two months will, as in past seasons, teem with accounts of the triumphs, big and little, of ambitious rivals and accomplished experts in the art of growing and showing their productions. One great and almost universal fault in the reporting and recording of these affairs is the failure to state the principal points of merit and in many cases, to even give the name of a winning variety. To make merely the barren statement that Mr. A. took first prize in the red...
class or the blue class, as the case may be, may tend to please Mr. A., but, in fact, it is of no great interest to the majority of readers and is absolutely useless as a matter of information or education, which is or should be the great end and aim of a flower show. The correspondent is not the only one at fault always. Indeed, it is rarely that the judges trouble to fill in anything but a check-mark or brief word sufficient to identify on the record the winning exhibit. We think there is room for much improvement in this respect and feel sure that our readers would welcome the opportunity to learn something of the basis of award and the points which establish superiority in a new introduction or otherwise notable exhibit, even if the laboriously extended lists of second and third prize winners in the lesser classes, which very few care to read, should be crowded out thereby.

The public and pure seed

Whatever the loss and annoyance may amount to in the seedsmen's business and peace of mind, in consequence of the widespread agitation over seed inspection and purity legislation, it becomes evident that the indirect effect, thus far, is not wholly bad. No seed house with any self-respect has ever preferred to send out seed of inferior quality and where this has been done it has been because of the failings of the producer from whom he got his supply or of the unwillingness of his customers to pay a sufficient price to assure high quality. This latter was in a large degree due to ignorance, on the part of the public, of the facts as to seed quality and the consequences of planting low grade rubbish. Seedsmen are now greatly encouraged by the very evident awakening of the people to the situation and the increasing disposition to insist upon high quality and an acceptance of the fact that although it is going to cost more it is by far the cheapest in the end, a condition due in a large degree to the publicity given this subject in recent years. One unfortunate feature of the situation up to the present time is, however, the immunity allowed the farmers in that in most of the pure seed laws they are exempted from the restrictions placed upon the dealers and can and do still continue to handle large quantities of the most miserable grade of uncleaned, weedy and immature seed. Let us hope that the time is now near at hand when, backed up by a discriminating public, the dealer may be enabled to make it so unprofitable and uncomfortable for the rubbish-producing class that they will be exterminated, regardless of the special leniency so often accorded them, for obvious reasons, by those in authority.

A Correction

In our editorial notes last week an error stole through which should be corrected. Budleya "amabilis" should have been Budleya asiatica. This is a white flowered species and tender. It is admirably adapted in all respects for use as a florists' flower and would take, we believe in the cut flower markets.

Lilies in a Chinese Garden

The accompanying picture shows Lilium leucanthum growing in the garden of Dr. Davidson at Chentu, Western China, from bulbs presented by E. H. Wilson, the famous plant collector, in the autumn of 1910.

To this eminent physician and missionary Mr. Wilson is undoubtedly indebted for the saving of his leg after his unfortunate accident in the Chinese mountain passes in September, 1910.

Deutzia discolor major

Our cover illustration depicts one of the many new Deutzias recently introduced from China through E. H. Wilson, and one of the largest-flowered members of the family. The individual flowers measuring an inch and a half or more in diameter and borne in very large axillary and terminal clusters. The plant grows to a height of five or six feet and is broader than it is high. It flowers in June and gives every evidence of being quite hardy in the vicinity of Boston. Nurserymen who propose to be in line to supply the demand which is sure to materialize as soon as these new Chinese introductions become known should be on the alert to secure stock at the earliest possible opportunity. They can be seen and studied in their season at the Arnold Arboretum.

TO OUR READERS.

You, no doubt, enjoy and profit by what your fellow horticulturists have contributed to these columns, of their views and experience. Reciprocity is popular now-a-days, and the old adage, "One good turn deserves another" always holds true. So bear in mind that you can do something in return for the benefits you enjoy through the liberal spirit displayed by others, by telling them your experiences as they have given you theirs. Our columns are open always for that purpose.
GARDEN NOTES FROM TIDE-WATER VIRGINIA.

With the increasing prosperity of the south, noticeable attention is being paid to garden making. This is especially true of the section about Norfolk, Va. In this tide-water plain with the little creeks breaking in from Hampton Roads and Elizabeth River with a sky line of southern pines in the distance, is a setting for the garden beautiful.

When tide-water Virginia learns to depend on the flora of her woods and use it as Olmsted and Eliot have used the native flora of New England in the parks about Boston, and a Professor Sargent gathers from the four corners of the globe the flora adapted to this region, Norfolk will be to the plant lover one of the most interesting cities on the Atlantic coast.

One does not realize how much the garden flora of this section is until he has spent a year or two studying it. There is not a month in the year that flowers cannot be found in the open garden. The roses bloom until late in December to commence again in April and continue at intervals throughout the summer. In January and February, a winter jasmine, (Jasminum nudiflorum) brightens the garden with its yellow flowers, and the bush honeysuckle (Lonicera fragrantissima) fills the air with its fragrance. Before these have ceased to bloom the rosemary lifts its spikes of lavender flowers above the dark silvery gray leaves, which give off that delightful aroma that reminds one of a well-filled linen chest of long ago. Although one may feed the need of furs and overcoats in the damp sea air, there is not a day from November until April that in some sheltered nook the purple violet does not lift its head with a promise of the spring days when the yellow and brown wall-flower will vie with the narcissus and primrose in transforming the garden into a mass of golden bloom.

And if one goes to the woods in these sunny spring days he will find the air fragrant with the southern jasmine, (Gelsemium sempervirens) which adapts itself so readily to the garden and is not only beautiful when in flower but adds to the winter landscape with its garlands of bronze green leaves and clusters of flower buds ready to burst into yellow bells with the first warm days of spring.

For backgrounds there are many broad-leaved evergreens to choose from both indigenous and exotic. The native holly when left untrimmed becomes a small tree. At the edge of the salt marshes the bays with their long fragrant leaves are almost as beautiful as the magnolia. Among the sand dunes we see the live oak with its twisted and fantastic branches and the beautiful yponome (Hex vanitoria) with its rose red berries. I never shall forget the first time I saw this shrub used as a window decoration in Norfolk, and the trip out into the country on the day before Christmas to see it growing in the yard where it had been planted a hundred years before, not only as a thing of beauty but that its leaves might be used for tea. The sight of the glossy green leaves always reminds me of the good-natured colored folks, returning from town, their baskets filled with a heterogeneous mixture of toys and groceries for the Christmas holidays.

The laurel-leaved cherry, (Laurocerasus obtusifolia), with its dark green intrans and racemes of white flowers in earliest spring is a small tree of great beauty at all seasons and a fit companion for two beautiful evergreens from Japan, the holly-leaved olive, (Osmanthus aquifolium), with its fragrant white flowers in January and the loquat (Eriobotrya japonica) with its long leathery leaves and great bunches of fragrant flowers which bloom at intervals throughout the winter; although the fruit does not mature as far north as Virginia it is a small tree that has its place in the backgrounds of a shrubbery border.

The queen of all the broad-leaved evergreens of the south (Magnolia grandiflora), with its great white wax-like blossoms can bloom outside in this tide-water plain.

Of the evergreen flowering shrubs, none can rival the Camellia japonica when in March and April a good sized specimen is laden with hundreds of waxy blossoms and the cape jasmine (Gardenia Florida), soon follows to continue until frost with its fragrant, creamy white flowers. It is only in the coldest winters that the oleander is cut to the ground. Although it does not attain the size that it does farther south, it should be considered as one of the shrubs that can be used to produce evergreen effects, and give a continual bloom during the summer. As it roots so readily one can have them by the hundreds, and in a year’s time have plants larger than camellias that have been growing for four or five years.

There are numbers of broad-leaved evergreen shrubs that are but little known, among them the evergreen privets from China and Japan, with their shining green leaves and spikes of cream white flowers in June and July that remind one of the white lilacs of New England. Viburnum tins has the height of ten feet. The flowers are creamy white, produced from February to April, but the flower buds are bright pink and begin to show in November, making the shrub conspicuous throughout the winter. And the beautiful Abelia grandiflora blooms from June until November, when the leaves become the most beautiful shades of dark green bronze.

Of the exotic deciduous shrubs the crape myrtle (Lagerstroemia indica)
and a worse combination of colors cannot be imagined than the scarlet of the pomegranate and rose shades of the grape hellebore. There are both yellow and white varieties of the pomegranate also a single scarlet variety that to me is as pleasing as the rose and Mr. Miller does not seem to be as free a bloomer. A number of shrubs that are half hardy farther north are especially adapted to our climate and can be grown in both the delphiniums and forsythia that are often killed to the ground, grow to giants in this climate and are among the most useful spring-flowering shrubs. The evergreen hibiscus (Hibiscus ascotanus) and the holly-leaved hibiscus (Hibiscus elatus) also hardy worth, is one of the most showy for autumn effects with its white feathery appendages to the seeds. Like many of our American shrubs it is neglected for those that are not nearly as good. It will grow in the wettest or driest ground and when used against a background of dark foliage in large masses in a border shrubbery, is especially effective. It is d discourage and a few of our standard plants should be set with their platiates. The very earliest autumn shrubs that is worthy of introduction to the garden is the bush mulberry (Callicarpa americana). Its flowers are not conspicuous, but the violet purple berries which follow and last until early winter are a sight not to be forgotten, and the graceful sprays literally bend with fruit.

CLARENCE FOWLER.
Fortress Monroe, Va.

TWO LONG ISLAND BULB FARMS.
E. S. Miller.
E. S. Miller, Wading River, N. Y., is the name familiar to most readers of HORTICULTURE's advertising columns as well as to all the leading seed and bulb interests generally for the past few years. Mr. Miller gave up his post as a bank clerk at the Flora Park, Long Island, several years ago, and started the enterprise in his native place, Wading River, 70 miles east of New York. One of the old nodding Island railroads. He has thirty acres under cultivation of which fully one-half is devoted to gladiolus. In this specialty seeding raising is his great hobby, and one of the best evidences of his success in this line is the fine variety recently introduced by Peter Henderson & Co., under the name of Fascination. At the present time he has more than 300 selected seedlings under the product of several generations of selections from the parent stock, and many of these have been adopted for American and foreign origin. The three sections — Candelavris, Lemenui and Childsii are kept apart and distinct in the fields. In the true Childs no yel lows have thus far appeared, and whites are rare, but in the other sections both these colors are found. Mr. Miller has one white of which he has great hopes. It is practically pure white and stays so, showing none of the pink that with some other colors crops, the growth of pink flowers borne high above the massed foliage having the effect of a good bedding begonia. This with O. lasiandra are valuable subjects for use in the borders especially on large estates.

Mr. Miller confesses to being a sort of "crank" on old things, and devotes considerable room and time to a variety of bulbous material not often seen in nurseries. Cidanthus fragrans, which might be described as a yellow hellebore, is one of his very freely. There is also Zephyranthes sulphurea. Z. candida blooms profusely all summer until frost. Its hardness is not yet proven, but as a very hardy" variety it is a great acquisition.

John Lewis Childs.
Although far removed from the well-known headquarters at Floral Park and the great central market of New York, John Lewis Childs' big new estate is making a big impression. About Long Island, it is well worthy of a visit and will fully repay the visitor for the time and trouble taken. It is under the charge of Leonard Joerg who has been eighteen years in the employ of Mr. Childs, and was previously with Hallock, Son & Thorpe for nineteen years, and is looked upon as the best informed man on the gladiolus in this country.

The grounds are a seemingly boundless expanse of color; field after field allaglow with bloom. Mr. Joerg says "at least 150 acres of bulb plantations, mainly of gladiolus." After a drive among and among one is not disposed to question his estimate. There are 800 acres all told in this vast flower kingdom, of which he has acquired only two years ago, the first planting being done a year ago last spring. A prodigious amount of work has been done in developing a new division. Now plowing, planting, mowing, harvesting, road building, etc., and is still being prosecuted. Fifty-four men, Mr. Joerg says, is the full quota of help, which seems almost insignificant when the extent of territory covered and the excellent condition of everything are considered.

Eight men are kept busy most of the time during the flowering season, cutting gladiolus stalks and getting them ready for shipment. From fifteen to twenty-four thousand stalks are shipped to New York. They are practically a "by-product," as the plants are grown for the bulbs, but the net income from this item should aggregate hundreds of dollars a day during the blooming season. The spikes are cut as soon as the lower buds are ready to open and before any flowers have expanded. The removal of the spikes is regarded as beneficial to the bulbs.

The new buildings on the place are ornamental, with one building 120x90, and a storage shed, 90x200, with cement walls and floor and a basement 40x90. Here the cut flowers are packed and shipped and extend storage facilities for bulbs are provided. A glass-covered building for storage and spring starting of roots such as canna, etc., is now being erected in the glasshouse and 1100 named varieties are under cultivation. Many acres are also devoted to canna, dahlia, montbretia, zephyranthes, five-lingers, ismenes, irises, etc. The culture of squash, cabbage, melons, lettuce, corn and many other vegetable crops for seed production is also extensively carried on.

AT WABAN CONSERVATORIES.
Alexander Montgomery is very much pleased with the performance thus far of his seedling rose, Virginia Burgess, which might be described as an improved Wading River rose, with satiny pink lustre of that variety, without its defect of excessive thorn production and being entirely free from bud-heads, as its petals which will be immediately appreciated by the rose growing fraternity is the absence of any necessity for "pinching," all the growth is straight and thus much labor and fully three weeks' time in bringing out a crop are saved. Mr. Montgomery has other seedlings going through their trials which, we hope, will be heard from later on. There is a double Richmond sport which should find a welcome when it is disseminated. Among the recent introductions the most charming of all is Lady Hillingdon. As grown here it is worth going a long way to see.
Horticulture

MASSACHUSETTS HORTICULTURAL SOCIETY.

The general autumn exhibition of this Society was held at Horticultural Hall, Boston, on September 8 and 10. It was extensive and fairly good, and as usual there were a great many exhibits of fruit and vegetable displays. The finest feature in the hall was the large room next to the kitchen house, its light being increased by its windows. It was shown by James Marlborough, gardener to Thos. E. Proctor, Topsfield, Mass. This superb exhibit of the gardeners' skill included, besides cut geraniums, a good collection of apple, plum and pear bearing ripe fruit. The tender grapes included Muscat of Alexandria, Mrs. Pearson, Golden Queen, Chasselas, Napoleon, and others in whites, and Black Hamburgh, Black Alicante, Gros Maroc, Apple Toys, etc., in black. A gold medal was given this display. Another exhibit filled with well-grown specimens and attracted much attention. Some of the finest apples and peaches ever shown here came from the collection of C. A. C. where, a few years ago, it would have been thought impossible to grow peaches. Reverting to Mr. Proctor's display, special mention should be made of the Adiantum Farleyense plants, which Mr. Marlborough used as a decorative adjunct. There were half a dozen specimens in 12-inch pots which were at the moment of our visit as good as any grown under the high temperature culture usually followed, but which stood without being affected in the slightest degree by the cold draughts from the doors near which they were located because of the cool temperature in which they had been grown.

The dahlias were as usual shown in great numbers, but there were few novelties and little evidence of advancement over existing varieties. The quantity was not remarkable as compared with the displays of recent years, the peculiar weather conditions having been, no doubt, responsible. The only prizes were won by J. K. Alexander, W. D. Hathaway, W. P. Lothrop, Mrs. L. A. Towle, Forbes & Keith, and Mrs. L. M. Towle. Certificates of merit were given to J. H. Flint for seedling Decorative Dorothy Flint and Forbes & Keith, seedling Cactus Rosy Pink; honorable mention to Geo. B. Cray for seedling Cactus Mrs. E. M. Gill and J. H. Flint for seedling Decorative Hetta.

B. Hamond Tracy showed a really splendidly grown group of gladioli. The arrangement of which we believe was the work of Mrs. Tracy, was artistic and beautiful and the entire display was well worthy of the attention it received during the show. Other awards were: Certificate of merit to Walter Hunnewell for Laelio-Cattleya Goliathana var. Wellesleyis, Certificate of merit to Mrs. Frederick Ayer for Cibotium Schiedei, R. & J. Farquhar & Co. for exhibit of lilies and B. Hammond Tracy for Gladiolus primulas. Also a certificate of merit to James S. Bache for seedling tomato, Bache Abundance. The Farquhar exhibit comprised mainly Lilium auratum, Henryi and leucanthemum. It might be well to state here that this last named lily has been known both as leucanthemum and leucanthemum, but has now been decided by the proper authorities that leucanthemum is the better form, and that name consequently will be used henceforth.

Special Vegetable Exhibition.

On September 21-24, inclusive, an extensive vegetable exhibition will be held at Horticultural Hall. In addition to the premiums offered by the Massachusetts Horticultural Society, special prizes will be given by the Boston Market Gardeners' Association. The prizes for collection of twenty kinds of vegetables are $100, $60, $40 and in this, as in other notable classes, lively competition is assured.

CHICAGO FLORISTS' CLUB.

The regular monthly meeting of the Chicago Florists' Club was held Thursday, September 7th, at the Union Restaurant, President Philpot in the chair. There were a good attendance, and nine applications for membership were filed as follows: Dominick Freer, Paul Weiss, Arthur Schmidt, Henry Schiller, Carl Amus, Geo. F. Zeck, Walter Amling, Wm. Lorman, W. H. Mann. Allie Zeck, chairman of the sports committee, reported that the new Benninger Stanley has been secured for the season and all further arrangements for the winter's bowling were left by vote of the club to the sports committee. A report of the Baltimore convention was made by Geo. Amus, who also recommended a letter of thanks to the Baltimore Club. After some discussion it was voted that all committees for the entertainment of the S. A. F. in Chicago in 1912 should be appointed by the club president and read at the next meeting. A. T. Pyfer, A. Zettl, W. H. Totty, N. B. Birnie, and E. C. Amling were appointed a committee to provide entertainment for the next meeting, October 5th, which was the celebration of the 25th anniversary of the club, which occurs November 3. It was also voted to have a banquet, October 5th, which should include the Ladies' Committee and make the invitation of the Chrysanthemum Show to be held by the club on November 2nd.

GARDENERS' AND FLORISTS' CLUB OF BOSTON.

The next regular meeting of the Club will be held at Horticultural Hall, Tuesday evening, September 19, at 7:30 o'clock. There will be no regular speaker, but several members, including Thomas Pegler, T. J. Grey and W. J. Collins will give short accounts of recent travel trips. Also there is considerable business of importance to transact the hour set for the meeting is earlier than usual.

It is suggested that on the 25th of November a joint meeting be held and join with the Vegetable Growers' Association of America whose convention opens at Horticultural Hall the same evening, and which the Club is invited to attend. It is hoped there will be a large attendance at this meeting.

W. N. CRAIG, Sec.

NEW YORK FLORISTS' CLUB.

The opening meeting of the New York Florists' Club for the season was held on Monday evening, Sept. 11, at the Grand Opera House and was attended by a representative assemblage of about sixty members. The recent death of their fellow member, John Birnie, was a leading topic. President Nugent spoke in kindly vein in memory of this useful and loyal man and was followed by C. H. Totty who read the report of the committee appointed to present resolutions, the members standing during the reading. Messrs. Berry, Bunyard, Weathered and others added words of tribute and it was voted to have a copy of the resolutions engrossed and sent to Mr. Birnie. J. Austin Shaw read resolutions on behalf of Charles R. Amstutz and H. A. Bunyard on the death of the little daughter of Charles Schenck.

Resolutions of thanks were passed to the Society of American Florists and the Gardeners' and Florists' Club of Baltimore for kindness and sympathy displayed on the occasion of Mr. Birnie's death, and in turn got in first with an invitation to the S. A. F. Flower Show committee to hold the next show in New York in 1913. It was also resolved to have a special committee of six, consisting of F. H. Tracy, A. E. Richards, H. A. Bunyard, R. E. Berry, W. J. Elliott and others followed with enthusiastic approval of the proposition, and a motion extending the invitation accordingly offered by C. H. Totty was unanimously carried.

On the exhibition tables were many named varieties of gladioli from John Lewis Childs, conspicuous among which were the following varieties: Cardinal, Win. Falconer, Scribe, Baron Hulot, Robert, Shellflower, Dogwood, Attraction, J. S. Hendrickson, Dorothy, Burnham, Princess, Sulphur King, Sunshine, Triton and Pfitzer. From E. S. Miller, W. C. Banning, W. P. House and several other seedsmen there were under number. From Frank Banning, Kinsman, O. there were Panama and New York, a fine red and a row of Tricker showed pot plants of Vinca minor aurea. The awards committee gave cultural certificates to Messrs. Childs and Banning and a vote of thanks to the others. As a mark of respect to the late John Birnie an early adjournment was taken.
NEW JERSEY FLORICULTURAL SOCIETY.

After an intermission of two months the New Jersey Floricultural Society held their regular monthly meeting, Friday evening, September 8th, in Lincoln Hall, Harrison. This being a moonlit night, John Lewis Childs, Floral Park, L. I., offered a silver cup for the best 24 spikes of gladiolus, four of which were won by Mrs. Charles Hathaway, gardener Max Schneider. A. B. Jenkins, gardener Fritz Borglund was second. William Tricker was present with a fine collection of cacti, allied to rosettes, and a rare species of variola magna, and viner minor aurea which attracted a great deal of attention.

The judges: Le Count of Maplewood, N. J., donated a handsome silver cup. It will more than likely be competed for at the chrysanthemum show in November. The Society will hold their annual dahlia show this afternoon and evening, September 30th.

The judges: George B. Wilson, Charles W. Ashmead and Arthur T. Zapara made the report. 

Brasso-Laelia Veitchii, Lager & Hurrell, 92 points; Dendrobium formosum, Thomas Jones, 83; Dulhanii, Fritz Berglund, 79; Asters, Max Schneider, 83; Cultural certificates to Lager & Hurrell for orchids, and Max Schneider for fruit. First class certificate to WM. Tricker for outdoor roses and rare plants. WM. REID, Sec'y.

Orange, N. J.

WESTCHESTER AND FAIRFIELD HORTICULTURAL SOCIETY.

At the meeting on Friday evening, September 8th, the exhibition committee reported on final schedule for the fall show and have provided many classes for the large and small growers with substantial prizes for both. Three honorary and two active members were elected and eight propositions accepted. B. W. Popp gave interesting talk on his experience with the culture of dahlias. J. M. Brown, honorary member, entertained with a review of his recent three months' trip through Great Britain. M. C. Ebel of Madison, N. J., was present and spoke about the National Garden Society, and Morris Augsburg entertained the Horticultural Society exhibition this fall.

The judges awarded cultural certificates to P. W. Popp and A. Whitehall for dahlia displays, vote of thanks for a seedling Liliocattleya from Carlo & Baldwin and highly commended the display of apples from Alex Geddes. J. B. MCDARIEL, Sec'y.

THE BERNArdSCHEVillE SHOW.

The second annual exhibition given by the Horticultural and Agricultural Society of Alma, September 6th, was a complete success in every way. Competition was very keen, particularly in the classes for cut flowers and vegetables. Arthur Herrington of Madison, Jos. O'Brien of Mount Kisco, Wm. Walls of Katonah, Robert Seymour of Bernardsville, gave entire satisfaction. The numerous entries made the work of judging hard and the excellent quality of both vegetables and fruit was very gratifying, especially when the dry season is considered.

A feature of the exhibition was samples grown for the coming variety Long fellow variety, with stalks 14 feet long carrying ears that measured 16 inches in length, grown by Wm. Elias, superintendent for M. P. Bliss.

The center of attraction in the hall was a mound of Dendrobium Sanderse with foliage plants, a splendid group staged by Wm. Duckham, gardener at the Ramsey, N. Y., and an easy winner for the prize offered by Lord & Burnham Co.—a gold watch.

M. Linton, gardener to M. P. Bliss, was first in cut flowers with a fine collection of geraniums, pelargoniums and annuals. W. A. Manda, South Orange, N. J., staged a choice collection of foliage plants, not for competition.

CINCINNATI FLORICULTURISTS' SOCIETY.

A well-attended meeting of the Floriculists' Society was held on Monday at the club rooms in the Flower Market. An invitation from the Cincinnati Florists' Club was referred to the secretary and the secretary of the bowling club to find out the number of members who would attend, and see if a bowling team could be obtained for a tournament there. The Flower Show committee reported that they had everything well in hand and stated that they would like to do all they could if possible, what prospective exhibitors intend to stage. Immediately before adjournment Al. Heckman on behalf of himself and the Floriculture Club, C. E. Critchell, Capt. Wm. Schumann, Al Horning and R. C. Witterstatter, who formed the team that represented Cincinnati at the recent convention at Baltimore, presented Chas. H. Hoffman with a silver shaving set as a token of their appreciation for his part in getting the team together to go out last season and management of the outing and bowling the past year.

CLUB AND SOCIETY NOTES.

On Friday, September 8th, Christopher Clark of sparkling sedge entertained a party of members of the Eastern Branch of the American Association of Park Superintendents at the Summit House on top of Mt. Holyoke, Mass.

The annual meeting of the Bar Harbor Horticultural Society was held Thursday evening, Sept. 7, in the main street store of the Mt. Desert Nurseries, when the following directors were elected: Hon. Francis Burton Harrison, John H. Stalford, Clarence E. Dow, Edward Kirk and A. E. Chilman. At the meeting of the board of directors held immediately after the meeting the following officers were elected: Hon. Francis Burton Harrison, president; Louis B. McCagg, first vice-president; William Miller, second vice-president; William T. Burton, third vice-president; Charles Shand, recording secretary; Clifford C. Cane, financial secretary; William T. Kelly, treasurer; and Wm. H. Stalford, sergeant-at-arms. The reports of the officers and standing committees were all very satisfactory and showed an excellent condition of the affairs of the association. There are now 169 members in good standing.

DURING RECESS.

Chicago Bowlers.

The Chicago Florists will open the bowling season at the new Benninghule's Alley, 29 W. Randolph street. The new place is very desirable, having a seating capacity of 500.

New York Bowlers.

On Monday afternoon, September 11, previous to the meeting of the New York Florists' Club the following scores were recorded:

Fairfax, 147; Beal, 129; 125

Scott, 147; Cates, 112; 104

A. Rickards, 147; Shaw, 109

Chudwick, 129

St. Louis Bowlers.

Reports have been making the rounds that a bowling league will be organized composed of the employees of the four wholesale houses and the four houses, Messrs. Kuehn, Smith, Berning and Augsburger will be asked to do the prizes and assist them in organizing the teams. Those eligible are: Will Ossick, G. Schriever, P. Sen. N. C. St. Louis, Arthur Meyer, H. Schlechter, Fred, Alves, F. Windler, Otto Bruening, Oscar Kuehn and Wm. Mitthoeffer. This will promote good fellowship and a nice time at least one night each week.

Bar Harbor Outing.

The annual field day of the Bar Harbor (Me.) Horticultural Society was held on Sept. 5, at Robin Hood Park and there was a big attendance of gardeners and their wives and families. The event has been planned for the past three years and looked forward to with expectancy by the club members and everybody was out for a good time. A programme of all sorts of sports was arranged and the speedy as well as the muscular had an opportunity of proving their prowess. Last year the sports were held at Eden, but this year it was decided to hold the affair a little nearer home.

ST. LOUIS NOTES.

Alex Johnson, the Wellston florist, has added two new greenhouses to his already large plant. He is using his cut at his Wellston retail store. Miss Matilda Meinhardt has returned from her trip to Europe. The Ladies' Home Circle of which she is secretary, met in her honor at Chautauqua, Ill., on Tuesday, Sept. 12.

A young man by the name of E. R. Methody reports that he will start to build a greenhouse plant on his 65-acre ground in St. Louis County with at least 20,000 feet of glass for a starter. Mr. Methody's present address is 5924 East Avenue.

Andrew Pick, foreman at the C. Young & Sons greenhouse plant on Waterman Ave., shot and killed himself and wife one day last week. It is said that he was enraged by the death. They leave two children. They came here from Paducah, Ky., a few years ago.

Harry Young & Son will open a retail greenhouse at 451 & 453 Market Ave. Mr. Young was until recently connected with the firm of C. Young & Sons at the greenhouses. He is treasurer of the St. Louis Horticultural Society and well-known in local trade circles.
DEORATORY STOCK AT DREER'S.

It has been whispered that the stock of ferns and other small and interesting things to be seen at Dreer's that the readers of Horticulture would be glad to hear about, we put a pedometer in our jeans, took Sawbones Lane along as a germ protector, and tackled the job. After six hours of strenuous work, tagging after Mr. Botz, the pedometer burst, and the data left at the scene. One of the first vistas to greet us was a block of fifty thousand Arecia lutescens—three plants to a pot—a higher price. It developed in the course of conversation that the best demand for areca is in the southern states. It seems to fit conditions there better than any other variety, but it is not so popular in the north as formerly.

A good idea of the relative importance of the different ferns on the American market may be gained from the fact that here we find the forner in three-inch pots two million strong, whereas the latter is only grown about twenty thousand per year. The same result is obtained in quarter million. Belmoreana is the popular fern idol of the day, and a closer second is the dainty Cocos galea, which can be had in quantities of which one in some twelve thousand square feet of space, was a sight to make one dance with pure joy. Like all the palms at Dreer's it is an excellent foliage plant, and perfect. Last year's seed came up well, quite a contrast to two years ago, when, out of a lot of two hundred seeds, only seventy plants resulted. The regular expectation is from sixty-five to seventy per cent. It is surmised that the trouble two years ago lay with the unconscionable sounders in Buenaventura, shipping old seed; or else the seed got damaged on the steamer. The Dreers have observed blocks of three hundred thousand this year (in addition to the stock mentioned above) being grown along, and strictly reserved as a nucleus for next year's seed.

Now come eight more houses—a vista of Belmoreana, Forsteriana and luteaes—six, seven, nine-inch, and in the tube—they look better in better in although they don't seem to cost any more. We saw some nine-inch Forsteriana with a fine spread and good finish, for only four dollars. Again, as showing how values go, we saw splendid areas in seven-inch pots for two dollars that would appeal to the ornamental gardener as easily as the five. And there are still other houses of palms, big specimens—the ten to twenty-five dollar kind.

The rest of the palm groves and into other scenes, the first being something we can't see the sense of until it is carefully examined. Here one can get more or less for the same price, and in six-inch pots, big plants, 2-year, 3-year or as many. But why under glass? Why not out in the open field, getting really into the growth of things that can be better handled; that they are moved outside of a place and then come back again, or a little later, when the sales may be all right; but to our dense understanding there seems something more to be explained. There are all kinds of them. Hybrid Teas, Bourbons, Ramblers, Remontants; and we get a nice bunch of bloom to take home on the train. But we are not at all satisfied in our own minds that we have this thing correctly. One must dig sometimes and be even rude in questioning to get anywhere. We saw our old friend Gloire de Dijon and are told that this one grows better in the indoor summer rose, but that Marechal Neil under similar conditions is no good.

Pet-grown Hliawatha, Dorothy Perkins and all the other popular Ram-pler varieties are here in truffled specimens, four to eight feet, and in every shade of green. We can't understand the reason for these being in pots and in frames, as they are obviously intended for winter and Easter forcing and are no doubt much better than outdoor stock for that purpose.

We glance in passing at a block of fifteen thousand thrifty giant-flowering cyclamen under slats, that are being grown on our Christmas. They are Dreer's own strain seed saved from selected plants—the kind that George D. Clark would describe perhaps as the unsuparrowable.

The Araucaria department is part in the open—that is, the structures are not greenhouses but composed of path giving vistas of sky and dappled sunlight; there is plenty of air; 75,000 in one block—exclusa, excelsa glauca, robusta compacta and plumosum. We are invited to pick out plants from which we can choose between robusta and plumosum and we were unqualified to prefer the wrong one. Plu- mosus is the deeper green, while the former is a shade lighter. We were assured that that is not the general verdict—just the opposite, plu- mosus being by far the best seller and comparatively scarce on that account.

Cyclamens being the last lot set out with buds. This old favorite of many years ago is regaining some of its former popularity, and the demand the last two years has been quite considerable. Begonia Duke Zeppelin and Lafayette are flowering profusely in frames at present. They are the leaves of the two last summer's bedding varieties from spring sales and are making fine stock for next season. Now we come to a few frames that is quite popular of James Clark, the fern expert.

Todea Africana is not new, but a species whose value as a house plant has not until received been recognized. It is especially pretty as seen in six-inch pots as a table fern, of a rich, deep green color, and when produced in quantity, can be very valuable as a dish-fern in small sizes. Scole- penium officinarum undulatum is a variety of the evergreen British Harts- tongue in which the foliage is deeply undulated, a variety that is favored in a shady corner of the rockery and perfectly hardy as grown here in four or five-inch pots. It should find a place in some small gardens, and we suggest that one make a fine subject for window boxes for the winter in a protected position. Dracena fragrans, Massangeana, and Linde Lindo are large blackets. Lindo was grown in fine condition. Cocos flexuosus is a very graceful plant. There is considerable demand for it for decorative purposes and it is quite popular here purely extensively. This variety and plumo- sus are used in Florida and California for outdoor planting. Kentia San- deriana we find in limited quantity. This is a dwarf grower of elegant and graceful habit. Beautiful bright green. Rather high-priced as yet but desirable for shaded locations where some- thing extra is wanted.

Returning to the fern kingdom, passing a house of Adiantum Farleyense we now come to the sensation of the last year, which has been held by us almost as long as Adiantum has been holding back until the last minute—Adiantum Farleyense, Glory of Moorbrook. The despair of the Dutchman and the most successful of the new ferns, which has so far been known as the Farleyense glorios, but it is the same thing—Glory of Moorbrook. All the good things that have been said of it we fully concur. The fronds are authenticated by Mr. Clark and other fern experts. The Glory of Moorbrook is undoubtedly the fern sensation of the year, and we are told that the Dreer's have held the center of the stage these many years, but the new and brilliant star outshines it in all directions.

Ananas sativa variegata is only in a slightly lesser degree than the Glory Fern—is the Cytropium Echordium, a crested form of the older favorite, "Holly Fern." Last spring what few pots and Offerin in six-inch pots were quickly disposed of at $5 each and many more could have been sold. The plants are deeply cut and a great deal more interesting and much deeper and glossier. It is excel- lent, not only for fern pans but also for specimens. We understand that the Dutchman will follow this variety, and a new form will be ready this fall. Ananas, or Redondo, which is a small plant with red leaves, will, we think, be popular. We never saw so many of this magni- ficient decorative fern together before and we were worth going a long way to see them.

Ananas sativa variegata is a name easily remembered—it sounds so like Ananas. Of course this is the varie- gation of a Fir. And the splendid batch of seven thousand plants are to be seen here. This pine apple in richness and variety of coloring far outshines Pandanus Veitchi and the costly and expensive Pandanus ananas, but it was the bipher price. But that is past now. Fine plants in four to six-inch pots are offered at from 50c cents. Many things we saw in ferns and foliage plants—aloecas, maranta, and so forth, but our story is already long enough and we must regretfully bid good-bye to a most en- grossing topic with which we could fill several numbers of Horticultu- ral. The two-hundred and fifty thousand Louisiana iris are now going out by the million. Our field days on these ought to have come earlier.

GEORGE C. WATSON.
**Double Flowering Or Six Petaled Japanese Iris**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Edel-Ne-Iro.</td>
<td>Light violet with white veins.</td>
</tr>
<tr>
<td>4</td>
<td>Yuno-Na-Yuki.</td>
<td>A bine free flowering early double white, veined with white.</td>
</tr>
<tr>
<td>8</td>
<td>Oku-Toshie.</td>
<td>Triple with three veined petals.</td>
</tr>
<tr>
<td>20</td>
<td>Kuma-Funji.</td>
<td>Silvery-white, with a broad border of metallic line veined with white.</td>
</tr>
<tr>
<td>22</td>
<td>Sano-Wakasab.</td>
<td>White, with cream-yellow centre.</td>
</tr>
</tbody>
</table>

**Single Flowering Or Three-Petaled Japanese Iris**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Isu-No-Nami.</td>
<td>Silvery-white, veined with violet.</td>
</tr>
<tr>
<td>2</td>
<td>Teru-Hiori.</td>
<td>White, faintly veined with violet.</td>
</tr>
<tr>
<td>6</td>
<td>Date-Douji.</td>
<td>Very early double white.</td>
</tr>
<tr>
<td>11</td>
<td>Hana-No-Nishiki.</td>
<td>Bright violet-purple, veined with white.</td>
</tr>
<tr>
<td>12</td>
<td>Shippo.</td>
<td>Light blue; densely veined with purple.</td>
</tr>
<tr>
<td>13</td>
<td>Gion-No-Yuki.</td>
<td>A very early pure white.</td>
</tr>
<tr>
<td>15</td>
<td>Mei-Gen.</td>
<td>White, densely marbled and veined with light-violet.</td>
</tr>
<tr>
<td>23</td>
<td>Yedo-Kasumi.</td>
<td>Magenta-blue, veined with white.</td>
</tr>
<tr>
<td>39</td>
<td>Shi-Ta-Bans.</td>
<td>Greyish-white, deep and densely veined and suffused with blue.</td>
</tr>
<tr>
<td>62</td>
<td>Mishininosato.</td>
<td>Violet-purple, marbled with white.</td>
</tr>
<tr>
<td>67</td>
<td>Kigan-No-Mison.</td>
<td>A late flowering pure white, densely veined with purple.</td>
</tr>
<tr>
<td>68</td>
<td>Kigyo-No-Mison.</td>
<td>White, veined with purple; late-flowering variety.</td>
</tr>
</tbody>
</table>

**Price, any of the above named varieties, $1.25 doz.; $8.00 per 100; $70.00 per 1000. Unnamed mixed varieties 85 cts. doz.; $6.00 per 100; $50.00 per 1000.**

For the most Complete List of Hardy Perennial Plants as well as all other Seasonable Stock See our current Wholesale List issued September 1st.

**HENRY A. DREER, Inc., 714 Chestnut Street, Philadelphia, Pa.**

The above prices are intended for the trade only.

**News Notes.**

Des Moines, Iowa.—J. W. Rudebeck, 3523 University Avenue, is no longer in business.

Melrose Highlands, Mass.—The Tuttle greenhouses have been bought by Charles Rapp, who intends to make a specialty of carnations.

Fort Wayne, Ind.—A three-eighths interest in the greenhouse of Ernsberger & Moses has been purchased by Dale Moses. E. S. Moses will continue the management. This firm are wholesale growers of flowers, cucumbers and lettuce.

Terre Haute, Ind.—The greenhouse property of Otto Heiniel has been pur chased by Thos. Stevenson, who took possession August 31. Mr. Heiniel has accepted a position as superintendent of a section of fruit land at Herrins ton, Ore., and has purchased land for raising apples.

Oakland, Cal.—While running his automobile at a high speed near Cornell, endeavoring to deliver an order on time, J. Camplano, florist, and his companion were thrown out by the breaking of a pin in the steering wheel. Neither was much hurt, but the flowers were not delivered.

Sheridan, Wyo.—A half acre tract of land on Beaver street near Pioneer Park has been purchased by the recently organized Sheridan Greenhouse Co., upon which they will erect a greenhouse plant. Additional ground for a nursery will be purchased later. The members of this firm are S. L. Caple and H. A. Loucks.
Obituary

Lewis Chase.

Lewis Chase, one of the pioneer nurserymen of Rochester, N. Y., and head of Chase Brothers Company, died at his home on Sept. 7. Mr. Chase was born January 22, 1859, at Chase Mills, and began the nursery business in Maine in 1857 with two brothers, Ethan A. and Martin Van B. Chase, and in 1868 he and his brother Ethan went to Rochester, he attended the Maine, and charge of the Maine establishment.

Here the two brothers were pioneers in the establishment of nurseries along with Patrick Barry and George Ellwanger, the original members of the firm of Ellwanger & Barry. In 1869 Martin Chase retired from business, leaving affairs of the firm to the management of his two brothers, who soon took out a certificate of incorporation under the firm name of Chase Brothers Nursery. At the same time the incorporation Lewis Chase was elected president of the company, which office he retained until his death. In 1869 Blanche, his interest in the firm and moved to California, leaving his brother, Lewis, as the only original member of the firm.

At the age of 55, at Sidney, Me., Mr. Chase married Edwina G. Dyer, who died May 5th of this year. Five children, two of whom died in infancy, and three to the firm, are still living three children, Charles H. Chase, Mrs. William Pitkin and Mrs. Arthur H. Dudley, all of Rochester, N. Y., and two grandchildren. Mr. Chase was a member of the American Pomological Society, American Association of Nurserymen and several other trade organizations.

Francis O. Canning.

Francis O. Canning, aged 44, of Villa Nova, Pa., died on Sept. 1st from accidental poisoning by mushrooms. They were gathered by one of the men employed under him and given to his wife to cook without his looking over them. Few gardeners know the edible kinds better than he. Deceased was born in England and served his apprenticeship in the gardens of the Duke of Rutland, Belvoir Castle, Grantham. He came to this country two years ago and for six years was in charge of the propagating and plant houses at Fairmount Park, Philadelphia, Pa. He was engaged as assistant manager of S. T. Hodine's estate at Villa Nova and after serving there some six or seven years was called to be Instructor of Horticulture of the Agricultural College, which position he held four years. He then returned to Villa Nova in the same capacity, as superintendent of Mr. Hodine's ornamental gardens and grounds until his untimely death. The funeral was held in the Church of the Redeemer, Bryn Mawr, and was largely attended. Interment was in Westminster Cemetery.

He is survived by his wife, a sister and his brother, Edward J. Canning of the Botanic Garden of Smith College, Northampton, Mass.

Horticulturist

Linnaeus Cox.

Linnaeus Cox, grower of carnations and roses at Wissinoming, Philadelphia, died on September 7th, aged 45. Mr. Cox was highly respected by all who knew him for his all-round good citizen. His widow will continue the business. Three new Lord & Burnham houses are in course of construction for the firm. The place is not thought that the passing away of the proprietor will alter the plans he had laid out. (See Horticulture, March 25, page 416.)

E. R. Meserve.

E. R. Meserve, of the Los Angeles Flower Market, Los Angeles, Cal., died on August 31st, aged 42 years. He was a native of California and had for some years grown greens for the Los Angeles market. With Charles Morton last October he opened the Los Angeles Flower Market, which business will be continued by Mr. Morton. He leaves a wife and two children. The Los Angeles Flower Market was closed from Thursday until Sunday.

Patrick Maier.

Patrick Maier, well known as a florist at Woodville, Pa., for the past fifteen years, died on September 3rd of cancer. He leaves a widow and seven children.

Root-grafting Strawberries.

EDITOR HORTICULTURE: I wrote you last year regarding an experiment I made in root-grafting of strawberries. You advised testing it this year and I have continued so, with further results. I gather that you have the same results. You may remember that I gathered together two pistillates and the plant lived and bore several berries. I again gathered the plant and set it in another place where it blossomed and fruit again. This year I gathered two runner plants and one pistillate, and the plants produced and the plants produced a staminata. Last August I grafted the same varieties—Fendall and Autocrat—and again the plant produced a staminata, and is now in blossom, although not put out until a late flowering season. I grafted several other varieties and they bloomed and fruit, but the time I was ill and cannot say what the flavour is like. The plants are doing well, but I must wait until another flowering season for results. In one case, however, Fendall pistillate and Pan American staminata were gathered together and the plants produced fall-bearing, and are at present in blossom with fruit, both green and ripe. They, too, will require another season to bear large results. I cannot say that any advantage over old methods will grow out of it. The method is new, however, and to me interesting. There is much to be learned—the best varieties to graft, the best method of grafting, the best time to graft, spring or fall, and if of any real value to berry producers, and whether the same method can be applied to other products. I am too aged and feeble to do much in any direction. Possibly others may become interested and take it up.

D. H. THOMAS.

Wyoming, Del.

PERSONAL.

Harry A. Bradt, formerly with F. A. Danker, Albany, N. Y., is now employed by Mark Altkem, Springfield, Mass.

C. Stuart Nasch, florist, Bank Street, Batavia, N. Y., and Miss Adelaide C. Beye of Rochester were married on August 23.

D. Cameron, American representative of F. Sander & Son, St. Albans, Eng., will sail for New York on September 29.

Phil. Kessler of New York has gone to the White mountains, accompanied by John Donaldson, for relief from his annual visit, hay fever.

Jackson Dawson of the Arnold Arboretum starts for Santa Fé on Friday of this week and expects to spend a fortnight in that neighborhood.

An announcement is made of the marriage, on September 6, of Gertrude Izette Roy, daughter of Mr. and Mrs. David F. Roy, to W. Edmund Hooke, at New York.

A. T. Boddington is again at his desk in New York and hustling business along after his vacation, which was some what of a discouragement owing to the seven days rain which it included.

Michael F. Ruane, florist, 121 Moody street, Walhain, Mass., while coming out of Passenger's Depot, Los Angeles, Boone, on September 3, slipped and broke his leg. He was taken to the Marlboro hospital.

John Meader, the aged florist in the employ of the Lehigh Valley Railroad, at Allentown, Pa., stepped on a piece of glass recently and sustained a wound which required five stitches to close.

John J. Connolly, formerly for a number of years head gardener to W. O. S. and H. W. Martin, New York, has been for the past four years in the employ of the late Geo. H. Morgan, Lenox, Mass., has accepted the position of head gardener in the Botanic Gardens, Springfield, Mass., and gardens of Mr. J. Henry Hammond, Mount Kisco, New York.

Visiting Boston—Sir Frederick Moore, curator of the Dublin Botanic Gardens at Glasnevin, Ireland, arrived in Boston on the Franconia, September 13, to study American horticulture and will spend the next few days in Boston. The late Sir Charles Wills, curator of the Royal Botanic Gardens at Glasnevin, will pay a visit of five days in Boston, and will give much attention to the Arnold Arboretum.


Monrovia, Cal.—C. A. Brunker, former of Washington, who came to Monrovia several years ago in connection with the Agricultural Department, has bought out the Florall Company of Los Angeles and opened a branch nursery on 337 South Spring street in Los Angeles, where he will dispose of his wares from the large nursery he has established in this city on East Greystone avenue.

September 16, 1911
PRIMULA MALACOIDES

"The Glorified Baby Primrose,"  

Offered for the first time in America. This variety will continue sending up a succession of blooming spikes (color, beautiful lilac), giving the appearance of a shower of blooms. The individual flowers are much larger than P. Forshei and infinitely more freely branched. It is highly recommended either for cut flowers or for plants, which sell readily on sight. Per trade pkt. $1.00; ¼ pkt., 60c.

Our Fall Bulb Catalogue of Quality Bulbs, etc., now ready. A post card will fetch one by return mail.

Arthur T. Boddington,  

Seedsman,  

342 W. 14th St., New York.

PHILADELPHIA NOTES.

The Leo Niessen Co. will move to their new building at 12th and Race Sts. on the 15th inst.

J. Liddon Pennock, Leo Niessen, Wm. Thompson, Raymond Kister and others formed a benevolent party in Mr. Pennock's "Winton Six" to the dahlia belt around Hammonton, N. J., on the 15th inst. Inspection of the dahlias was the principal objective.

Albert Jones, of the Pennock-Meehan Co., has just returned from a three weeks' vacation—we look for business to boom from now on. Can you say the same yet in Pennsylvania—successfully—took up the attention of this keen hunter after the latest and best. For some time now, you may look for bargains—and the smile that doesn't come off.

Charles Morey, lately a prominent figure in the retail and wholesale trade of Philadelphia, has transferred his activities to the south. He is now in charge of the retail cut flower department of the J. Van Lindley Nursery Co., Greensboro, N. C. We recently had the pleasure of a visit from Mr. Morey—accompanied by Paul Van Lindley—and the mutual exchange of greetings was heartfelt and sincere. We congratulate the firm on the acquisition of a first-class man.

Dr. John H. Washburn and Farmer Howard M. Earl gave a lunch on Thursday, Sept. 14th, at Farm School, Doylestown, for a dozen of the wits, poets and philosophers of that great horticultural center, Doone's, Philadelphia. Among the honored were Mr. Dr. Humphrey, Mr. Childs, and Mr. Woolf.

The program including inspection of the Farm School and of Fordhook Farms, then lunch and, after this, the prize colts, chickens and other horned cattle at both places were inspected. A delightful and memorable occasion. As for the hosts the fish they caught, the ducks they shot, the geese they killed, and the potatoes they dug—were something prodigious—for this bakers dozen of guests! One would have imagined they all had appetites of the Dr. Samuel Johnson order.

Visitors: Messrs. Jones and Russell of the Jones-Russell Co., Cleveland, O.; Mr. and Mrs. James Brown, Coutesville, Pa., on a trip westward from four to six weeks; P. Downs, representing Charles Allen, Fall River, Mass.; S. B. Dicks, Loudon, Eng.; H. L. Holmes, Harrisburg, Pa.

Our position in the trade is somewhat like that of an umpire of a base ball game. We get cussed a good deal and of course, for some enemies, for some man can have friends without enemies. However, we go right along pounding stone and doing what we believe is right, whether it be for our own good or for the good of the hive in general. We make mistakes to be sure, but ultimately we hope to be better understood and want the good will of all. Now there is one secret we have and we're going to let you in on it. It's a sort of woman's secret though, and you know a woman has only two views of a secret—either it's not worth keeping or it's too good to be kept. Our secret is too good to keep so you may tell it to anyone you want, and it's just this, that Horseshoe Brand Lily Bulbs have honestly got most other brands skinned a mile. More care and labor is expended upon them than you have any idea of. Nothing that human hands can do is left undone to make them better bulbs. They are priced as reasonable as we can afford to sell them. Try them if you don't know them—they are money-makers.

Prices upon application.

Ralph M. Ward & Co.  

12 West Broadway  

NEW YORK CITY

Cold Storage bulbs of various varieties ready for immediate or future shipment.

Bamboo Cones on hand.
LILIUM FORMOSUM

The Ideal Lily for the Small Grower

Can be grown nicely in a carnation house, but plant early and let your stock come along as it will. Enough of them will flower at Easter, just when they bring the best price.

SPLENDID WELL-RIPENED BULBS ON HAND NOW. ORDER TODAY.

<table>
<thead>
<tr>
<th>Size</th>
<th>No. to case</th>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 to 8 inches</td>
<td>400</td>
<td>$4.00</td>
<td>$35.00</td>
</tr>
<tr>
<td>7 to 9 &quot;</td>
<td>300</td>
<td>6.50</td>
<td>55.00</td>
</tr>
<tr>
<td>8 to 10 &quot;</td>
<td>250</td>
<td>8.75</td>
<td>82.50</td>
</tr>
<tr>
<td>9 to 10 &quot;</td>
<td>200</td>
<td>9.50</td>
<td>90.00</td>
</tr>
<tr>
<td>10 to 12 &quot;</td>
<td>150</td>
<td>12.50</td>
<td>115.00</td>
</tr>
</tbody>
</table>

These prices are for the trade only.

WHOLESALE BULB CATALOGUE NOW READY.

HENRY F. MICHELL CO.
518 MARKET STREET
PHILADELPHIA

Seed Trade

Albuquerque, N. M.—A new packing shed with side track is being built for the Roswell Seed Co.

Latest advice is to the effect that on pea deliveries the European seed pea contractors will be able to do about 10 per cent.

There is a decided shortage of some kinds of tulips in Holland. Dawns are especially inadequate for the heavy demand this year.

Among the many garden seeds which are reported as scarce in Europe are the French radishes, of which American seed houses have been able to secure only light deliveries and in some cases none at all.

We learn that the present season of unparalleded drought which has swept over the British Isles has proved very trying to producers of vegetables. This scarcity was apparent at the recent annual show of the National Vegetable Society in London, also at an exhibition arranged in connection with the Smallholding Section of the Festival of Empire, Crystal Palace.

A western concern asserts that timothy ought to be half the price of clover. Why? What is the relative cost of production? To our mind timothy has always been too low. It is nearer its proper level now than at any time we can remember in the last thirty years. Why look aghast at fifteen cent timothy? We ought to call it reasonable at twenty—all other things considered. If there ever was a case of getting something for nothing it has been timothy seed and lots of other seeds.

Many tulips have very tender skins this year, on account of the unkind weather in Holland. They should be kept in the bags as much as possible and not exposed to light and air more than necessary. Seedsmen who deal in bulbs are taking the precaution to advise their customers to this effect as careless handling resulting in scratching or bruising of the exposed bulb flesh is sure to cause decay and loss.

CATALOGUE RECEIVED.

E. S. Miller, Wading River, N. Y.—Trade Price-List of Bulbs and Hardy Plants for Fall of 1911. In another column we have given some notes on Mr. Miller’s bulb farm at Wading River. This catalogue presents, in detail, lists of the lilies, irises, peonies, etc., grown there, and wholesale prices to the trade.

NEWS NOTES.

Watseka, Ill.—N. E. Wyatt has purchased the Wyatt greenhouse plant from his aunt, Mrs. S. M. Wyatt.

Loveland, Colo.—A third interest in the Northern Colorado Nursery has been purchased by J. W. Pulliam.

Central City, Colo.—Mrs. Morrison, proprietor of the Central City greenhouses, is succeeded by Mary A. Weisbeck.

Bloomington, Ill.—Bernard and Harry Hempstead will now carry on the business of their father, W. T. Hempstead, he having retired.

INCORPORATED.

Columbus, Ohio—Wagner Park Nursery Co., capital stock $100,000. Incorporators, B. P. Wagner and others.


FOR COLD FRAMES

STRAW MATS
6 x 6, $1.50, $17.00 doz.

BURLAP MATS
6½ x 6½, $1.20, $14.00 doz.

WM. ELLIOTT & SONS,
42 Vesey St., New York

ONION SEED

We have a choice lot of new crop Silver Skin or Portugal, also other varieties. Write for prices.

SCHILDER BROS.

CHILlicothe . . . OHIO

COLDWELL LAWN MOWERS

Hand—Horse—Motor

Known All Over the World

Catalogue on Request.

NEWBURGH, N. Y.
NEW CROP
MOORE'S SUPERB CYCLAMEN
(Williams' Giant Strain)

This famous strain of Gigantnum varieties have large beautifully marbled leaves and stout flower stalks, throwing the enormous flowers of great substance and delightful fragrance well above the foliage, and cannot be excelled. Very profuse bloomers of striking beauty. Vigorous growers.

MOORE SEED CO.

Write for our Wholesale Catalogue
R. & J. FARQUHAR & CO.
Boston, Mass.

SEEDS, PLANTS, BULBS
All seasonable kinds of best quality
Special prices on large lots
JAMES VICK'S SONS,
Seedsmen
ROCHESTER, N. Y.

SEEDS
Write for Prices
PEAS, BEANS, RADISH
and all Garden Seeds

LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO
Wholesale
SEED GROWERS AND DEALERS

CHOICE BULBS
In great variety for present planting—in doors and out
THOMAS J. CREY CO.
32 South Market Street, Boston, Mass.

FINEST FLORISTS' SEEDS
Price list free on request.
Joseph Breck & Sons Corp.
47-54 No. Market St., BOSTON, MASS.

GIANT
English Cyclamen Seed—best strain, $5.00 per 100. Fancy Seed—home grown, $3.50 per oz. Mignonette Giant greenhouse forcing, $3.00 per oz., 1 oz. $1.00.

SKIDELSKY & IRWIN CO.
1215 Betz Bldg. Philadelphia

Florists and Seedsmen Sell Your Own Scratch or Poultry Food
We will make it for you under your own brand for $33.00 PER TON
Send for sample now. Write for new catalog giving average consumption and saving. Send for catalog.

J. BOLGIANO & SON,
Importers and Wholesalers. Established for 25 Years.
Baltimore, Md.

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas,
Growers for the Wholesale Trade Only.

Burpee's Seeds
PHILADELPHIA

Bridgeman's Seed Warehouse
RICKARDS BROS.
Props.
37 East 19th St., NEW YORK CITY

Sphagnum Moss
In Flats 1 bale; per bale 10 bales for $3.00, 10 bales for $2.00.

The W. W. Barnard Co.
108-110 W. Kinzie St., CHICAGO
Of Interest to Retail Florists

San Francisco, Cal.—Serveau Bros., florists, 125 Post street, are succeeded by E. Service.

South Norwalk, Conn.—Additions are being made to the plant of John H. Smith.

Detroit, Mich.—Miss Hattie Hollbauer, 20 John R. street, will remove to 57 East Grand River avenue.

Johnston, Pa.—W. Schrader has moved his flower store to larger quarters in the Conrad Building. Miss Margaret Schneider has moved to the quarters vacated by Mr. Schrader.

Detroit, Mich.—The Beml Floral Co., Albert Pochelon, proprietor, is building a new store and conservatory. The store is four-story steel construction, and will be one of the finest in this section.

STEAMER DEPARTURES

American.
Anchor.
Cambridge, N. Y.—Glasgow...Sept. 23.
Atlantic Transport.
Minneapolis, N. Y.—Liverpool, Sept. 23.
Cunard.
Franzfort, Boston-Liverpool, Sept. 19.

Carpathia.
Cunard, N. Y.—Liverpool, Sept. 27.

Hamburg-American.
Buchanan, N. Y.—Hamburg, Sept. 19.
Cincinnati, N. Y.—Hamburg, Sept. 23.

Holland-America.
Byrdam, N. Y.—Rotterdam...Sept. 19.
Potsdam, N. Y.—Rotterdam, Sept. 23.

Leyland.
Winifred, Boston-Liverpool, Sept. 23.

North German Lloyd.
Kropp's Cecilie, N. Y.—Bremen, Sept. 19.
Princess Irene, N. Y.—Bremen, Sept. 23.

Red Star.
Flinthad, N. Y.—Antwerp.....Sept. 25.

White Star.
Baltic, N. Y.—Liverpool, Sept. 21.
Osmand, N. Y.—Hamburg, Sept. 23.
Zeeland, Boston-Liverpool, Sept. 29.

NEW FLOWER STORES.

New York, N. Y.—Sturh & Gray, 61 East 12th street.
Denver, Colo.—C. Zbinden, Fifteenth and Lawrence streets.
St. Paul, Minn.—Hill City Greenhouses, Willard Secor, proprietor, Payne avenue.
Springfield, Ohio—Mrs. Nettie Jacobs and Mrs. Beside Ackerman-Rightmire, 15 South Fountain avenue.

A report is current in the wholesale flower district in New York that a large area on the second floor of the Coogan Building. 55-57 W. 26th street has been leased by a new concern to be called the Manhattan Plant and Cut Flower Company.
CHICAGO NOTES.

Business Revival.

A decided change is springing up in all lines of the florists' trade. Since the opening of the schools, which has brought thousands of new and old customers, the retailers have enjoyed an increase in their sales. The florists' supply houses are daily receiving large orders from all over the country and the general feeling prevails that a good season is now opening up. The plant growers are coming in for their share of the business, for they have already overhauled their stores and plants are now a necessity in all first-class retail flower stores. Some very beautiful effects with artificial flowers and foliage are seen in the fall decorations of the big stores and Chicago is now quite a center for the manufacturing of these goods.

Coming Show.

The full show at the Art Institute given by the Horticultural Society of Chicago, September 21-22, is expected to be of a high order as asters and dahlias are just in their prime and all plants and flowers are at their height. There are many fine places in this vicinity whose owners take great pride in them and a first-class exhibit is looked for.

Trade Notes.

The E. H. Hunt Co. is putting on the market the Noxall House Coupler. This is an improvement over the well-known Acme Coupler and which has long been recognized as the best coupler ever on the market.

Noxall is similar with changes enough to bring it up-to-date. Their Noxall Hose has met with great success during the two years they have handled it and the coupler will not do meet the same hearty response.

Quite a number of florists will embark in the retail business for themselves this fall. Duncan Roberts and Catherine C. Greene, both for several years with the E. Wienhoeber Co., have sent out cards announcing their opening. October 1st, at Bellevue place and Rush street. This is in a fine residential district and the two will make a strong team in pulling for their share of the North Side trade. Charles E. Hunt has severé his connection with the E. H. Hunt Co., September 15th, and will then decide between the different stores available and make ready for an independent start. The Bride of the House Florist has opened another store on Van Buren street, between State and Dearborn streets. E. Leslie will open a store on the corner of Randolph and State streets.

Personal.

Mr. Wolf, for many years bookkeeper for J. A. Budding and who has lately returned from the West, has taken a position with Zeck & Mann.

Mrs. Harry Reeser of Springfield, Ohio, has been visiting her sister, Mrs. Youngstram, of Glenview, III., the past two weeks. Mr. Reeser is a florist at Springfield and Mr. Youngstram is a landscape gardener and nurseryman at Glenview.

William Allen, who has charge of the conservatory at Schiller's on West Madison street, has had something on his mind and all his leisure hours have been spent in preparing a flat for a mysterious someone who arrived from the East Monday, accompanied by relatives. Further details will be reported later.

Mr. and Mrs. C. H. Fisk returned on the 7th Inst. from a six weeks' tour of the West. Going by the southern route they visited the north-west one they visited Old Mexico and all the principal cities on the Pacific Coast and have some thrilling tales to tell of their mountain ride in the Canyon of the Colorado and other experiences.

OUT OF THE GINGER JAR.

A certain supply house advertisements that their sales were 71 per cent ahead of last August. That does not prove anything of value. Bancombe don't go with the flowers. They all from the East and all sales may have been next to nothing the August before. A cent's worth sold last year and two cents' worth this year—100 per cent. Better change your professor of publicity. You are no doubt paying good money for the space. We are sorry for you. As a good model for an ad of that kind of goods, what's the matter with the "Rice Standard."

Of all the presents and memelito of wooden, tin, silver and brass, I find wedding of gold off, of tributes of sympathy, of hurrahs—of all the common things that make up our common lives—not one has ever brought a smile to the face, the hand clasp, the lump in throat as does a box of flowers—so far as my thirty years' experience of these things goes. Especially with the ladies. I really believe they will pass on and have a bunch of American Beauties at just the right time than a six-cylinder automobile. So, you retailers, get your enthusiasm up and really come in! Put some life and heart into it. It's wonderful how different you can be if you really try.

GEORGE C. WATSON.

The Florists' Supply House of America


NEW ENGLAND
FLOWER DELIVERIES
Send flower orders for delivery in Boston and all New England points to
THOS. F. GALVIN
124 Tremont St., Boston

TRANSFER
Your orders for flower or plant delivery in Eastern New England to
JULIUS A. ZINN
1 Park St., Boston

WELLESLEY COLLEGE
Dana Hall, Walnut Hill and Rocktree Hill Schools. TAILBY, WELLESLEY, MASS. Tel. Wellesley 44-1 and 2. Night 44-3

HORTICULTURE.

WASHINGTON NOTES.

Willet M. Hayes, assistant secretary of agriculture and in charge of the residence of the late E. F. Droop in Rockville, Md.

F. H. Kramer has been offering a hamburger for the Declaration of Independence, suitable for framing, with each purchase amounting to a dollar or more. The building has been located at 17th and F Streets, N. W., known as the Thompson property and in which is located the store of the Washington Florists Co., was last week sold at auction at a price of nearly half a million dollars.

F. H. Kramer, 916 F street, N. W., is looking for the arrival of a shipment of bulbs from Le Gardeur, Inspector of Ollonne, France, consisting of 100,000 paperwhite grandiflora and 40,000 Grand Soleil d'Or. These will be planted in the America House.

The will of the late Joseph K. Freman has been entered for probate in the local court. The estate is valued at about $150,000. The store at 1911 Northumberland street, N. W., is valued at $75,000; the business at $10,000, the balance being in real and personal property. Mrs. Freeman is appointed administratrix and practically the sole beneficiary.

One of the handsomest bouquets of the season was that furnished by Gude Breitkofe to a group of officers invited last Saturday night to the members of the troupe, who for five months entertained the public at the Columbia Theatre. This was no carriage bouquet but a bunch of American Beauties in iron and five feet in diameter. Each actress was also presented with bunches of American Beauties and other roses. This was the company's farewell appear-

The Cosmos Theatre, a popular-priced vaudeville house celebrated its third anniversary this Saturday by giving its lady patrons corsage bouquets consisting of from four to six fresh cut roses. On Labor Day about 2000 bouquets were thus distributed and an average of 2000 bouquets a day during the balance of the week. This proved a business getting souvenir and members of the local trade benefited by the sale of the flowers. The theatre is decorated with palms, ferns and cut flowers.

CLARENCE L. LINZ.

"FLOWERS BY TELEGRAPH."
Leading Retail Florists Listed by Towns for Ready Reference.


Buffalo, N. Y.—Palmer's 304 Main St. Bayard, N. Y.—V. N. Smith, 109 Main St.

Chicago—William J. Smith, Michigan Ave. and 31st St.


Elgin, Ill.—Daniel S. Murray, 912 gravel Ave.

Kansas City, Mo.—Wm. L. Rock Flower Co., 1136 Walnut St. Louisville, Ky.—Jacob Schutz, 500 South Fourth St.

New York—David Clarke's Sons, 2130-2132 Broadway.

New York—Alex. McConnell, 615 Fifth Ave.


New York—Young & Clark, 428 Fifth Ave.

New York—Dardis, N. E. cor. 44th St. and Madison Ave.

St. Paul, Minn.—Helm & Olson.


Wellesley, Mass.—Tailby.
DAHLIAS
$1.00-$3.00 per 100
DOROTHY PEACOCK
$5.00 per 100

Through careful selection of the best varieties, every season sees an advance in the quality of our Dahlias. Our list is made up of such kinds as we believe best for cut flower purposes. Try a shipment.

**The Leo Niessen Co.**
Wholesale Florists
1209 Arch Street, PHILADELPHIA, PA.

---

**Welsh Bros.**
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED
226 Devonshire Street, Boston, Mass.

---

**Cut Flower Boxes**
EDWARDS FOLDING BOX CO.
MANUFACTURERS
PHILADELPHIA, PA.

---

**J.A. Budlong**
82-84-86 E. Randolph St., Chicago
OUR STOCK IS A-1 AND IT IS QUALITY NOT PRICES THAT TALKS

---

**Chicago Flower Growers’ Association**
Wholesale Growers of Cut Flowers and Plants
176 N. MICHIGAN AVE., BETWEEN RANDOLPH AND LAKE STREETS, CHICAGO

---

**Henry M. Robinson & Co.**
15 Province St., 9 Chapman Pl., BOSTON, MASS.
Everything in Flowers
Complete Stock of Florists’ Greens, Three Floors of Florists’ Supplies.

---

**The Best Letters**
FOR FLORISTS
THOSE MADE
USE
BY THE
Boston Florist Letter Co
40 Pearl St., Boston
N. F. McCarthy, Mgr.
Order direct or buy from your local supply dealer. Insist on having the
BOSTON
Inscriptions, Emblems, etc. Always in Stock.

---

THE BEST LETTERS
FOR THOSE MADE
USE
BY THE
Boston Florist Letter Co
40 Pearl St., Boston
N. F. McCarthy, Mgr.
Order direct or buy from your local supply dealer. Insist on having the
BOSTON
Inscriptions, Emblems, etc. Always in Stock.
MOSS

Having our own men in Jersey who gather and bale the moss, we are in a position to make the following extraordinary low prices.

Per 7 bbl. bale, $2.25; 10 bale lots at $2.00 each.
Per 10 bbl. bale, $3.50; 10 bale lots at $3.15 each.

This special offer is good only for a limited time. It is therefore important that orders be placed at once; even if you do anticipate your wants ahead of actual necessity.

Each bale is covered with burlap, thus insuring cleanliness around the store and no waste.

Distributing Agents for the great new roses for 1912.

DOUBLE WHITE KILLARNEY AND KILLARNEY QUEEN

Write us for particulars and prices. Orders booked now.

S. S. PENNOCK-MEEHAN CO.
THE WHOLESALE FLORETS OF PHILADELPHIA

NEW YORK
109 W. 28th Street

PHILADELPHIA
1608-1620 Ludlow Street

WASHINGTON
1212 New York Ave.

FIELD GROWN CARNATION PLANTS
See our advertisement in Horticulture of Sept. 2.
We still have some fine plants of most of the varieties to offer.

WHTISMELER.

R conquer. (600 bbls.)

CHICAGO tributte all the troubles in the flower business this year to the over-production of asters. Certain it is that they have flooded the market for many weeks and the end is not yet in sight. This week, it is impossible to sell good asters for more than two cents and altogether too large a proportion of the cut is still going into the barrel. Where these flowers are so cheap it cuts into the sales of other flowers and especially is this true when the "improved back yard" idea has been put into effect and a home-grown crop, as of asters, produced. Between the big crops of gladioli and asters the demand for roses is bound to diminish. Beauties are selling fairly well and stock is good. Carnations are the for the season. Some excellent.

Killasneys and Birdes are seen about the market each day and especially fine lot were noticed at Hoerber Bros, this week. Green in general is plentiful. Smilax is the only kind that is scarce and this is easy to get if the buyer pays the price. Tub roses are among the flowers that are side-tracked this year; the demand for them is apparently lacking. Autumn leaves in profusion are now coming in and the window decorations are bountiful.

The first day of this CINCINNATI week started with a rush. The supply was larger than the call, which was not small by any means. The activity
M. C. FORD
Successor to
FORD BROTHERS
121 West 28th Street
NEW YORK
FINE ROSES, FANCY CARNATIONS
A Full Line of All CUT FLOWERS.
Telephone, 3870 or 3871 Madison Square

H. E. FROMENT
Wholesale Commission Florist,
Choice Cut Flowers,
47 West 28th St. :: NEW YORK
Telephones: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send for quotations. Correspondence with shippers of first-class stock invited.
130 West 28th Street, New York
Telephones 4826-4827 Madison Square.

Edward C. Horan
Wholesale Florist
55 WEST 28th ST.

Moore, Hentz & Nash
Wholesale Commission Florists
55 and 57 West 26th Street
Telephone No. 768 Madison Square

WM. P. FORD—
Wholesale Florist
45 W. 28 Street, NEW YORK
Call and Inspect the Best Establishment in the Wholesale Flower District.

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ MAURICE L. GLASS
Coogan Building, 55-57 West 26th Street
NEW YORK CITY
Telephone 2921 Madison Square

THE KERVAN COMPANY
Fresh Cut Evergreens, Mosses
Southern Smilax, Galax and Leucotheum,
Preserved and Fresh at
Cyca and Palmetto.
Tel. 1519 1583 Madison Square

REED & KELLER
122 West 28th St., New York
Florists’ Supplies
We manufacture all our
Metal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Glassware, Greens and Florists’ Requisites

P. J. SMITH
Successor to JOHN I. RAYNOR
Wholesale Commission Florist
A full line of Choice Cut Flower Stock for all purposes
During the 100, 1900 or 10,000
TEL. 1908 MADISON SQUARE
49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—3532-3533 Madison Square

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, Jr.
55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th>Variety</th>
<th>1st Half of Week ending Sept. 8, 1911</th>
<th>1st Half of Week beginning Sept. 11, 1911</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Beauty</td>
<td>$2.00 to 2.50</td>
<td>$2.00 to 2.50</td>
</tr>
<tr>
<td>Fancy</td>
<td>$2.00 to 2.50</td>
<td>$2.00 to 2.50</td>
</tr>
<tr>
<td>Extra</td>
<td>$2.00 to 2.50</td>
<td>$2.00 to 2.50</td>
</tr>
<tr>
<td>No.1</td>
<td>$2.00 to 2.50</td>
<td>$2.00 to 2.50</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>$1.50 to 2.00</td>
<td>$1.50 to 2.00</td>
</tr>
<tr>
<td>Richmond, Chester, Extra and Special</td>
<td>$2.00 to 2.50</td>
<td>$2.00 to 2.50</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>$1.50 to 2.00</td>
<td>$1.50 to 2.00</td>
</tr>
<tr>
<td>Killarney, My Merryland, Extra and Special</td>
<td>$2.00 to 2.50</td>
<td>$2.00 to 2.50</td>
</tr>
<tr>
<td>Extra</td>
<td>$1.00 to 1.50</td>
<td>$1.00 to 1.50</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>$0.75 to 1.00</td>
<td>$0.75 to 1.00</td>
</tr>
<tr>
<td>Bride, 'Tin</td>
<td>$0.50 to 1.00</td>
<td>$0.50 to 1.00</td>
</tr>
<tr>
<td>Katahdin, Carnot, Tall</td>
<td>$0.50 to 1.00</td>
<td>$0.50 to 1.00</td>
</tr>
<tr>
<td>Carnations, First Quality</td>
<td>$0.75 to 1.00</td>
<td>$0.75 to 1.00</td>
</tr>
<tr>
<td>Ordinary</td>
<td>$0.50 to 1.00</td>
<td>$0.50 to 1.00</td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephones 1582 & 1585 Madison Square

SIEBRECHT & SIEBRECHT
Wholesale Florists
136 W. 28th St., New York City

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers
54 West 28th St., NEW YORK
Prompt Payments. Telephone 3555 Madison Sq

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK
Shipments, any quantity, Wholesale Market Rates.

ROBERT J. DYSART
Public Accountant and Auditor
Simple methods of correct accounting especially adapted for florists’ use.
Books Balanced and Adjusted
28 STATE ST., BOSTON
Telephone, Main 58

Wired Toothpicks
Manufactured by W. J. COWEE, BERLIN, N. Y.
10,000... $1.75; 50,000... $7.50
For sale by dealers
FLOWER MARKET REPORTS

(Continued from page 90)

or rather the lack of activity on the part of the buyers on Tuesday, however, showed that this spurt was only a replenishing, and that business was not as bright as was anticipated.

Still during the past fortnight, though the quantity of the offerings increased daily, most that was worth while sold, while the poorer stock was a positive drug on the market. At the time of this writing asters and gladiori are somewhat more than sufficient for request. Roses and carnations, too, are coming in stronger. Lilies have shaded slightly in price and are in good supply. Cosmos is offered in small quantities and is snapped up quickly. As a whole where the offerings and sales are considered the prices brought are fair. The quality of almost everything is all an exacting buyer might desire at this time of the year. The green goods market is ample.

As to the present market situation the least said the better. It is not different from any other year and to the one who dislikes fakirs it is even better because there are none at the present. Trade is of a very unsteady condition and the prevailing warm spell will keep it so for a while to come.

The tendency to multiply the number of varieties of roses grown as standard stock for the cut flower market is seen in the product from young planted stock of this season on the benches of the wholesale dealers. For many years the roses that could be regarded as staples never exceeded half a dozen but, if

or rather the lack of activity on the part of the buyers on Tuesday, however, showed that this spurt was only a replenishing, and that business was not as bright as was anticipated.

Still during the past fortnight, though the quantity of the offerings increased daily, most that was worth while sold, while the poorer stock was a positive drug on the market. At the time of this writing asters and gladiori are somewhat more than sufficient for request. Roses and carnations, too, are coming in stronger. Lilies have shaded slightly in price and are in good supply. Cosmos is offered in small quantities and is snapped up quickly. As a whole where the offerings and sales are considered the prices brought are fair. The quality of almost everything is all an exacting buyer might desire at this time of the year. The green goods market is ample.

As to the present market situation the least said the better. It is not different from any other year and to the one who dislikes fakirs it is even better because there are none at the present. Trade is of a very unsteady condition and the prevailing warm spell will keep it so for a while to come.

The tendency to multiply the number of varieties of roses grown as standard stock for the cut flower market is seen in the product from young planted stock of this season on the benches of the wholesale dealers. For many years the roses that could be regarded as staples never exceeded half a dozen but, if
ACCOUNTANTS

B. J. Drake, State St., Boston. For page see List of Advertisers.

AMARYLLIS


AMPELOPSIS

Ampepods Veltchill, 4-in., 2c each; $2.00 per doz.
Ampepods Engelmanni, 4-in., 2c each; $2.00 per doz.

Edgewood, Chicago, Ill.

AURACIAS

A. Leathy & Co., Perkins St., Nurseries, from Maine, Mass. For page see List of Advertisers.

Goreaddy Ackerman, 1012 Ontario St., Philadelphia. For page see List of Advertisers.

Amurcana excelsa, 5-in., 4rt feet, 5c each; $3.00 per doz.


ASPARIUS


A. N. Pierson, Inc., Croomsall, Conn. For page see List of Advertisers.

Asparagus scedums deluxus, 4-in., 50c per doz.
Asparagus Sprungeri, 4-in., 1.50 per doz., $10.00 per 100. $50.00 at 1000 roots.

Asparagus plumosus, 2-in., $3.00 per doz.


1000 Asparagus Sprungeri, good strong one year plants, 320 Rebea St., Wollaston, Mass.

Asparagus Sprungeri and Plumosus, fine extra strong healthy stock from 3-in. pots, $4.00 per 100, cash. No better stock ever offered for the money. Plant now to cut O. B. Keekie, 52 Alexander Ave., Belmont, Mass.

ASTER SEED

Elmer D. Smith, Adrian, Mich. For page see List of Advertisers.

AZALEAS

O. W. Gundera, Hoboken, N. J. For page see List of Advertisers.

A. Leathy & Co., Roslindale, Mass. For page see List of Advertisers.

Lecocher & Co., New York, N. Y. For page see List of Advertisers.

BAY TREES

A. Leathy & Co., Roslindale, Mass. For page see List of Advertisers.

Bobbie & Atkins, Rutherford, N. J. For page see List of Advertisers.

Ray Trees and Box Trees, all sizes available. For page see List of Advertisers.

Julius Roche Co., - , Rutherford, N. J.

BEGONIAS

A. Leathy & Co., Roslindale, Mass. For page see List of Advertisers.

Thomas Roland, Nabot, Mass. Lorraine Begonias. For page see List of Advertisers.

BERKLEY PLANTS

Jermwell cherries, held- grown, 4-in., $1.00 per 100.

Climax peppers, 4-in., extra fine, $1.00 per 100. 5c., 25c. per doz.


BOILERS

Kroechel Bros., 405 Erie St., Chicago. For page see List of Advertisers.

BOXWOOD TREES


Bobbie & Atkins, Rutherford, N. J. For page see List of Advertisers.

A. Leathy & Co., Roslindale, Mass. For page see List of Advertisers.

Julius Roche Co., Rutherford, N. J. Box Trees all sizes. Ask for special list.

BOUGHERS-CUT FLOWER-FOLDING

Evelyn Folding Box Co., Philadelphia. For page see List of Advertisers.

Folding cut flower boxes, the best made. Write for list. Holten & Huben Co., Milwaukee, Wis.

BULBS AND TUBERS

Joseph Breck & Sons, 47-54 N. Market St., N. Y. For page see List of Advertisers.

J. M. Thorburn & Co., 33 Barclay St., N. Y. For page see List of Advertisers.

A. T. Bodgell, 342 W. 14th St., N. Y. For page see List of Advertisers.

Ricks Bros., 27 East 85th St., New York. For page see List of Advertisers.


T. J. Grey & Co., 32 and 33 So. Market St., Boston. For page see List of Advertisers.


Horsemiad Brand. For page see List of Advertisers.

James V. DeRosa, Rochester, N. Y. For page see List of Advertisers.

Leocher & Co., New York, N. Y. For page see List of Advertisers.

John Lewis Childs, Flowerfield, L. I., Long Island. For page see List of Advertisers.

The W. H. Barnard Co., Chicago, Ill. For page see List of Advertisers.

Fletcher, Poole, Revere, Boston, Mass. For page see List of Advertisers.

E. S. Miller, Wading River, N. Y. Bulbs and Roots for Fall Planting. For page see List of Advertisers.

CARNATIONS—Continued

CARNATIONS—Continued

Carnations, large strong healthy plants. Enchantress and Rose Enchantress, $2.00 hundred. Boston Market. Mud, $4.00. Ask hate, Claymade, Enchantress, $4.00.

FIELD GROWN CARNATION PLANTS.

Mrs. C. W. Ward, $5.00 per hundred. $75.00 per thousand. May Day, $2.00 per hundred. Absolutely clean, healthy plants. Pleasant View Gardens, North Towsonky, Mass., address Frank F. Putnam, Lewell, Mass.

CARNATION STAPLE

Pillbury's Carnation Staple, 50c. per 1000, postpaid. J. L. Pillbury, Cambridge, Ill.

CHRYSANTHEMUMS

Elmer D. Smith, Adrian, Mich. For page see List of Advertisers.


Chrysanthemums, rooted cuttings, Monrovia, Pony Rose, $12.00 per 100. Violets, Princess of Wales, 95c. per 500, 9c. per 1000. Chrs. Lunker, Freeport L. L., N. Y.

CHRYSANTHEMUM CANES

Wm. Elliott & Sons, New York, N. Y.

CINERARIAS

Cineraria, best strain dwarf, 2½ in. 2c each; 500 for $5.00. J. C. Schmidt, Breslau, Poland.

COCONUT FIBRE SOIL

20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

CROTTONS

Crotton, 2¼ in., $1.00 per doz.; 3¼ in., $1.55 per doz.; 4½ in., $3.50 each. For page see List of Advertisers.


CYCLAMENS

Cyclamen—Best Varieties in different colors, 3-in. pots, strong stock. $1.00 per 100, $8.00 per 1000. Julius Roche Co., Rutherford, N. J.

DAHLIAS

Herbert H. N. J. For page see List of Advertisers.

R. Vincent, Jr. & Sons, White Marsh, Md. For page see List of Advertisers.

R. Vincent, Jr. & Sons, White Marsh, Md. For page see List of Advertisers.

Double Dahlias (Bellia), mixed, nice plants, $1.25 per 250; $2.00 per 500. M. P. Sanders Co., 25 Burnett St., Providence, R. I.

Dahlias—200 field clumps, latest varieties, cheap for cash; or what have you to exchange. Geo. H. Walker, Dahlias Ex¬ pert, North Dighton, Mass.

Dahlias, divided roots, from 1 to 3 cm. to the piece. Send for catalog and get the latest varieties. W. E. LOTTHROP, Brook¬ ton Dahlias Farm, E. Bridgewater, Mass.

DAHLIAS FOR 1911

Dorothy Poeck, Mrs. J. Gardner Cassett, Golden Wedding, New Century Dahlias, etc. Choice Dahlia Farms, Williams- ton Township, N. J. Post Office, Berlind, N. J.

DECORATIVE PLANTS


GARDENING

DEPARTMENT PLANTS—Continued

Robert Craig Co., Market and 49th St., Boston, Mass.

For page see List of Advertisers.

John Scott, Brooklyn, N. Y.

For page see List of Advertisers.

DAECHANS.

Drawn from November 1911, 4$, 2T.20 per doz.; 4T., 2$ per doz.; 4$, 2$.25 per doz.; 4$, 2$.30 per doz.; 4$, 2$.35 per doz. Drawn from 21st, 2$.35 per doz.; 35c., 2$.30 per doz.; 35c., 2$.25 per doz.; 35c., 2$.20 per doz.; 35c., 2$.15 per doz. Drawn from 35c., 2$.10 per doz. Drawn from for 21st, 35c., 2$.05 each; 35c., 2$.00 each. The Geo. Witthold Co., Edgebrook, Chicago, Ill.

EVERGREENS


For page see List of Advertisers.

Robinson & Atkins, Rutherford, N. J.

For page see List of Advertisers.

PEARS A. Lechey & Son, Bristol, Pa.

For page see List of Advertisers.

H. H. Barrows & Son, Whitman, Mass.

For page see List of Advertisers.

John Scott, Brooklyn, N. Y.

For page see List of Advertisers.


For page see List of Advertisers.

F. H. Pierson Co., Westport-on-Hudson, N. Y.

For page see List of Advertisers.

Joseph Heacock, Wycocto, Pa.

For page see List of Advertisers.


For page see List of Advertisers.

Anderson's nursery for 1912 and outdoors.

Largest commercial plant collection in the country. Ask for descriptive catalogue.

J. F. Moloney, Fertilizer Specialist, Short Hills, N. J.

For page see List of Advertisers.

Fertilsers for 1912.

For page see List of Advertisers.

Markette Bros., Importers and Manufacturers of Geraniums, Pinks, and Hardy Roses, 551 Ave. M, Chicago, Ill.

For page see List of Advertisers.


HARDY PERNs AND SUPPLIES H. M. Robinson & Co., Cleveland, Ohio.

For page see List of Advertisers.

Michigan Cut Flower Exchange, 28 and 49 Broadway, Detroit, Mich.

For page see List of Advertisers.

Kerzner Co., New York.

For page see List of Advertisers.

J. Jackby, Boston, Mass.

For page see List of Advertisers.

HEATING APPLIANCES

Kroesheil Bros., 466 Erie St., Chicago, Ill.

For page see List of Advertisers.

HIBERNACEOUS PLANTS

P. O. Long, 1333, No. 1, Holoken, N. J.

For page see List of Advertisers.


For page see List of Advertisers.

Robinson & Atkins, Rutherford, N. J.

For page see List of Advertisers.

SMOKETTI LILY

Fotro 2$.25 per seed, Harrison's Select Nursery Co., York, Neb.

For page see List of Advertisers.

HONEY SUCKLES

Lonidr Hill aims, Hill's honeysuckle, 4 in., 2$.25 each; 2$.25 per dozen. The Geo. Witthold Co., Edgebrook, Chicago, Ill.

HOSE


For page see List of Advertisers.

HOT-BED SAND


For page see List of Advertisers.


For page see List of Advertisers.

Parakillows Bros., Brooklyn, N. Y.

For page see List of Advertisers.

Lord & Burnham Co., 1133 Broadway, N. Y.

HYDRANThAS

F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

For page see List of Advertisers.

INSECTICIDES

Eastern Chemical Co., New York, N. Y.

For page see List of Advertisers.

in writing to Advertisers kindly mention Horticulture
POT HANGERS
Pot hangers, Kramer's $1 doz. by exp. $1.25 by mail. J. N. Kramer & Sons, Cedar Rapids, Iowa.

PRIMULAS
Primulas Chinese, fine plants. 25c in 100; 50c in 200; $1.00 for $5.00. J. C. Schmidt, Bristol, Pa.

PRIMULA MALACOIDES
Arthur T. Boddington, New York, N. Y. For page see List of Advertisers.

PRIVET
California Privet, all quantity, size, age. Others say ours is the best grown. Write for prices, also on hedge plants, fruit trees, espaliers, etc. Franklin Davis Nursery Co., Baltimore, Md.

P. O. Wuerker, Hoboken, N. J. For page see List of Advertisers.

P. O. Wuerker, Hoboken, N. J. For page see List of Advertisers.
PROSPECTOS
P. Ouwerkerk, P. O. No. 1, Hoboken, N. J.
For page see List of Advertisers.

ROSES
For page see List of Advertisers.

W. & T. Smith Co., Geneva, N. Y.
For page see List of Advertisers.

Bay State Nurseries, North Abington, Mass.
For page see List of Advertisers.

For page see List of Advertisers.

WOOD BRID, Fishkill, N. Y.
For page see List of Advertisers.

Eastern Nurseries, Jamaica Plain, Mass.
New Roses Originated by Edward Howson.
For page see List of Advertisers.

For page see List of Advertisers.

SEED GROWERS
Brasian Seed Growers Co., San Jose, Cal.
For page see List of Advertisers.

SEEDS
For page see List of Advertisers.

Joseph Brock & Sons, 51 and 52 N. Market St., Boston, Mass.
For page see List of Advertisers.

Richard Bros., 37 E. 10th St., New York, N. Y.
For page see List of Advertisers.

Michell's Colonial Mignonette.
For page see List of Advertisers.

For page see List of Advertisers.

Arthur T. Radford, New York, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

J. M. Thorburn & Co., 33 Broadway, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

Leonard Seed Co., Chicago, Ill.
For page see List of Advertisers.

Wm. Elliott & Sons, New York.
For page see List of Advertisers.

James W. Sales & Co., Rochester, N. Y.
All Leading Varieties of Seeds.
For page see List of Advertisers.

Giant English Climbing and Mignonette.
For page see List of Advertisers.

The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

J. Helburn & Son, Baltimore, Md.
For page see List of Advertisers.

NEW CROP GIANT CYCLAMEN SEED
For page see List of Advertisers.

Hjalmar Hartmann & Co., Copenhagen, Denmark.
For page see List of Advertisers.

SPHAGNUM MOSS
For page see List of Advertisers.

The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

Live Sphagnum moss, orchid pot and orchid baskets always on hand. Lager & Harrell, Summit, N. J.
Ten bales sphagnum moss, $7.00. Z. K.
Jewett Co., Sparka, Wis.

SPRAYS
Chas. J. Jago Co., Boston, Mass.
For page see List of Advertisers.

STEVIAS
Stevias, 2 In., cut back once, $0.00 per 100, cash. M. B. Saunders Co., 25 Burnett St., Providence.

STRAWBERRY PLANTS
Warren Shinn, Woodbury, N. J.
For page see List of Advertisers.

TREE RENOVATION
John T. Wilthers, Inc., Jersey City, N. J.
For page see List of Advertisers.

VALLEY PIPS
Hjalmar Hartmann & Co., Woodbury, N. J.
For page see List of Advertisers.

Loechner & Co., New York, N. Y.
For page see List of Advertisers.

VEGETABLE PLANTS
Warren Shinn, Woodbury, N. J.
For page see List of Advertisers.

VENTILATING APPARATUS
For page see List of Advertisers.

The Advance Co., Richmond, Ind.
Improved Ventilator Arm.
For page see List of Advertisers.

VOILETS
Princess of Wales, Waist 29 1/2" per 100; $5.00 per 1000. Fhie, healthy stock. Order quick! Charles Lenker, Foreport, L. I., N. Y.

WIREWORK
Reed & Keller, 122 W. 35th St., N. Y.
For page see List of Advertisers.

J. Jansky, Boston, Mass.
For page see List of Advertisers.

Wreathworks, Write for our catalogue.
Hollon & Hunkel Co., Milwaukee, Wis.

WIRED TOOTHPICKS
W. J. C. Oberlin, Berlin, N. Y.
For page see List of Advertisers.

WOOD PRESERVATIVE
Conservus Wood Preservative doubles the life of all exposed lumber. Preserves benches, posts, slats or planking. Costs 3c. a stick, and saves ten times its cost. Samuel Cawbi, Inc., Mfg. Chemists, Boston, Mass.

WHOLESALE FLORISTS—Continued
Chicago
Peter Reimer, 51 Washington Ave.
For page see List of Advertisers.
For page see List of Advertisers.
J. A. Reddington, 37-39 Randolph St.
For page see List of Advertisers.

Cincinnati, Ohio
The J. M. McCullough & Sons Co., 318 Walnut St.
For page see List of Advertisers.

Cromwell, Conn.
A. N. Pluorn, Cromwell, Conn.
For page see List of Advertisers.

Detroit
Michigan Cut Flower Exchange, 38 and 40 Broadway.
For page see List of Advertisers.

New York
M. C. Ford, 121 W. 28th St., New York.
For page see List of Advertisers.

E. C. Horan, 55 W. 28th St., New York.
For page see List of Advertisers.

A. L. Young & Co., 54 W. 28th St., N. Y.
For page see List of Advertisers.

Greater New York Florists' Association, 95 Livingston St., Brooklyn, N. Y.
For page see List of Advertisers.

Philadelphia
For page see List of Advertisers.

For page see List of Advertisers.

Little Ads Bring Big Returns
Little ads in our Classified Columns bring big returns to both advertiser and purchaser. Anything that can be sold to florists, gardeners, park and cemetery superintendents, etc., can be sold through this medium in this department, and at very little cost.
Don't fail to read them each issue, for you will find one or more that will prove profitable to you.

They Cost Only One Cent a Word Undisplayed
New Offers in This Issue.

ALTERNANTHERA "JEWEL." Class, H. Totry, Madison, N. J.
For page see List of Advertisers.

CANNAS, DAHLIAS.
R. Vinson, Jr., & Sons Co., White Marsh.
For page see List of Advertisers.

CARNATIONS, BOUVARDIAS.
John W. Foote, Heding, Mass.
For page see List of Advertisers.

CHRISTMAS AND WINTER FLOWERS, SMELLING FEASTS.
Arthur T. Reddington, New York, N. Y.
For page see List of Advertisers.

CHOICE BULBS FOR PRESENT PLANTING.
For page see List of Advertisers.

LILIUM FORMOSUM.
For page see List of Advertisers.

MATS FOR COLD FRAMES.
Wm. Elliott & Sons, New York, N. Y.
For page see List of Advertisers.

MOSS, PEAT, LAUREL WREATHING.
Joseph R. Townsend, Berlin, N. J.
For page see List of Advertisers.

ONION SEED.
Schild Bros., Chillicothe, O.
For page see List of Advertisers.

PIPE CARRIERS.
The Advance Co., Richmond, Ind.
For page see List of Advertisers.

REMOVAL NOTICE.
Alfred H. Laughery, New York, N. Y.
For page see List of Advertisers.

STANDARD CYCAS.
For page see List of Advertisers.

DETOET NOTES.
The Flower Shop will soon move into a new store at 37 Grand River East, opposite the new Broadway Market and this will prove an identity event.

E. A. Fetterson has gotten through with his vacation having had a very pleasant trip. While apparently in an out of the way location Mr. Fetterson has built up a very good trade in a few years.

Mrs. J. F. Sullivan surprised many by coming to the store a few days ago but she is still too weak to stay long and it was necessary that she can appear at her accustomed post regularly.

With our city growing as fast as it has, the local retail section can be divided into the following sections for more or less years have maintained centrally located stores and which are composed of the old established florists with a very slight sprinkling of new ones. Second: A regular "belt line" of stores about two miles from the old centre composed of such florists as in years gone by were growers only but have become surrounded by houses with the consequent retail demand they have added this branch to their original line and are doing well at it. Most of our new retailers also have chosen to locate in this outer circle of retail activity.

FRANK DANZER.

The Cincinnati Cut Flower Exchange at 23 Third avenue, East, opened on Saturday, September 9th. Alex. Osterharp and Al. Heckman, two young hucksters, are the proprietors. If the auspicious opening is any omen at all the new firm is booked for a most successful career.
THE NEW MINERAL FERTILIZER

Will produce MORE and LARGER FLOWERS and of better color than any plant food ever put on the market.

Contains all of the original elements of virgin soil.

The above cut shows hollyhocks, nine feet six inches high, with more blossoms and of better color than ever produced by any other fertilizer. Write for catalogue and testimonials.

THE NEW MINERAL FERTILIZER CO.

9 EXCHANGE PLACE, BOSTON, MASS.

Cattle Manure in Bags

Shredded or Pulverized

Pure—dry—uniform and reliable.
The best of all manures for the greenhouse, florists all over the country are using it instead of rough manure.

Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and odorless. The best fertilizer for carnations and liquid top-dressings. Unexcelled for all field uses. Write for circulars and prices.

The Pulverized Manure Company
Union Stock Yards
Chicago

The Best Bug Killer and Bloom Saver

For PROOF
Write to
P.R. Palothorpe Co.
OWENSBORO, KY.

Spray Your Trees and Do Your Whitewashing

With Spraying Duster Pumps. You can have a good job of trees, fruit, flowers, ornamentals, and you keep your trees in good condition without using brushes.

DEMING SPRAYERS

Are stronger and are suitable for home spraying, powders, hoes, galvanites, etc., as well as spraying flowers, trees and shrubbery. Get samples of Deming Sprayer for personal examination.

10 CITY FARM, HORTICULTURAL SUPPLIES

150 Nassau Street, NEW YORK CITY

#2 Write for our special Catalogue Q2
**Horticulture**

September 16, 1911

**Flower Market Reports**

(Continued from page 27)

Wagon loads of it—and no chance of a market for more than ten per cent. American Beauty roses have taken a big slump. The local growers are now in with their crops, and they are already on hand. They may not be so bright in color yet as the eastern grown, but otherwise quite equal, and a few cool nights will bring them right up to standard even as to color. So down goes the price. All other roses are vastly improved as to quality and quantity. Carnations still rather scarce, in the trade but otherwise quite satisfactory. The orchid scarcity seems to be over. Plenty for all demands this week, habita mostly. Tritomas are selling well; little a little scarce. Items not on regular price quotations are the following: Roses—Prince de Bulgarie, $6.00 to $8.00; Perle, $3.60 to $5.00; Mis. A. W. Ward, $2.00 to $3.50; Melody $4.00 to $6.00; Tritomas, $3.00; Tube-roses, $4.00; Cosmos, 90c to $1.00; Sweet Alcynum, 25c; Petunias, dhl. white, 19.00; Delphinium and Feverfew, bunch, 25c.; Delphinium, 25c.; Ageratun, 25c.; Hydrangea, $5.00; Golden Glow, dozen bunches, $2.00.

The market had plenty of good stock during the last week. White flowers had the call. The warm weather of late has put a stop to much sale over the country. Roses are in abundance in all colors. Carnations too are coming in better each day. Asters are still quite a glut and only the best are selling at all. Gladiol are shortening up as are tuberous spikes. Dahlias are now coming in large lots. There is still a lot of outdoor truck coming in. with small demands.

**ST. LOUIS**

Of good stock during this time of year although there was a noticable change for the better during the past week, a finer class of flowers being called for. American Beauties found an almost ready sale with some calls for gardenias, orchids and lily of the valley. However, the supply of the cheaper stock such as asters, dahlias, snapdragons and other out door flowers are all retailed at five cents the bunch and up, were plentiful.

A. W. Langjahr has at last got set- down into his new wholesale cut flower store at 150 West 28th Street, New York. This is located in the centre of the new wholesale section and is new throughout, well equipped and spacious, there being over 4000 sq. ft. of floor space in main floor and basement. Large flower storage boxes are being erected and every facility for handling flowers expeditiously will be supplied.

**Hillinger Bros., Pottery, Fort Edward, N. Y.**

August Roller & Sons, 31 Barclay St., N. Y. City Agents.

**SYRACUSE**

**Standard Flower Pots**

If your greenhouses are within 500 miles of the Capital, write us. We can save you money. W. H. ERNEST 28th & M Sts. Washington, D. C.

**Mastica**

Mastica is elastic and tenacious, admits of expansion and contraction. Pottiness becomes hard and brittle. Broken glass more easily removed without breaking of flower glass occurs with hard putty. Lasts longer than putty. Easy to apply.

**Holds Glass Firmly**

See the Point at Peerless Glazing Putty is the best. Sold by jobbers. Box of 1,000 points 15c. each. HENRY A. DREXEL.

In ordering goods please add "I saw it in Horticulture."
KROESCHELL BOILER
Half the Coal and Half the Work.

"Your No. 12 boiler is carrying 25,000 sq. ft. of glass and I can keep it at 80 degrees in the coldest weather without any trouble. I have three other types of boilers also heating a range of 25,000 sq. ft. of glass, but the No. 12 Kroeschell Boiler only takes half the coal and half the work to get the same results."

J. G. FRISZ, Vincennes, Ind.

F. S.—Mr. J. G. Frisz, of Vincennes, Ind., has the largest range of glass in Indiana devoted to vegetable growing.

KROESCHELL BROS. CO., 466 W. Erie St., Chicago, Ill.

LOUISIANA RED CYPRESS
GREENHOUSE MATERIAL

STEEL GUTTERS, TRUSSES,
PURLENS, PIPE, FITTINGS, GLASS,
Etc.
PRIVATE AND CONSERVATORY
WORK A SPECIALTY.
The Foley Manufacturing Co.,
Western Ave. and 26th St., CHICAGO

GLASS

"Cheap as Dirt"

Have you had any prices on greenhouse glass, lately?
Write us at once for our quotations. We'll surprise you.
Take advantage of the drop and book orders for future deliveries.
Our glass all new and fresh from factory.
Hot-bed sash and greenhouse material, dropped too.
Pashelsky Bros., CO., 50 Montrose Ave., BROOKLYN, N.Y.

CYPRESS

SASH BARS
32 feet or longer
HOT BED SASH

PECKY CYPRESS BENCH LUMBER

GREENHOUSES
ERECTED AND EQUIPPED COMPLETE IF DESIRED
Write for Circular "D" and Prices
The A. T. Stearns Lumber Co.
GREENST, BOSTON, MASS.

GREENHOUSE CONSTRUCTION
LUMBER

John C. Moninger Co.
117 E. Blackhawk St., CHICAGO.
The FLORISTS' HALL ASSOCIATION
OF AMERICA, insurer of 22,500,000
sq. ft. of glass. For particulars address
John C. Ester, 47th Saddle River, N.J.

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS

OUR PRICES WILL PROVE THIS.
CHICAGO, ILL.

Why not buy the
BEST ventilating
apparatus, while you are buying?
Our machines are built
to stand hard service
for years and can be re-
tied upon for perfectly
satisfactory work.
Write for Illustrated
Catalog "A"

THE ADVANCE CO.,
Richmond, Ind.

TO BUYERS
Patronize our advertisers, they will treat you right.
This Is The Catalogue You Ought To Have

First we published it with 64 pages—that was six months ago. And now forty more have been added, making 104 pages in all. It is now really more of a book than a catalog. A complete book on greenhouses, conservatories and all sorts of glass enclosures for private places, parks, and public institutions. If you order a house before seeing this book, the chances are you will be sorry. Very sorry. We will send you a copy free.

Hitchings & Co., Spring & Louisa Streets, Elizabeth, N. J.

**Ferns**

We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

- Nephrolepis Bostoniensis and Piersoni, 6-in. pots .................................................. $0.50 each
- Nephrolepis Elegantissima, Piersoni, Bostoniensis, and Harrisii, heavy 8-in. plants ........ $1.00 to 1.50 each
- Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10-in. plants .................. 2.50 each

**Lilium Harrisii**

_The Bermuda Easter Lily_

**LET US supply your wants in Lilies this season**

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

- 6-7 inch bulbs, 25 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.
- 7-9 inch bulbs, 200 to the case, $16.00 per case; full thousand lots, $75.00 per 1,000.
- 9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.
Lilium Sargentiae

Heretofore called Lilium leucanthum (or leucanthemum).
"IT'S RICE FOR QUALITY AND PRICE."

Magnolia Leaves

WE ARE SOLE AGENTS FOR A SUPERIOR QUALITY NOT KNOWN BEFORE. DEVELOPED BY A NEW SCIENTIFIC PROCESS. PRICES ARE LOWER THAN FOR SO-CALLED "HIGH QUALITY" LEAVES. MEDIUM SIZES. GREEN AND BROWN. KEEP INDEFINITELY IN COOL PLACES. AN EVERYDAY NECESSITY. SALES INCREASING WONDERFULLY. AMPLE STOCKS. JOBBERS SUPPLIED. GET SAMPLES. PRICES SURPRISE.

M. RICE & CO. 1220 Race St. PHILADELPHIA

The Leading Florists' Supply House and Ribbon Specialists
CATALOGUE ON REQUEST.

LILIUM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season
We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiforum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6-7 inch bulbs, 335 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.
7-9 inch bulbs, 200 to the case, $16.00 per case; full thousand lots, $75.00 per 1,000.
9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.

FERNS

We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-in. pots .......................................................... $0.60 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis, and Harrisii, heavy 8-in. plants ............... $1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10-in. plants ....................... 2.50 each

F. R. PIERSOHN COMPANY, Tarrytown-on-Hudson, NEW YORK
**CANNAS**

We have an excellent prospect of a fine crop of roots for next season delivery, at 2.00 per 100, $15.00 per 1000, and up. Can furnish you 50,000 roots of some kinds.

**DAHLIAS**

200,000 field clumps at $5.00 per 100, $40.00 per 1000 and up. Write us for list. Let us book your order so as to be sure of the varieties.

**READY FOR IMMEDIATE SHIPMENT**

<table>
<thead>
<tr>
<th>2 in.</th>
<th>3 in.</th>
<th>2 in.</th>
<th>3 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 in.</td>
<td>2 in.</td>
<td>3 in.</td>
<td>3 in.</td>
</tr>
<tr>
<td>Alyssum, Giant Double</td>
<td>$2.00</td>
<td>$2.00</td>
<td>Lemon Verbena</td>
</tr>
<tr>
<td>Alyssum, Emperor</td>
<td>$2.00</td>
<td>$2.00</td>
<td>Lantana, 10 Varieties</td>
</tr>
<tr>
<td>Alternanthera, 6 varieties</td>
<td>$2.00</td>
<td>$2.00</td>
<td>Moonvines, Noctiluca</td>
</tr>
<tr>
<td>Alternanthera, Jewel</td>
<td>$2.00</td>
<td>$2.00</td>
<td>Patulas, Double Mixed</td>
</tr>
<tr>
<td>Colens, Golden Pattenhed, Verschaffelti</td>
<td>$3.00</td>
<td>$3.00</td>
<td>Salvia, Beeslire and Zafreli</td>
</tr>
<tr>
<td>Colens, Brilliance</td>
<td>$3.00</td>
<td>$3.00</td>
<td>Senecio Scandens, Parlor Ivy</td>
</tr>
<tr>
<td>Geraniums, Standard Varieties</td>
<td>$3.00</td>
<td>$3.00</td>
<td>Swanepausa, Alba</td>
</tr>
<tr>
<td>Heliotrope, Chiffafla</td>
<td>$2.00</td>
<td>$2.00</td>
<td>Tradescantia, Zebria multicolor</td>
</tr>
</tbody>
</table>

**NEW ROSES**

Originated by Jackson Dawson

Lady Duncan, Dawson, Daybreak, Farquhar, William Egan and Minnie Dawson

WRITE FOR PRICES

We carry a very large stock of Fine Conifers, Deciduous Trees and Shrubs and Hardy Herbaceous Perennials

Send for Our New Illustrated Catalogue

**EASTERN NURSERIES**

JAMAICA PLAIN, MASS.

**ROSES**

OWN ROOT—FINE STOCK

<table>
<thead>
<tr>
<th>Per 100</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Killarney</td>
<td>$6.00</td>
</tr>
<tr>
<td>Pink Killarney, Chatenay, Kaiserin, Peres, Sunrise, Sunset, from 3 inch pots</td>
<td>$8.00</td>
</tr>
<tr>
<td>Bride, Bridesmaid, Golden Gate</td>
<td>$50.00 per 1,000, $7.00</td>
</tr>
</tbody>
</table>

**GRAFTED**

Fine Stock, 3 inch pots

<table>
<thead>
<tr>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink Killarney, White Killarney, Bride, Bridesmaid, Kaiserin, My Maryland</td>
</tr>
</tbody>
</table>

**CARNATIONS**

FIELD GROWN

FINE, HEALTHY STOCK

<table>
<thead>
<tr>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beacon</td>
<td>$7.00</td>
</tr>
<tr>
<td>Bay State</td>
<td>$6.00</td>
</tr>
<tr>
<td>Georgia</td>
<td>$55.00</td>
</tr>
<tr>
<td>Mrs. T. W. Lawson</td>
<td>$6.00</td>
</tr>
<tr>
<td>Red Lawson</td>
<td>$50.00</td>
</tr>
<tr>
<td>Variegated Lawson</td>
<td>$6.00</td>
</tr>
<tr>
<td>Winner</td>
<td>$55.00</td>
</tr>
<tr>
<td>Crimson Beauty</td>
<td>$50.00</td>
</tr>
</tbody>
</table>

**Bouvardia Humboldt**

$10.00 per 100; $75.00 per 1,000

**John W. Foote**

Reading, Mass.

**Peonies**

The world's best. Finest English, French and American varieties. Such as Lady Alexandra, Duff, J. A. Belsle, Baronesse Schroeter, M. Jules Etta and many others. Plants true to name. Send for list.

**Asparagus Hatcheri**

The new Asparagus. Bears the old plumous names in every respect. From 24-inch pots, $15 per 100.

**R. Vincent, Jr. & Sons Co.**

White Marsh, Md.
Growers of Plants for the Trade

**Alternanthera Jewel**

Stock Plants, 2½ inch. $20.00 per 1,000 Rooted Cuttings, 1,000.

This is by far the finest Alternanthera in sight and you should stock up now for Spring sales.

**Charles H. Totty**

Madison, N. J.

**Carvin, F. Dorner & Sons Co.**

La Fayette, Ind.

**Gladiolus Niagara**


Mr. Frank Banning, Kinsman, Ohio.

Dear Sir:—Gladiolus Niagara is now in bloom and is very fine indeed.

E. E. Stewart, Grower.

**Frank Banning,** Originator

Kinsman, Ohio.

Write for prices—Stock nearly all sold.

**Peony Specialist,** W. L. Gumm, Remington, Ind.
Farquhar's RARE LILIES FROM CHINA
Hardy, Beautiful, Fragrant. The Finest Novelties Extant

Lilium myriophyllum
AWARDED SILVER MEDAL BY MASSACHUSETTS HORTICULTURAL SOCIETY, JULY 15, 1911.

LILium MYRIOPHYLLUM Mr. E. H. Wilson, the famous plant collector, collected for us the bulbs now offered, in North-western China. He considers this the finest of all lilies. It is absolutely hardy, and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink, and with a beautiful shade of canary yellow at the centre, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy oppressive odor of most lilies. Blooms out-of-doors early in July.

Orders booked now for October delivery. Bulbs each, $1.50; dozen, $15.00.

LILium SARGENTIAE (Hitherto known as L. leucanthum or leucanthemum.) Awarded a Silver Medal by the Mass. Horticultural Society, August, 1911. The bulbs offered were also collected by Mr. Wilson. This is one of the strongest growing lilies—frequently attaining a height of six to eight feet. The flowers vary in number from five to ten on a stalk, and in size and shape resembling Lilium Harrisii, greenish white shaded purple on the outside, and of the purest white within, with a tint of citron in the centre. The flowers have a pleasing fragrance. This lily will undoubtedly be largely used for outdoor planting as well as for forcing. Many consider it the finest of all tubular-flowered lilies. It flowers somewhat later than Lilium myriophyllum, and being of larger growth, has a distinct place.

Orders booked now for October delivery. Bulbs each, $1.50; dozen, $15.00.

R. & J. Farquhar & Co.
SEEDSMEN AND NURSERYMEN
6 AND 7 SOUTH MARKET ST., BOSTON
Mrs. Sargent's Lily (Lilium Sargentiae)

This fine new lily was first discovered by me in Western China in 1903-04, when collecting for Messrs. Veitch. Bulbs were sent to England and when the plant flowered it was considered to be Lilium Browni var. leucanthum. Under the abbreviated name of Lilium leucanthum it received a First Class Certificate of Merit from the Royal Horticultural Society of London on Aug. 29, 1905, and bearing this name was subsequently distributed by Messrs. Veitch.

Under this name (L. leucanthum) this same lily is referred to and figured in Horticulture, Vol. XI, page 165, and many times subsequently in the same paper up to as late as last week (Vol. XIV, page 39).

When collecting in China for the Arnold Arboretum I secured a large consignment of this lily (and several others) expressly for Messrs. R. & J. Farquhar & Co., Boston, Mass. This firm received them from me as L. leucanthum and, acting in perfect good faith, have exhibited, (awarded silver medal Mass. Hort. Soc., Aug. 1911), advertised and catalogued the lily under this name or that of L. leucanthemum (the latter spelling being an obvious clerical error).

On my return to this country the other day, I had occasion to look into the matter of Chinese lilies and their names. To my great surprise I found the lily named above had nothing whatever to do with true L. Browni var. leucanthum, it being in truth, very much superior. The differences are numerous and of first importance. To mention one which all cultivators will appreciate, the bulb of our new lily is always dark-red purple and pointed at the summit; the bulb of the true L. Browni var. leucanthum is always white, flattened on top and usually with centre depressed. Again, the flowers of our new lily are always more or less suffused with red or mauve-purple outside. Those of the true L. Browni var. leucanthum are greenish-white outside, never colored red or purple.

One always has great reluctance in interfering with an established name but there are times when this is impossible to avoid and this lily is such a case. A detailed study of all the described species of lilies from China proved conclusively that the lily under discussion is an entirely new and undescribed species. A complete, technical description has been drawn up and under the name of Lilium Sargentiae this will in due course appear in a proper place.

It affords me the keenest pleasure to associate this noble lily with that charming lady, Mrs. Charles Sprague Sargent of Holm Lea, Brookline, Mass.

Summer Blooming Lilacs

In a large portion of the west and northwest the vulgaris family will be caught by late frosts so they cannot bloom. Here with us the old-fashioned kinds our mothers raised will bloom once in about five years. There are now over 100 of the vulgaris family, but most of them try to bloom too early and are caught. Emile Lemoine, Eugene Bart and Charles Jolly are exceptions as they bloom later.

The true lilacs are June bloomers. These are well known in the east and have lately been introduced in the west where they are very popular. These are not shrubs but trees. We have them on our grounds 4 inches through and 15 feet tall and in spring covered with a flood of bloom.

The Emodi is from the Himalayas, the home of many of our choice shrubs. I have received three kinds from France under this name, one a slow growing variety, rather tender; another has a beautiful variegated foliage but is altogether too tender for our climate. The other is the kind so generally grown by our nurserymen sometimes labeled Emodi villosa and is often sent out by our leading nurserymen as genuine villosa. This is entirely wrong. It bears no resemblance to that wonderful variety. This sort has immense leaves as large as a lady's hand and you would not think it could be a lilac until you saw it in bloom. Though the foliage is dissimilar, yet the flowers in color and form much resemble those of the Bretschneideri, often known as Emodi rosea. The latter is a marvelous bloomer. They flower about the first of June. This year we had one bush 2 feet high which had fifty fine flowers. A clump or mass of them is a wonderful show. They are packed and crowded with masses of blooms. They are usually on hand for Decoration Day, which gives them additional value. The villosa is much like the Bret-schneideri. It has narrower leaves and the blooms are much like the old vulgaris in color. As a bloomer it is equal to the Breit-schneideri. Taken all around I think it is rated as the finest in the world. I have seen bushes 4 feet tall simply overwhelmed by such masses of bloom they seemed like single bouquets on the largest scale. Though they are from Japan, they seem very hardy. I saw them growing in Manitoba. They are rare and come high—selling from 82 to 85, according to size. The trouble is to secure the genuine. These, like the snowball, can be propagated by layering. Dig a trench, pull down a branch and cover it about 4 inches deep, leaving the top out and you are sure of a good plant.

The Josika or Hungarian liliace also belongs to the large-leaved summer blooming family. It does not propagate so readily, or bloom so freely as the other sorts. I have been thus careful in describing these varieties because, I deem them such an addition to our ornamentals, especially in the west.
A new lily

Lilium Sargentiae is the name now given to one of the new lilies introduced from Western China by Mr. E. H. Wilson. This lily, the subject of our cover illustration, as set forth in Mr. Wilson's statement appearing on the opposite page, has been known hitherto as L. leucanthum or leucanthemum. Under this name it has been exhibited, has received meritorious awards, and has been sold both in England and this country. Only recently it has been found to be a new species quite distinct from and much superior to L. leuca. We heartily commend Mr. Wilson in his choice of a name in honor of Mrs. C. S. Sargent, for this superb lily.

Much interest is manifested in the second Bi-Annual New England Fruit show which is to be held in Horticultural Hall, October 23-25, as an annex to the Industrial and Educational Exposition of the Boston Chamber of Commerce at Mechanics Building. Symptoms of a general awakening of commercial vitality throughout the New England section are unmistakable. The people are apparently in the right frame of mind to take up and enthusiastically support any movement which appears to promise a substantial advance in product and trade and in no respect more so than in the development of New England as an apple growing country. The superior quality of New England-grown fruit is universally acknowledged, but better methods of production and marketing are indispensable and brains and capital are just as essential as in manufacturing development. The schedule of rules, premiums, etc., which has now been issued gives evidence that the plans for the big show have been laid with a due sense of the magnitude of its possibilities and an intelligent purpose to utilize and develop them in the most practical direction and to the fullest extent. As being interested in the advancement of each and every branch of horticultural industry we are pleased with the outlook and take opportunity here to extend most cordial good wishes for the success of this laudable enterprise. That it is under the direction of Chester I. Campbell whose efficient management helped so materially towards the success of the National Flower Show last spring is not the least among the good omens for this undertaking.

A dilemma

The florist will soon have one more hardship added to his load if recent doings in Chicago count for anything. It appears that they have a Gardeners' and Florists' organization in the Federation of Labor in that city, and the president of the flower unionists made a protest recently against the admission of flower pieces lacking the union label to funerals of union men in that jurisdiction. The result was the adoption of a motion to the effect that funerals of deceased union men must be conducted on a strictly union basis or no death benefits will be paid and the eight "unionized" flower shops in Chicago are duly elated. It is evident that for the union man "a rose by any other name" does not "smell as sweet" and according to the views of a young lady of the Bindery Girls' Union, the discrimination against non-union flowers should not be confined to the pillow and the gates-ajar, but to the posies for the wedding as well, which, she added was "a much more important affair than the funeral." We can see lots of trouble ahead if the fuss thus started is carried to its logical conclusion. If "it's enough to make a union man turn over in his coffin to have non-union flowers laid on it" as the spokesman for the measure asserted, the sensations of a live union young lady going to her wedding holding a non-union bouquet would be perhaps better imagined than described. "Ain't it awful, Mabel?"
Seasonable Notes on Culture of Florists’ Stock

CARE OF ROSES

The days are now becoming shorter and from now on the temperature is liable to frequent and quite low drops, so see that there is always a little heat in the pipes to keep the air of the house circulating, and thus prevent condensation. Give plenty of air on all clear days, for this is especially necessary to keep the growth from becoming soft, but guard against any strong or cold draughts striking the plants. Keep the temperature anywhere from 72 to 75 degrees during sunshine, and during cloudy weather 65 degrees will do, with from 55 to 58 degrees at night. Examine the beds very carefully from now on for when more heat is used the benches will dry out on the bottom first, while the surface will seem to be wet enough. Syringing should be done only on bright days and in the morning only, but should be done thoroughly on the under side of the leaves so as to keep red spider in check. When examining the benches if you find the feeding roots near the surface give them a light mulch of well-rotted cow manure two parts, loam one part, and a six-inch pot of bone meal to every barrow load as a mulch; use it about half an inch deep. Keep the benches clean and the plants disbudded regularly. Fumigate for the aphids weekly.

GROWING TULIPS

The forcing of tulips does not differ much from that of other bulbs. The principal point is to treat them so that they will make plenty of active roots in their flats, pans, or pots before they are brought into heat. To excite top growth without this is to spoil all chance of success. Those that are intended for inside should go into flats as soon as received. Use any good loam with one-third of well-rotted manure. When the flats are filled they can go outside and receive a thorough watering. Place them where they can remain until wanted for forcing and cover with at least six inches of soil. Add a covering of some coarse manure deep enough to prevent the surface from freezing up hard. In conclusion, there are three things to be considered in having good tulips. First, secure bulbs of the best quality; second, flat them up early, and third, leave them outside until the bulbs are well rooted, otherwise they will be a failure.

HARDY PHLOX

One of the most useful of all flowering perennials. In planting phlox some consideration should be given in the preparation of the soil. They like a good strong loam above a clay subsoil which always keeps their roots rather moist. It pays to trench your ground well for this perennial, and have plenty of well decomposed manure thoroughly incorporated with the soil. Proper drainage is essential to the welfare of nearly all plants, and phloxes are no exception to the rule. Phlox can be planted anytime from now until the middle of October, which will leave it time to become well rooted before cold weather. Plant the clumps 18 to 20 inches apart, and before the hard weather sets in throw around the roots a mulch of old manure. Every three years after they are in full flower they should be lifted and separated into clumps of three or four stalks each and replanted. By making a judicious selection of varieties a continuity of bloom can be had from June until late fall.

MIGNONETTE

From now on mignonette should be encouraged in every way to make a rapid growth. Give beds that were planted in July a light mulch of rotted cow manure and loam using two of manure to one of soil, but before the manure is put on a dusting of some fine bone should be applied to the beds. This mulch helps to keep the beds from drying out so rapidly and at the same time furnishes food, which is gradually washed down into the soil. Disbudding is very necessary work. See that plants are gone over at least once a week. The matter of supports is of the greatest importance and should not be left till they begin to fall over. A great many devices are used, but it all tends to the same purpose in keeping each plant confined in an upright position. To keep the green worm in check dust the plants with Slag Shot or spray with a teaspoonful of paris green in a common pail of water. Keep the atmosphere as cool as possible and give a free circulation of fresh air.

ORCHIDS

Now that we are coming into the short days watering should be very carefully regulated. Where the plants are not in immediate need of water, it is well to let them remain until the next day. As a guide, as to when to give water, it is well to wait for a sign of slight dryness before watering so as to wet the whole mass. This even applies to such plants as cypripediums, aerides, phalaenopsis, odontoglossums, miltonias, masdevallas, vandas, etc. It is advisable now to modify the temperature in the various divisions, so as to meet the conditions which tend to make root action less, thereby producing a more restful stage. The warm house should be kept during the day with sun 72 to 78 degrees, without sun 62 to 68 degrees, and night about 65 degrees. For the intermediate house with sun 60 to 65 degrees, night 55 to 60 degrees. The cool house 55 to 60 degrees with sun, without sun 58 degrees, night 50 to 55 degrees.

SMILAX

Be always very particular when watering smilax. It is better to look over the benches before you begin and locate the dry and wet spots which will enable you to keep the bench at an even moisture and thus ensure a more even growth through the beds. When the strings are cut don’t allow the young growth to ramble and become tangled before giving them a string to run on. Give them a mulch of pulverized cow or sheep manure mixed with an equal quantity of loam about half an inch deep. Syringe once or twice a day, as the weather will allow. A night temperature of about 60 degrees suits them, and should always be maintained. Attend well to ventilating so as to admit air without cold draughts.

John J. M. Farrell

Mr. Farrell’s next notes will be on the following: Azaleas; Formosa Lilies; Irished Pot Plants for Christmas; Rambler Roses; Variegated Yew.
VEGETABLE GROWERS' ASSOCIATION OF AMERICA

Fourth Annual Convention, Boston, Mass. Sept. 19, 20, 21, 22, 1911

OFFICERS 1911.

President, R. L. Watts, State College, Pa.
Junior Ex-President, C. W. Waid, New Carlisle, O.
Vice-President, H. F. Hall, Brighton, Mass.
Secretary, S. W. Severance, Louisville, Ky.
Treasurer, M. L. Reutenik, Cleveland, O.


The fourth annual convention of this young and prosperous organization opened in Boston on Tuesday afternoon, September 19, at Horticultural Hall. Several hundred were in attendance and the hall was well filled when President R. L. Watts of State College, Pa., called the meeting to order and after a few preliminary remarks introduced Acting Mayor Walter Collins.

Mr. Collins in extending the welcome of the city said that though it was the fourth convention and the first time that the members had met here, he hoped that it would not be long before they returned for another convention. For New England, at least, Boston is a city around which cluster many large tracts devoted to market gardening, and he mentioned especially such places as Arlington, Belmont and Lexington. He referred to the value of co-operation, through which the interests of communities can best be preserved. Conventions such as these, he said, serve a useful purpose in disseminating knowledge of the business, the advantage of which many persons receive.

President H. F. Hall, of the Boston Market Gardeners' Association, welcomed the visitors in the name of the local gardeners. He said that the Boston organization felt honored in having the members of the national body with them.

Horticultural Hall

The response to Mr. Hall's address was made by E. A. Dunbar of Ashtabula, O., and then President Watts of the national organization read his annual address. He dwelt upon some of the achievements of the past year, referring, as did Mr. Hall, to the unfavorable conditions of the summer.

Sec. S. W. Severance of Louisville, Ky., reported 24 states and provinces represented in the association, the membership being 214. He urged that more members be secured, especially in New England.

The report of the state vice-presidents was given by President Hall of the local body. Reports were also submitted by several standing committees; transportation rates by J. H. Rice of Ashtabula, O.; membership by H. F. Tompkin of Attleboro, and legislation by T. C. Johnson of Norfolk, Va.

During the forenoon the executive committee held a session at the Copley Square Hotel, which is the convention headquarters.

In the evening another session was held at which many members of the Gardeners' and Florists' Club of Boston were present. There were addresses on "The French and English Systems of Vegetable Forcing," illustrated, by David Lumsden of the New Hampshire College of Agriculture at Durham, N. H., and "Marketing," by Paul Work of the Cornell College of Agriculture at Ithaca, N. Y.

On Wednesday forenoon the session was devoted to the following programs:

Question Box.
Address.—"The Horticultural Organizations of Ontario."—J. Locke Wilson, Secretary Ontario Vegetable Growers' Association, Toronto, Can.
Address.—"Pre-cooling and Cold Storage of Vegetables."—Representative of U. S. Department of Agriculture.

Topic for Discussion.—"Irrigation."

The afternoon was spent in visiting some of the market gardens and greenhouses in the suburbs, by auto and trolley under the guidance of the local reception committee consisting of J. P. Esty, H. F. Thompson, F. Wheeler, R. Hittinger, A. Wilson, W. L. Hooper and Dana Hyde. The women's committee was made up of Mrs. J. B. Shurtleff, Jr., Mrs. H. L. Cox and Mrs. E. F. Stahan.

On Wednesday evening the program included addresses on "Greenhouse Construction and Heating," illustrated, by W. R. Coble, Irvington-on-Hudson, N. Y., an abstract of which appears in this issue, and "Open Air Opportunities," illustrated. H. B. Fullerton, Medford, L. I., N. Y.

Thursday's program, which is being carried out as we go to press, is as follows:

9.00 a. m.

Question Box.
Address.—"Truck Crop Rotations as Practiced by Hothed Growers of Norfolk, Va."—Mr. Burt C. Haines, Norfolk, Va.

Topic for Discussion.—"Good Seed for Market Gardeners."
Address.—"What Experiment Stations are Doing for Vegetable Grow-
ers.—Mr. C. W. Wald, New Carlisle, O.

1.30 p. m.

Visit to Horticultural Establishments and Points of Historic interest.

6.00 p. m.

Annual Banquet.

The basement halls were used for the trade exhibits and were quite a centre of interest. Following is a list of the exhibitors: Potlter, Fiske, Lawson Co., Boston, a fine showing of vegetables grown from their seed; also garden implements.

J. H. Gregory & Son, Marblehead. A splendid tableau of melons, squash, corn and beets, and a large collection of seed samples in glass jars.

L. Hiffe, Boston, greenhouse heating and ventilating apparatus.


Powder Insecticide Co., Boston. Lime-sulphur and other sprays.


Maple Ridge Farm, Constable, N. Y. Langdon's Earlliana Tomato.


Benj. Hammond Fishkill-on-Hudson, N. Y. Sing Shot and other Hammond specialties.


The Advance Co., Richmond, Ind. Imperial "Sawdust" and other applicators.


Skinner Irrigation Co., Troy, O. Sprinkling devices.

Means & Thatcher, Boston. Paints, varnishes, treatment & Seed Co. A fine display of agricultural seeds.


The special vegetable exhibition of the Massachusetts Horticultural Society, in connection with this convention, which opens today (Thursday) and will continue until Sunday night, is the finest display of its kind ever seen. The large number of plants and the variety of material exhibits the quality of the material shown is superb. The Boston Market Gardeners' Association has appropriated the sum of $500 toward the prize schedule.

Detailed account will appear in next week's issue.

PALESTINE HORTICULTURAL SOCIETY DAHLIA AND PERENNIAL SHOW.

The principal features of this exhibit, held at the grounds of W. A. Abee, Burpee & Co., in dahlias and Joseph Hurley in perennials. The Peacock Dahlia Farms came in at the eleventh hour and put up a good collection of their best dahlias.

In the Hurley collection we noted Begonia gracilis. Besides being a good bedding plant this is excellent as a cut flower for table decoration. St. 

Brigid anemone was also well shown in its various colors. Amaranthus tricolor was another good thing—good for decorative effects when cut. The balance of this good collection was made up of fall asters, gladoli, zinnias, sage, helianthus, marigolds and roses.

Burpee put up probably the most artistic dahlia exhibit that has ever been seen. The dahlias are art- 

ically arranged in flat and pyramidal masses—with a background of Eulalia Japonica zebrina and fall foliage, but it contained quite a number of new and unique varieties. The dahlias that have never before been seen in this country. George W. Kerr, who is an old experienced hand in exhibition work in the great shows of the old world, as well as the new, is Mr. Burpee's expert in the growing and staging of these (as he has also been in sweet peas and other things in the past few years), and he points out some wonderful new varieties which we have not before seen exhibited. One of the most conspicuous is Golden West, a chrysanthemum, with the best we have seen: Mrs. Reginald Bailey, rich claret, cactus, rounded petals, free, open and graceful—a lovely flower which will yet be heard from; Daid Bank, a fine bright red cactus with petals of yellow flushed with rose. Other good ones in this collection were Flag of Truce and Snowden—both of the cactus type, which Mrs. Finn's have. One of the loveliest pinks was Mrs. McMillan and for an old-rose shade Daisy Shaples shone out conspicuously. Of the fine old English show varieties that have sel- 


duced it if they have not already, before we may mention David Saunders, Mrs. John Downie and Daniel Cornish. These were centers of attraction to many of the flower growers. While the "Golden West" variety was per- 

haps the star attraction of this fine exhibit the two varieties at each side of the center—Ethel Manie, white, and Jack Rosbach—showed out very conspicuously. The Peacock Century novelties and their Dorothy Peacock and others were staged in fine condition and received much favorable comment.

R. & G. Rosbach of Pemberton, N. J., staged a nice little collection of some fifty varieties, these being under the personal supervision of Mrs. Ros- 

banch, W. F. Bassett of Hammonton, N. J., sent in eight of his new seedlings. These were mostly single. The best one was a rose-colored with gold, medium size, magnificent texture and substance, fine form and charming color; ought to make a good ship- 

ping variety for greenhouse culture and, if seen after all is the final test. Some of the loveliest pro- 

duction of flower breeders have gone by the board for lack of this great essential.

In the aster exhibit, Semple, Peer- 

less, and Electric were the principal varieties. They call for no special comment as they were above the average in any way. Messers. Morrow, Litttle and Aiken were the chief prize winners.

Roberts took first for zinnias of the new Hagasan type. This was a Dree premium. Can't see much in this Hagasan thing, but have great re- 

spect for Dree's and Roberts' judg- 

ment. If we can enthuse later if we 

see it better—nobody will be more enthusiastic than us. Truly, John McCleary sent a collection of vege- 

tables. They won a prize.

There was very little competition in this section as many of the classes were not entered for all of the classes were not entered.

NEW ENGLAND DAHLIA SOCIETY.

The interior of Horticultural Hall, Boston, presented a scene of remark- 

able beauty to the crowds who visited the fourth annual exhibition of the New England Dahlia Society, which was opened on the afternoon of September 24th. The exhibit was based on Sunday night. There were many fine displays not in competition which do not appear in the list of awards. Whether the show was as show- 

ning a very creditable one considering the very unfavor- 

able weather this season.

J. K. Alexander of East Bridge- 

water showed nearly 1400 A. Townes. Everett, Henry R. Wirth of Providence and James M. Adie of Marblehead. Following is the list of awards.

PROFESSIONAL CLASS.

Twelve Named Ornamental Dahlias—First, George L. Stillman; second, E. F. Dwyer; Third, Four Named Dahlias—First, George L. Stillman; second, C. Lindrall & Co.; third, Mrs. A. Townes.

Twelve Named Decorative Dahlias—First, W. D. Hathaway; second, C. Lindrall & Co.; third, Mrs. A. Townes.

Twelve Named Show Dahlias—First, George L. Stillman; second, Mrs. L. A. Townes; third, L. A. Townes.

Twenty-Four Named Show Dahlias—First, W. D. Hathaway; second, George L. Stillman.

Twelve Named Pompon Dahlias—First, George L. Stillman.

Vase of Eighteen Blooms Red Cactus Dahlias—First, C. Lindrall & Co.; second, Mrs. A. Townes.

Vase of Eighteen Blooms Cactus Dahlias—Mary Serrieves; second, C. Lindrall & Co.; third, General Display of Dahlias; all Classes Admissions—First, J. K. Alexander; second, M. A. Townes; third, George L. Stillman.


AMATEUR CLASS.

Six Named Dahlias—First, Her- 

man L. Winter; second, Parker A. Mansfield; third, John E. Stokes.

Twelve Named Ornamental Dahlias—First, Herman L. Winter.

Twelve Named Decorative Dahlias—First, Herman L. Winter; second, Parker A. Mansfield; third, John E. Stokes.

Six Named Show Dahlias—First Parker A. Mansfield; second, John E. Stokes.

Twelve Named Show Dahlias—First, George R. Gill; third, Herman L. Winter.

Vase of Twelve Bloom Maroon Dahlias—First, Herman L. Winter.

Vase of Eighteen B saga in a combination of classes and colors—First, George R. Gill; third, Herman L. Winter.
HORTICULTURE

NEWPORT HORTICULTURAL SOCIETY.

This Society held its autumn exhibition Sept. 16, 17, and 18, and in spite of unfavourable conditions of weather, many excellent exhibits were staged. The main exhibitors were James Boyd, gardener for J. A. Astor; C. B. Alderson, Shrubs, and flowers; Wm. Grey for Mrs. Wm. B. Leades, John A. Forbes for August Belmont, John Mahan for H. D. Auchincloss, John Seabrook, Captains and plants; R. B. Mohr for Captains and catering, Hourigan, S. Spencers for W. B. Green, Wm. Barclay for H. A. C. Taylor and J. Robertson for Mrs. T. O. Richard- son.

James Boyd was the most extensive exhibitor, especially in the classes for plants, and had to credit the first prize in the classes for specimen picking of the collection of table plants, six dracaenas, twenty-five gardenias, six nectarines and six peaches. C. M. Bugholt was the main exhibitor in the dahlia classes and was awarded the blue card in almost every exhibit, his collection of twelve cactus varieties being noteworthy. They were as follows: Cactus, Miss Willis, Snowstorm, Australian, Johannesburg, Marathon, C. H. Curtis, H. H. Thomas, Mrs. T. W. Willis, Snowstorm, Rev. T. W. Jemison, Alice, Sowduil, and Miss Sisson & Thurston, representing the commercial growers, had also an excellent collection of fifty varieties for which they were awarded the Foscarini prize. Single dahlias were also well represented by J. Robertson. A new white variety named "The Bride" was said to be the best hybrid bathurst in his collection. Miss Dene, the winner of the Mrs. Goeeet prize for a table of outdoor flowers tastefully arranged, and was also first in other important classes. The first prize cup offered by Henry A. Drer for collection of hardy perennial flowers was awarded for the second year to John Mahan, with Wm. Grey, W. B. Leades and Joseph R. Richardson's silver cup for host collection of annuals. The silver cup donated by Stapp & Walter Co. for collection of two hundred vegetables was awarded to Wm. Grey, John Fisher being a close second in the class. Mr. Grey was also the winner of the E. B. Cowen cup offered by Mrs. E. B. Cowen for a Drama, a special arrangement showing originality. His floral arrangement was a representation of a May pole with the base and top widened, the branches decorated with Asparagus Sprengeris, Clematis paniculata, stemmed flowers of the Mrs. Francis King gloriosa and streamers of narrow pink and white ribbon. The effect that caused much favorable comment. The decorations for the R. L. Beeckman prizes proved to be the hardest of all to select from, they taking over an hour to select a first out of four that all seemed nearly perfect in every detail, one being equipped with a valued photographic, the whole dollars with a centre piece of cactus dahlias nearly matching in color, but another with a bright, single orange Dahlia, the centre piece of the pink single Dahlia Imperalino was finally awarded the blue card, the first described taking second and the third, the most with 


Special awards—First class certificate of merit, B. Hammond Tracy for display of gladiolus. Honorable mention for display of gladiolus and first class certificate for gladioli Panama to J. Lewis Childs. Certificate of merit for Asparagus elongata to J. Robertson. Cultural certificate for eighteen varieties of apples and bronze medal for vegetables to Wm. Barclay. Cultural certificate for collection of peaches to H. Thurston. Cultural certificate for collection of pears to W. B. Green. First class certificate for white seedling cactus dahlia "Dannoy Boy" to C. M. Bugholt. Honorable mention for seedling variety "Don Marlan." Among the visitors were: Maurice Fuld, representing the H. Michell Co.; Joseph Manda, P. J. Van Baard, Mr. and Mrs. Raymond Tracy and J. Lewis Childs.

The judges were Richard Gardner, James McLeish, J. J. Sullivan, C. O. Stark, Stewart Ritchie, and Wm. Volker, assistant in judging table decorations. The attendance was somewhat better than at some previous exhibitions and fine weather favored all.

HORTICULTURAL SOCIETY OF ROCHESTER.

The Horticulltural Society of New York held a small but interesting exhibition of autumn flowers in the Museum building of the Botanical Gardens. The weather for several days previous and on the morning of the opening day was responsible for many absences, but as regards exhibits and attendance, neverthless, the whole was quite above average. The show held great interest from many points. James Stuart of Mamaroneck, N. Y, won five first prizes in the classes for asters. They formed the overwhelming of a single grown blooms. P. W. Popp, also of Mamaroneck, won eight first prizes in dahlias. They were a remarkably fine lot, both in size and color. The second and third prizes of the class have, and Mr. Popp des- serves much credit for the quality, variety and extent of his exhibit. Mr. Stuart was also awarded a vase of single dahlias. John Lewis Childs put up a good exhibit of dahlias, tritomias and monthretas, not for competition, and there was a very interesting exhibit of hardy flowers from the grounds of the Botanical Gardens. Richard Richter was in charge of the show. A meeting of the society in the afternoon and plans perfected for the "Chrysanthemum Show to be given in November.

George C. Nash delivered a splendid illustrated lecture on the fruit orchards of the northwest. Mr. Nash has recently returned from an extensive tour of the fruit orchards of Washington, and is well able to describe them from every point of view. There was a large attendance.

ROCHESTER (N. Y.) FLOWER SHOW.

The attitude of the Rochester public toward the flowcr shows that have been given by the Rochester Florists' Association has caused some doubts to arise in the minds of some of the members as to the wisdom of holding a show this year. The matter is left in the hands of the Exhibit Committee.

Seed this committee, which is made up of C. H. Vick, F. J. Keller, A. H. Saltcr, E. P. Wilson, E. R. Frey, F. R. Schiebel, J. M. Keller, R. Ballan- tyne, C. B. Ogston and Charles Subr, decides that the association will undertake a show, then it will be held in November. The committee will meet this week and will report to the association at its meeting to be called within two weeks.

Last year 25,000 people attended the show during the five days it lasted; those before 22,000. The first figure should read 40,000, if the Rochester people were doing what they should. If the competition is even or better than the 1900 mark could be reached this year. It would probably have no hesitancy in declaring itself in favor of a 1911 show

THE VINCENT FLOWER SHOW.

The Maryland Horticulltural Society on September 26 will hold a meeting at the Vincent Farm, Cowen- ton, Md., in connection with the Fifth Annual Dahlia and Flower Show given by the Vincent Gardeners.

The whole of the property will be thrown open to the inspection of the guests. They will be able to see forty acres of dahlias and fourteen acres of peonies. In addition an inside exhibition of dahlias will be given, showing effects in arrangement, and there will be displays of farm and household produce. The show will continue to September 28. The following information is obtained in demand of the show will be held in the Gasquet and City of Baltimore & Ohio R. R. line. The show will be open daily until 8:00 p.m. with the exception of September 28, when the closing time has been set for 10:00 p.m.

EXHIBITION SCHEDULES RECEIVED.

Connecticut Horticultural Society—Chrysanthemum Exhibition, Putnam Phalanx Hall, Hartford, Conn., Nov. 8-12, 1911. Secretary, George W. Coleman.

Morris County Gardeners' and Florists' Society, Sixteenth Annual Flower Show, Assembly Hall, Madison, October 26 and 27, 1911. Secretary, Edward Reagan.

Huntington Horticultural and Agricul- tural Society, Annual Exhibition, Trade School Building, Huntington, L. I., N. Y., September 29 and 30, 1911. Secretary, A. H. Funnel.
The first meeting of the season of this club was held Tuesday evening, September 19, in Horticultural building. The little hall where the meeting was held seats 175 people, and practically every seat was occupied—a pretty good showing for a starter.

Not much business was done, it being the desire of many members to attend the session of the Vegetable Growers' Association held in the hall. Resolutions on the recent deaths of F. R. Mathison and John Flood were presented and adopted. A letter was read from the President of the Wisconsin Rose Society, who reported that he had been abroad this summer, visited all of the places in his country which he had never seen, and the tuberous begonias impressed him greatly. He predicted some surprises in the future near in character of these flowers.

Benjamin Hammond, Secretary.

Fishkill-on-Hudson, N. Y.

ST. LOUIS FLORIST CLUB.

The September meeting of the Florist Club was fairly well attended. President Connorn, who had presided over the meetings for the past year, opened the meeting. The auditing committee reported that the books of the secretary and treasurer were in first class shape. Letters were read from the Chicago Florists' Club regarding the meeting, October 5th, and help them celebrate their 30th anniversary, which was accepted and the chair appointed a committee to assist the Chicago Florists' Club in the celebration. It was also decided to tender to Mr. Beneke, D. Geddes and A. S. Halsted to make arrangements for the trip. The appointment of a committee to assist the Rose Society in revising the rules and weights, and developing the society's Flower Show, was agreed to.

Messrs. Guy, Amann and Fillmore acted as installation officers. President-elect Windler had not yet retired from his wedding trip, so they proceeded to install President-elect F. Vennemann, who at once took the chair and was followed into office by Secretary Beneke, Treasurer Smith and Trustee Frank A. Weber.

The opening of the question box found a number of questions on which lively discussions followed.

MORRIS COUNTY GARDENERS' AND FLORISTS' SOCIETY.

The Morris County Gardeners' and Florists' Society held its monthly meeting Sept. 13. About 40 members were present to discuss the schedule and make final arrangements for the show. The schedule will have over 50 classes in it when the new special prizes are added. The National Gardeners' Association are to hold their convention in Madison this year and at the time of the Flower Show, the Morris County Gardeners' and Florists' Society will be on exhibit as well—to make their expenses known. The prizes will be here and we want to give all an equal chance.

E. R.

NAASAU COUNTY HORTICULTURAL SOCIETY.

The regular monthly meeting of this Society was held in Glen Cove, Wednesday evening, September 13. The judges for the exhibits were Messrs. Cliffe, Johnson and Marshall, and their decisions were as follows: Society's prizes—Corn, F. Petroccia; potatoes, H. Boettcher; melon, S. J. Treppes; honorable mention to E. Brown for peaches; thanks to F. Petroccia for Brussels sprouts.

Henry Gant on behalf of Mrs. H. L. Pratt, offered a silver cup as a special prize for the coming fall show. A Walker on behalf of Mr. R. C. Smith, offered $15 as a special prize for a vase of chrysanthemums, 8 blooms, one variety, for the fall show. These donors were both accorded a unanimous vote of thanks.

J. N. Hoff of the Alphano Humus Co. gave a very interesting talk on "Humus, and the Humus Service Derived from Its Use on All Soils," and was given a very hearty vote of thanks.

The competition in October will be for three heads of celery, vase of pink cosmos and three heads of cabbage.

E. W.

CLUB AND SOCIETY NOTES.

The Chicago Florists' Club have decided to place the cost at $1.50 per plate for the banquet to be given Oct. 5th.

The second annual flower show of the allied associations at Andover, Mass., was held on September 2nd, and was as good as, if not better than that of last year, notwithstanding the very unfavorable weather conditions.

Members of the Indiana State Florists' Association are planning to charter a special car to go to Newcasle, to attend the meeting of the organization, Oct. 3. A. F. J. Baur, the secretary-treasurer, expects that twenty-five florists from Indianapolis and other cities will compose the party.

The New Haven County Horticultural Society held a diploma exhibition at Harmonie hall, New Haven, Conn., Wednesday and Thursday, Sept. 6 and 7. The managers were John H. Murray, William H. Bellant, David Kydd, John C. Morton, John N. Champion, Frederick H. Writz, Robert Patent, James Kydd and R. Bell, and the exhibition was in charge of John H. Stocome, chairman, and an efficient committee.

THE CARNATION GROWERS' FRIEND.

The Fisher Carnation Clip, advertised by E. H. Hunt in this issue, is the best device ever offered to the carnation grower for the purpose intended. As well stated it is a great saver of time, and is also economical for it will last a lifetime. Read what they say about it.
Later detailed advices more than confirm the discouraging reports we have previously published regarding the disastrous effect of the hot summer weather and long continued drought in Europe upon growing crops. In England, and many parts of France and Germany there have been no effects, but rains for over three months, and in places where stock could not be artificially watered the growing crops are shrivelling up.

Of Manetti roses, which come principally from England and France, in both countries there will be less than half a crop. The grade of those shipped will necessarily be inferior. Practically all of the available crop was brought up before June. It is doubtful if American buyers will get more than 60 per cent. of their requirements; then only where they ordered before June.

In Germany the season was the hottest and drier they have had for 73 years. The effect upon the crop of lily of the valley pipes is problematical, though it is almost sure that the product will be inferior to former seasons. As a precaution most firms are refusing to book further orders except at a considerable increase in price.

France is particularly unfortunate. They grow for export millions of young fruit and ornamental stocks. Even artificial watering is ineffective, as the wells are dry. Prices rule much higher than usual, and there will be many shortages on orders.

Belgium has not suffered so much, as their export stock is all artificially watered, but the exceptionally hot summer has shown its effects in the azaleas there. They will be smaller and more stunted in growth than usual. Crop is up to normal, though the varieties Mad. Van de Cruyssen, Mad. Petric, Simon Mardner and Vervaeanae remain scarce, and most growers are limiting orders to percentages of these varieties.

PERSONAL.

Robert Wallis is now employed by the Eerie Floral Co., Erie, Pa.

William Jurgens, of Newport, R. I., will sail on September 28th for a two months' trip in Europe.

John McKenzie, of North Cambridge, Mass., has returned from a two months' visit to Scotland, very much pleased with his trip.

Miss Minnie Barth, manager of a floral shop in Elkhart, Ind., just for fun registered for the Minot, North Dakota, land drawing, and drew 169 acres.

Bert Woods is now employed as packer by the Chicago Flower Growers' Association, Chicago, Ill. He was formerly employed in the Chicago market.

Thomas J. Grey arrived in Boston via Montreal on the 7th inst. from his European trip. He found everywhere scorched up by the heat and drought except Scotland and Ireland, both of which countries were vividly green and beautiful. Mr. Grey looks well and greatly improved by his summer outing.

James A. Budlong, of Auburn, R. I., one of the most widely known florists in the country, last Tuesday positively declined to accept the Republican nomination for the Mayor of Cranston, the "baby city" of Rhode Island. The citizen of Auburn, where Mr. Budlong is located, as well as other parts of the city, feel that he would be an exceptionally strong candidate. Last year an attempt was made to induce Mr. Budlong to enter the political arena without success.


PROVIDENCE NOTES.

J. Kolpman has just completed many improvements in his store on Washington street.

Nathan D. Pierce, manager of the Norwood Floral Company and Home Nursery at Norwood, R. I., returned Saturday from New York, New Jersey and Philadelphia on a business trip.

Johnston Bros furnished a very handsome floral slipper for the opening of the shoe department of one of the large department stores this week. The slipper was made entirely of lilies of the valley and orchids.

Albert Holser of Hartford avenue, is contemplating a trip to Argentine Republic for the purpose of securing a stock of orchids with which to stock a new house built for that purpose in addition to his present range.

Walter S. Nichol of Hamden Meadows, Barrington, met with a considerable loss last week when a tornado swept over that place, lifting the roofs of several of his houses. Between 500 and 600 panes of glass were broken.

While at work trimming trees in Swan Point cemetery, Otto Carlson, an employee of the Everett Forestry Company, fell from a big elm dislocating both wrists. He was rushed to the Memorial Hospital, Pawtucket, for treatment and later conveyed to his home. Some of the cords were torn, and a small bone was fractured in the right wrist.

Patrick J. Henry, Jr., of this city, has brought suit against George Johnson & Son in the Superior Court, seeking damages to the amount of $1,500 as a result of injuries received while in the employ of the defendant. The plaintiff was at work trimming trees, when it is alleged that the ladder on which he was standing gave way precipitating him to the ground several feet below. The suit is based on defective apparatus.

Work on the new flower market organized two weeks ago, is being pushed rapidly at the new quarters on Washington street, opposite the City Hall, an ideal location for a market place. It is the intention of the directors to have the store completed and ready for business, October 1. The directors of the new organization are: John A. Macrea, 1235 Smith street, Alexander Macrea, 1128 Smith street, both of Providence; J. H. Cush- ing, Quinlisk, R. I.; Walter S. Nich- ols, Hamden Meadows, R. I.; and Fred Hoffman, of Pawtucket, R. I. The following persons were elected officers of the association: President, John A. Macrea; vice-president, Wal- ter Macrea; secretary, E. E. King; treasurer, Olney H. Williams.
The subject which I have been assigned to speak on this evening, is a most interesting and extensive one. It is so extensive that it is impossible in one evening to touch other than briefly on the various parts and the part each of the various details plays in the finished structure of an up-to-date greenhouse. Each of these parts, such as the superstructure, ventilation, plant benches and heating, are capable and worthy of considering separately.

But as it is not possible for us to have more than one session, I shall try to cover them in a general way and trust that our time together may be profitable. I shall not try to go into mathematics and other of the various sciences which are called into requisition in designing an up-to-date greenhouse, but simply present in a pictorial way, the results that have been obtained and progress made.

The Old Type of Greenhouse.

It is a long step from the cumbersome greenhouse of 50 years ago, to the modern cobwebby structure of today. The illustration which we present before you is typical of the early greenhouse. They were generally built against a high wall, the wall being on the north side. This wall was quite a factor in supplying heat during the night. You know how a piece of masonry will absorb heat with the sun shining on it, and how it feels warm for a long time after the sun has ceased to shine upon it. So these high walls absorbed the heat and gave it up to the greenhouse during the night. In those days, the only method of heating was to have a stove or a long flue either of pipe or masonry running the length of the greenhouse, through which heated air from the furnace was attempted to be carried.

Now as the construction of the superstructure, a heavy wooden sill was placed along the front wall. Heavy wooden rafters were placed about 3 feet apart and sash glazed with glass only 6 inches wide, were placed in the roof. The top sash was arranged to slide down for ventilation and was operated with a system of ropes and pulleys.

The crops raised in houses of this type were not always satisfactory as you can readily realize, as with the amount of wood used in their construction and the narrow glass the percentage of light was very small, to say nothing of the cold air admitted through imperfect construction.

Later, full span houses were built of similar construction.

Mr. Lord, who was the founder of the L. & B. Co., was a great lover of flowers and greenhouse plants. In 1878 he had a small greenhouse in his yard built similar to the last one I have shown you. Mr. Lord became dissatisfied with the results obtained and made up his mind that if horticulture was to make any progress it would be necessary to greatly improve the construction of the greenhouses, so he began experimenting in this direction. He was so far ahead of anything yet built, that his services were soon in demand among the local community. It was not long before the success attained by these new horticultural enterprises, and to this metal attention in the construction of greenhouses was turned. Cast-iron sills were substituted for the three-piece wooden sill and iron rafters and purins were used. To support the superstructure. The principle of this construction is still used in all iron or steel greenhouses. The details may be changed but the principle of having the iron or steel framework is the same, the only difference is the weight while the members which receive the glass are of wood. This construction after repeated experiments has proved the most suitable to our climate.

The next important step in the construction of commercial houses was the introduction of what is known as the Cast Iron Piece Construction. A post or foot piece made of cast iron was placed in the ground about 36 inches, and to these steel rafters were bolted. The rafters were turned a foot, the eaves of the houses about 15 feet, the w. The inside surface of the greenhouse was made to reflect the heat from the outside surface to the inside surface, which in turn was reflected back to the outside, and so on. To prevent the formation of icicles on the outside, the inside surface of the greenhouse was made of a material that absorbed the heat and transferred it to the outside without waste. From observation and tests it seems as if concrete made with clean clinkers is the cheapest and best to use. The mixture of one part of clean, or less porous, makes a concrete full of air cells which accomplishes the same results as the hollow spaces in the tile. The walls need to be a foot thick, and when a light cast iron sill is placed on top of same you have a construction which is practically indestructible, and as the frames are not thick, this form of construction is the cheapest in the end.

Greenhouse Construction and Heating.

An Illustrated Address before the Vegetable Growers' Association of America at Boston, Mass., by W. R. Cobb of the Lord & Burnham Company.

Three feet in the ground and four feet above, and boarded up to the eaves. As the tendency towards wider houses increased and it became necessary to find some construction which would take the place of that then in use. The use of iron as a building medium was given a great deal of attention and to this metal attention in the construction of greenhouses was turned. Cast-iron sills were substituted for the three-piece wooden sill and iron rafters and purins.

The first iron frame greenhouses to be built were those for Mr. J. C. Gould, at Irvington, N. Y. These steel sills capped the masonry walls and iron rafters and purins with wood were used to support the superstructure. The principle of this construction is still used in all iron or steel greenhouses. The details may be changed but the principle of having the iron or steel framework is the same. It was found that by using the steel framework the glass was more efficient.

The next step forward was to make the roof curved instead of straight. The roof was constructed with two radii, the lower one being about 8 feet radius, the upper 45 feet. This method was used on the outside of the plant beds. The glass was not bent, but short lights were used and as the radius was large compared to the length of each light, the cost of the glass was very small. It was found impossible to grow plants of any size except on the outer edge of the benches.

The next step forward was to make the roof curved instead of straight. The roof was constructed with two radii, the lower one being about 8 feet radius, the upper 45 feet. This method was used on the outside of the plant beds. The glass was not bent, but short lights were used and as the radius was large compared to the length of each light, the cost of the glass was very small. It was found impossible to grow plants of any size except on the outer edge of the benches.

With the introduction of hot water and steam as a heating medium, it became possible to increase the width of greenhouses, and houses of 20 to 25 feet in width became common. This gave rise to the heated bench.

Then came the introduction of glass on the sides increasing the height from the wall level to the gutter line. By the use of three-piece glass it was possible to build roof tops without the curves and still have room on the side benches for medium sized plants. The masonry wall was cut down to almost ground level, and the rafters about two feet high placed on the sides below the top of the plant bench. This in a measure is an ideal way of ventilating a greenhouse. When ventilation is required, as the cool air from outside has to first pass over and around the heating pipes, which takes the sting from the air.

Iron Construction Introducted.

At this time commercial houses were built with locust posts set about three feet in the ground and four feet above, and boarded up to the eaves. As the tendency towards wider houses increased and it became necessary to find some construction which would take the place of that then in use. The use of iron as a building medium was given a great deal of attention and to this metal attention in the construction of greenhouses was turned. Cast-iron sills were substituted for the three-piece wooden sill and iron rafters and purins.

The first iron frame greenhouses to be built were those for Mr. J. C. Gould, at Irvington, N. Y. These steel sills capped the masonry walls and iron rafters and purins with wood were used to support the superstructure. The principle of this construction is still used in all iron or steel greenhouses. The details may be changed but the principle of having the iron or steel framework is the same. It was found that by using the steel framework the glass was more efficient.

The next step forward was to make the roof curved instead of straight. The roof was constructed with two radii, the lower one being about 8 feet radius, the upper 45 feet. This method was used on the outside of the plant beds. The glass was not bent, but short lights were used and as the radius was large compared to the length of each light, the cost of the glass was very small. It was found impossible to grow plants of any size except on the outer edge of the benches.

With the introduction of hot water and steam as a heating medium, it became possible to increase the width of greenhouses, and houses of 20 to 25 feet in width became common. This gave rise to the heated bench.

Then came the introduction of glass on the sides increasing the height from the wall level to the gutter line. By the use of three-piece glass it was possible to build roof tops without the curves and still have room on the side benches for medium sized plants. The masonry wall was cut down to almost ground level, and the rafters about two feet high placed on the sides below the top of the plant bench. This in a measure is an ideal way of ventilating a greenhouse. When ventilation is required, as the cool air from outside has to first pass over and around the heating pipes, which takes the sting from the air.

Iron Construction Introducted.

At this time commercial houses were built with locust posts set about
During all this time, the distance between the rafters has steadily increased, the wood members made smaller and the width of the glass increased.

From glass six inches wide to 24 inches is known to the trade, although for many reasons of economy, glass 16 inches wide has been and is generally used.

Ventilating sash are now made continuous instead of a number of separated sash.

As the glass has increased in width, so the glass itself is higher, and that now houses 30, 40, 55, 60 and 75 feet are common. Some have been built over 100 feet, but it is doubtful if houses 16 inches wide are a success unless built on a large scale where the roof can have sufficient slope to properly shed the water and not have a shower on the inside as well as the outside. A pitch of 32 degrees in houses up to 30 feet in width is preferable, and from 30 to 50 feet 25 degrees have been found a good angle for boilers is all right for houses 50 feet and over.

Now as to Supports.

30 foot houses require no columns.

40 = two columns.

50 = two columns.

60 = four columns.

70 = six columns.

There are several firms building greenhouses in which the principle of construction is to truss the house, and thus eliminating columns to a great extent.

This would be all right if the trusses were constructed on a compression basis 200 feet in length except that the trusses as they are constructed to a large extent on a tension basis and depend upon all members being constantly in tune, as it were. Very slight vibration in a greenhouse roof and the constant movement is bound to stretch the light rods, etc., which are used in the construction. As soon as one member loses its tune it puts all the others out also, and I believe that a greenhouse constructed on this principle will deteriorate more rapidly than if the house was constructed with columns and compression trusses. Time will tell, but if you compare two houses of the same age I know that the one constructed as the compression principle will be in better shape than the one constructed on the tension principle.

Semi-Iron Frame Construction.

We have been considering what is known as semi-iron frame construction. There is another type known as pipe frame or semi-iron construction. The difference between the two is not the iron, the difference being that the steel rafters are omitted, the roof bars, etc., are supported by longitudinal purlins made of pipe. These purlins are in turn supported by pipe columns. The painting, glazing and heating in this construction are the same as in the houses where rafters are used. There is a slight saving in the cost of this house as the steel used is less and the parts require less mill work. All parts both iron and wood are given the same coating before shipment, one after the framework is erected and before the glass is set and a finishing coat after the glass is set and the other parts finished.

The majority of houses are glazed with double thick quality “A” glass in 16 inch widths and 21 inch lengths. The joints are lapped about ¼ inch and the glass bedded in putty. The use of glass 24 inches wide has been quite extensive and, inquiring among those using the same, the figures, the additional light and results obtained by using glass 21 inches wide instead of 16 inches wide are not appreciable. It seems to me that in a greenhouse that must be considerable advantage and light obtained by using the wider glass, but the bars and other members are probably 30% higher in a separate house, that eliminating every other bar does not appreciably increase the growing qualities of a house. There are some structural drawbacks to wide glass, and the consensus of opinion is that 16 x 24 inch glass is commercially the best.

As to the Width of Houses.

The width and lengths of houses have steadily increased until now they are only governed by the length and width of a man’s pocketbook. Formerly, 18 and 20 feet were the most popular widths but, as growers grow more particular, one might consider anything under 30 feet; 40, 50, 55, 60, 70 feet and so on are common.

Several vegetable growers have built houses between 40 feet and 15 feet wide, and this width is as the most practical and economical width, but others build wider and almost each one has his own, which is the builder’s pleasure to design and construct.

Houses of the ¾ span shape are built, but not as extensively as in former years. The shape favors southerly exposure and south, and consequently they were supposed to receive a greater amount of sunlight. I have seen full span and ¾ span houses built beside one another with the same amount of growth in both. No difference could be observed in the plants and there was no appreciable difference in the financial returns.

With the light construction now used, I do not believe it makes any difference whether a house is built facing south or north, so long as there are no trees, hills or other objects to shade same. The topographical conditions of the site play an important part in the success or failure of the enterprise in each case, and each case requires individual consideration.

Ventilation.

Houses intended for the growing of vegetables should have lines of ventilation. This is accomplished by placing a line of continuous sash on each side of the ridge and one line on each of the eaves. The sash used are from 30 inches to 36 inches wide and up. These sash are opened and closed with machinery specially designed for the purpose. There are numerous types of machines on the market but they all are constructed on the same principle, namely a continuous shaft of pipe or steam rod to which are attached arms and rods which in turn are fastened to the sash. A gear of the self-locking design and crowning power is arranged to turn the shaft which communicates its power to the rods and arms causing the sash to open and close.

The use of solid plant beds in commercial greenhouses is rapidly taking the place of raised plant benches. Many vegetable growers plant directly in the ground, plowing the ground and working the crop the same as out of doors. Where beds are used they are not built over 12 inches above the grade and the soil is usually left humus or light concrete walls.

Heating.

The heating for greenhouses is certainly one of the most important features of same. It is here that one shovels his dollars into a furnace. Too much attention cannot be given to the installation and care of the heating system. At the present time there are two mediums employed, steam and hot water. Both have advantages and disadvantages, and it is well established that heating by hot water produces the best results. Hot water produces a condition more like the heat generated by the sun, steam gives a more intense heat. While it has proved satisfactory, it is a fact that the large florists are more and more resorting to hot water as a heating medium. Whether hot water or steam is used, the method of piping the house is the same. If steam is used, a boiler is placed in the basement, and the pipes are placed along the sides of the house hung to the side walls. There should also be some pipe laid on the floor to show how and where to place these pipes varies with the conditions to be met.

The number of pipes depends on the size of the house, the amount of glass surface, the extreme average temperature of the locality in winter, the exposed or protected situation of the house, the materials used, the building and had construction of the greenhouse itself, and many other small details which are used in designing a successful and economical heating system.

If steam is used, it should be a low pressure system as the wear and tear on the pipes should high pressure be used, would be great, to say nothing of the of the fuel. The boilers may be set in a cell or the level of which is considerably below the basement. In this case, the condensate water is returned to the boilers by gravity. If the boilers are on the same level as the greenhouse proper, the condensate water must be used to return the condensation.

It is the same with hot water. In a hot water system, there are two ways employed in generating the heat. The first and most usual is to make the water directly in a boiler and circulate same through the pipes in the greenhouse; the other, is to heat the water in the boilers, and then circulate same to the greenhouse. In the latter case, the steam passes through a coil in enclosed tank, the water surrounding the coil imparts its heat to the water, which is then carried through the pipes to heat the greenhouse. In the latter case, the steam passes through a coil in enclosed tank, the water surrounding the coil imparts its heat to the water, which is then carried through the pipes to heat the greenhouse.

Forced Circulation.

There are two means used to circulate the water, either by the gravity method. One is to have an accelerator connected to the mains. This device is simply a propeller turned by the water. The propeller hastens the speed at which the water circulates, helps it over many declivities and returns it at a higher temperature to the boiler. The other method is what is known as
Forced Circulation. This method requires the service of a pump of some kind. The water is heated and then forced by the pump through the pipes in the greenhouse and back to the boiler. The pump may be operated by steam, electricity or gasoline. The old fashioned plunge steam pump is, I believe, the most reliable, but pumps driven by the other methods that I have mentioned have proved satisfactory. There are several advantages of heating by forced circulation and I believe it is the method which will be used on a large scale in the future.

In the first place, the size of the pipe used for the mains and heating coils, can be smaller than in a gravity system. The water returns to the boiler at a higher temperature and it is possible to heat a house more evenly. I am sorry that I have not more time at my disposal to go into the subject of heating more fully. It is one that is full of pitfalls, even to the initiated. What I have said, outlines the general principle. The ratio of determining the number of pipes to the glass surface, the size boiler required, the distribution and grading of pipes, size of mains, etc., are really up to the heating engineer, but if growers knew more about these, they would not be apt to have a heating apparatus designed and installed which will prove far from satisfactory and not what was desired.

The more one knows about everything that is used or in use in one's business, and that knowledge used wisely, just so much more successful will the business become.

A few years ago, growing vegetables under glass was almost unknown. Now the cultivation of vegetables in greenhouses is increasing rapidly and as time goes on, I expect and predict that the industry of growing vegetables in greenhouses would have reached such proportions that we shall be supplied with vegetables in winter, as in summer, and the cost not much greater than growing vegetables out of doors.

Vegetables and flowers grown under glass have a finer flavor than those grown out in the open.

There is no country in the world that offers the opportunities that ours does, and it behoves us all to make the best of these opportunities in what ever line we may be engaged.

UNIQUE WHITEWASH USED IN URUGUAY.

(From a report of General Frederic W. Godin, Montevideo.)

When traveling through the rural districts of Uruguay, one's attention is attracted to the fine white color of the farm buildings, even during the wet season. To obtain this neat effect a whitewash is used which is made with the sliced leaves of the common cacus, macerated in water for 24 hours, producing a solution of creamy consistency; to this lime is added and well mixed. When applied to any surface, be it of wood, brick, iron, or other material, a beautiful white appearance is produced which will endure through storms and frosts for many years. In sections of the United States where the cactus is a nuisance, the plant might be utilized in the manner suggested.

GREENHOUSES BUILDING OR CONTEMPLATED.

Eugene, Ore.—R. Rae, addition.  
Rochester, N. Y.—H. P. Neun, one house.  
Haverstraw, N. Y.—John J. Cooman, addition.  
Lexington, Ky.—Miss Fannie White, one house.  
Evansville, Ind.—Louis Fritsch, house 14 x 60.  
Elmhurst, Calif.—G. Ukai, carnation house 25 x 100.  
Southington, Conn.—William Fischer, one house.  
Newboro, Mass.—Dr. J. M. Stanley, greenhouse, one house.  
Greenwood, Mass.—John Barry, main street, one house.  
Grand Rapids, Mich.—Freling & Mendels, range of houses.  
Buffalo, N. Y.—Park Commissioners, Delaware Park, one house.  
Grants Pass, Ore.—E. Mayer and H. Nyberg, range of houses.  
Providence, R. I.—The Westminster Greenhouse, inc., addition 20 x 35.  
West Medway, Mass.—Robert Doherty, carnation house 24 x 100.  
Jackson, Mich.—Burt & Coggin, formerly at Kalamazoo; range of houses, 29,000 ft.  
Des Plaines, Ill.—Warren Garland, carnation and sweet pea house 27 x 225. Sol Garland, carnation house 27 x 225. Grant Whiffen, one house.  
Erie, Pa.—Edward Lichtinger and Charles Wells, West 25th street, range of houses, to be known as Cherry Hill Greenhouses. Jesse Frost, Caldwell street, one house.

Reports have come that Salzer Bros.' greenhouses at La Crosse, Wis., were totally wrecked by a recent storm which was so severe that north windows were broken all over the city.

DETROIT SCHOOL FLOWER FESTIVALS.

A very interesting event was the annual Flower Festival brought into being by the Twentieth Century Club. School children who got seeds from this club last spring bringing their product to their respective schools, and keen indeed was the competition for the many prizes. Ladies of the club and the following florists acted as judges: M. Bly, P. Danzer, F. Holmagne, M. Sullivan. Twenty-five schools participated.

The most interesting display and the one receiving first prize was arranged in the kindergarten room of the Wingert school. The whole room represented a back yard with a summer house in the far off corner in which a tea party was in progress. A serpentine walk bordered with red and white asters led up to this, while beds of other flowers in artistic color combinations were distributed over the lawn. On the other side of the hall boys improvised themselves hill corn, and girls took care of beds of zinnias and marigolds.

Many of these exhibits showed very practical lessons and some of the flowers and their style of arrangements, as also some vegetables, would have been a credit to a professional.  
FRANK DANZER.

Lowell, Mass.—All the florists in the city have been notified of an action taken by the police board relative to Sunday business. Many of the florists, it seems, have somewhat stretched the rules to keep their shops open until Sunday noon, so that hereafter no such thing will be allowed. They may receive orders up till late Saturday night, and make up and deliver these until 11 a.m. Sunday, but the shops must not be open at all on Sunday, except to fill the orders.
HORTICULTURE

A FARMER'S DINNER.

To enter, for one thing, empathic pride at front position, for the farmer has no compensating advantages for all his troubles as compared with the city dweller, and for another, to show that those high-pitched, heady, exhilarating tones of the Farm School, and Howard M. Earl of Fordhook Farms, invited a select party of city men—soffers, bon vivants, philistines, poets, philosophers and unbelleviers—for the purpose of giving them an object lesson, Sept. 14, 1911, to a farmers’ dinner at Farm School, Bucks County, Pa. (Whew! That’s a long sentence, but it will be aspiring to the Gladstone and Cleveland hilltop if we can sustain a gait like that and still be understood without putting in a full stop.)

They made a day of it—and what a day! Brilliant sunshine, a crisp, clear September day, their hosts to meet them at the station, a drive through the turns, through the woods, to the Fordhook Farms adjoining, a drive through theseand inspection of the fields of scarlet sage, mallows, phlox, and scores of others, some for testing, some for seed saving, then down to the farm buildings and a look through the model arrangements and processes. Increase the world-famous Burpee pedigree stocks of chickens, collies, and other pet and useful “horrned” cattle. In passing the Burpee residence, who should appear smiling on the porch but “the big chief” himself, and nothing would do but that the party must disembark and come inside the house of brief rest. Strangers who know Burpee know what a prince he is at doing the honors. Of course there was the usual chat and rest, then the jest and repartee and general waggery, at which Everett, the English butter and body squire of the chief, with all his h’s and k’s and wordy ways still hanging to him, appeared too nervous to laugh, but the house know Burpee know what a prince he is at doing the honors.

So it was a pleasant day, a comfortable day, a day to be remembered.

September 23, 1911

WASHBURN AND EARL'S FARMERS' DINNER.

Thursday, September 14, 1911.
Cooking by Washburn. Eats by Earl.

An APPETIZER!
Guess what it is?

ENTREES.

Home made from Farmers’ Grape-vine, Washington's Folly, Burpee’s Best. TATERS. Not mashes.

ONIONS.
CLEERY.
Without odor. “Boughten”

WOLF’S CLEAR CIDER.
MYSTERY SALAD.
The ingredients have been accumulating all summer.

RAT TRAP CHEESE.
AREENITHY BISCUITS.

BLACK WALNUTS—From Farm School Woods.

FORDHOOK ORCH.
HOT WATERMELON.
DYESPIECE PIE.

If “cates” are unsatisfactory please make complaints in writing to Dr. John H. Washburn, Farm School, Bucks Co., Pa.

After about two hours of most scandalous demolition from beginning to end, those who were able hit the road.

Then came more sight seeing. Bye and bye came another improvement meeting at the Burpee residence, which had some speech-making and was almost developed into a little home concert. The dispensers of the day’s speeches, megaphone and other wise, were given the Boss’s appreciation of the merits of Wolf’s sweet cider, and Editor George Donnelly’s dissertation on the virtues of “Swiss chard” as compared with spinach. The former was most sincerely convinced that his mission in life had at last been struck; That Mr. Earl and others might hint that they had been telling the people that every thing for thirty years and more, made no impression on George Donnelly. He was in the full gallop of the new discovery. A secret came out about the ladies of the Washburn and Earl families. They had disguised themselves in neat waiters uniforms and most of the guests being strangers they had great fun at getting in touch with a lot of men folks for the abandonment of a small dinner. Fortunately everybody behaved well. There was no flirting and the only cuss word we remember came from the only cuss was the party.

In his own inimitable way Mr. Burpee made the speech of thanks to the ladies. Dr. Daly gave some of his wonderful stories and recitations. These have made him famous on almost every stage all over the United States and Canada. Two of the Emery—William Emery and T. Frank Dooner, gave a sample of their quality to please Mrs. Burpee and the other ladies present. When train time came it was the most chastened, subdued and admiring lot of city men that had adieu to their hospitable, able and wonderful hosts. Happy to meet—sorry to part—happy to meet again.

GEORGE C. WATSON.

[...]

NEWS NOTES.

Middletown, N. Y.—Robert Crawford, florist, cottage street, was cut and bruised in an automobile accident at Newburgh on Sept. 8.

Akrorn, Ohio—Mayor H. Beebe, florist, has sued O. C. Barber of Akrorn for $522 for material alleged to have been furnished Barber’s country home.

J. G. Pump, O. M., of land near the city park have been purchased by E. Mayer and B. Nyberg of Seattle, who will put up a greenhouse plant and engage in the florist and nursery business. The concern will be known as the Grants Pass Floral and Nursery Co.

FINE LOT OF CALIFORNIA PRIVET
25.00 to 25.50 per 100.
FIELD CARNATIONS
Enchantress and Winter, $8.00 per 100.

500 Jerusalem Cherries
Field grown, ready for 5 and 6-inch pots.

ROSES FIELD-GROWN

OWN ROOTS

RIDLEY PARK NURSERIES

Ridley Park, Pa.

IN THE SWIM

I must be to the swim
You might forget my name
And go for a swim, my dear,
If you do not get the best.

Christmas Trees, Spruce or Balsam, from one to ten, all quantities accepted. Spruced Spruce, Balsam, Hemlock, Boughs, Laurel and Evergreen Festooning and Wreaths, Phoenix Wool, Hardy Formal Flower and Dagger Ferns. Yearly Contracts Made.

For Price List and information write for Christmas Trees now. GET THE BEST.


HERBERT, ATCO, N. J.

DAHLIAS Every Day in the Year
Bodddington's Quality Christmas and Winter-Flowering Sweet Peas

true stocks of Winter-Flowering Sweet Peas will be scarce this season. Some varieties are a total failure, owing to the exceptional season in California this Spring. We can make immediate delivery of the varieties marked with a star (*), the balance we are expecting from our grower in California at any time. Our advice to intending planters is to order early.

Our stocks of Christmas-Flowering Sweet Peas have stood the test for years, and we can refer you to the largest growers of this increasingly popular flower, as to the trueness and quality of our seed, earliness of blooming period. The following varieties are the "best by test" and include Zvolanek's and our own introductions, grown for use from selected stocks by the leading California Growers and Specialists of Sweet Peas. Our output last year was nearly 6000 lbs. No kicks and plenty of testimonials as to quality, germination and trueness to type.

BODDINGTON'S QUALITY WINTER-FLowering SWEET PEAS

At the Exhibition and Convention of the National Sweet Pea Society of America, July 12th and 13th, 1910, we again won the C. C. Morse & Co.'s Silver Cup for the finest and best collection of Sweet Peas open to the trade only.

BOODDINGTON'S EXTRA EARLY CHRISTMAS WHITE SNOWBIRD. An exceptionally early Sweet Pea for indoor flowering—will bloom six weeks after sowing. Color clear white, upon long stems; profuse of exceptionally free-flowering quantities. Without doubt, the finest early white for indoor planting. We sell one grower in Pennsylvania 50 lbs. of this variety every year, name on application. Oz., 30 cts.; 1/4 lb., $1.50; 1/2 lb., $2.60.

BOODDINGTON'S CHRISTMAS PINK. This is the earliest and most profuse and useful Sweet Pea in cultivation, as by sowing the seed under glass in latter part of August flowers can be cut from Thanksgiving during the Winter months. Oz., 25 cts.; 1/4 lb., 75 cts.; 1/2 lb., 1.25; lb., 2.00.


BOODDINGTON'S CANARY. Similar to the above, but flowers of an exceptionally good yellow. Oz., 35 cts.; 1/4 lb., $1.00; 1/2 lb., $1.25; lb., $2.00.

BOODDINGTON'S FLAMINGO. Color scarlet, five-inch long and early. Oz., 50 cts.; 1/4 lb., $1.50; 1/2 lb., $2.75; lb., $5.00.


Miss Jessie Keith. White; very large flowers. Oz., 25 cts.; 1/4 lb., 75 cts.; 1/2 lb., $1.25; lb., $2.00.


Mrs. George Lewis. Large, pure white wavy flower. Oz., 25 cts.; 1/4 lb., 75 cts.; 1/2 lb., $1.25; lb., $2.00.

Mrs. W. W. Smalley. Satiny pink. Oz., 25 cts.; 1/4 lb., $1.00; 1/2 lb., $1.75; lb., $3.00.


Mrs. Zvolanek. Blue, variegated; good for variety. Oz., 50 cts.; 1/4 lb., $1.50; 1/2 lb., $2.75; lb., $5.00.


All other varieties of Winter and Summer-flowering Sweet Peas supplied. Write for quotations.

ARTHUR T. BODDINGTON, Seedsman
342 West 14th St., NEW YORK.

Landscape Architect and Forester
1 Montgomery St., JERSEY CITY, N. J.

Box Trees and other EVERGREENS for Tubs and Boxes
Our Prices are Always Right—Catalog Free

THE NEW ENGLAND NURSERIES, Inc.
BEDFORD, MASS.

DIRECT IMPORTATIONS

J. B. Taylor, Importer

HOLLAND NURSERIES

Best Hardy Rhododendrons, Azaleas, Conifers, Clematis, H. P. Roses, Shrubs, and Herbaceous Plants.

P. O. WURKERK, 518 5th Ave., Hoboken, N. J.
PHILADELPHIA NOTES.

C. H. Grakelow is running for councilman in his ward on the republican ticket.

S. B. Dicks was the guest of W. Atlee Burpee at the Union League on the 13th inst.

J. C. Berger, of Berger Bros., reports a very enjoyable ten weeks up the Penobscot beyond Bangor, and returns to business with his health entirely restored.

Samuel S. Pennock and family reached Lansdowne last Monday and S. S. P. got back to the store on Wednesday. Now things will begin to happen—the boss is on his job again.

The builders fell down on their expectations for the new Niessen building—and the Leo Niessen Co. were unable to move in on the 18th inst. as expected. The event is now scheduled for September 25th.

Mrs. John H. Dodds has returned from a visit to the seashore, feeling greatly improved in health. She under went surgical operations of the past few years on a wrong diagnosis seriously impaired the patient's health—and it is gratifying to learn that at last there is good news.

Good packing is a feature of the dahlias shipments coming from the Peacock Farms to Niessen's this year. Single layer boxes containing 100, 150 or 200 blooms are sold unbroken as they stand—and thus saving much labor and insuring more presentable flowers. Dorothy Pennock is one of the most charming of the new ones and finds ready sale at good figures. Jack Rose is another in the same category.

Michell's will hold a Dahlia Show, September 26, 27, 28 and 29. There are ten classes and first and second prizes (cash) are offered in each. Private gardeners only allowed to compete. All flowers to be delivered not later than 5 p.m. of the 25th. The arrangements of the flowers and the general management of the exhibits are under the direction of Philip Freund. As an adjunct a fine showing of perennials, gladioli, bay trees, palms, etc., will be staged. The judges of the dahlias are W. C. Herbert, A. L. Turley, L. K. Peacock and Maurice Fuld.

CINCINNATI NOTES.

Frank Farney, representing M. Rice & Co., Philadelphia, called on his trade last week.

The Hyde Park Rose Company at their fall meeting re-elected Gus Mider president and elected Ben Sonnenberg secretary and treasurer to succeed Al. Sunderbruch, who resigned as secretary.

Max Rudolph and Henry Schwarz have returned from Europe. Max says the only thing he missed was the pleasure of seeing his fellow-travelers several months away. Many states that they overlooked nothing.

C. E. Critchell a day before he was to depart from the Snows for home had the misfortune to fall and cut a gash in his leg, from below the knee to the ankle. Other voyagers who have returned are: B. P. Critchell, from Benton Harbor; Gus Adrian, from the Snows, and Miss Corn Pherson, from the Snows.

Chillers last week were: Misses White of Lexington, Ky.; Paul Berkowitz, representing Bayard & Co., Philadelphia, and Suta Seligman, representing Wertheimer Bros.

NEWS NOTES.

Winchendon, Mass.—W. W. Ruthland is about to give up his River street greenhouse.

Chicago, Ill.—Chappel, the florist, on 33rd street, who started in business last fall has closed his store.

Great Neck, N. Y.—Robert Thomas, gardener to Mrs. Eldridge, has obtained a pure white seedling Amaryllis.

Bowling Green, O.—Hiram Wafeil, of the Wafeil Floral Co., Muncie, Ind., has leased the florist business of Mrs. George H. S. He intends to do a wholesale as well as retail business.

Barrington, R. I.—A small tornado visited this town Monday, wrecking greenhouses, uprooting trees, blowing down signs and breaking hundreds of windows. The storm lasted for ten minutes only and cut a swath 50 feet wide and about a mile and a quarter long.

Baltimore, Md.: W. E. McKissick, of the S. Pennock-Meekan Co., visited a number of the Maryland growers last week. He reports stock to be in excellent shape and making a good appearance. The rains of the past few weeks have aided the dahlias crop and other outdoor flowers wonderfully.

PRIMULA MALACOIDES

"The Glorified Baby Primrose"

Offered for the first time in America. This variety will continue sending up an succession of blooming spikes (color, beautiful lilac), giving the appearance of a shower of blooms.

The individual flowers are much larger than P. Forsteb and infinitely more freely branched. It is highly recommended either for cut flowers or for plants, which soil readily on sight. Per trade pkt., $1.00; $1/4 pkt., 60c.

Our Fall Bulb Catalogue of Quality Bulbs, etc., now ready. A post card will fetch one by return mail.

FRANK OECHSLIN

1911 Quincy St., — CHICAGO, ILL.

LARGEST IMPORTERS, EXPORTERS, Growers

and Hybridists in the World

SANDER, St. Albans, England

and 258 Broadway, Room 721

NEW YORK CITY

ROSEHS

Orchids, Azaleas, Palms, Lorraines, Crotons

RUTHERFORD, N. J.

SPHAGNUM MOSS, up burlled bale dry, $2.00.

ORCHID MOSS, 100 lbs. $2.00.

GREEN LEAF MOSS, 100 lbs. $2.00.

NURSERY MOSS, per hore cut, $5.00.

J. B. TOWNSEND, Berlin, N. J.
Dreer's Imperial Japanese Iris

Our stock of these beautiful Japanese Iris is not only the most extensive in the country, but is also the largest assortment of home grown varieties offered and can be relied upon to be true to name and color.

September and October are the best months to plant. We supply strong liberal divisions of the most satisfactory planting size.

DOUBLE FLOWERING OR SIX PETALIZED JAPANESE IRIS

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Koshi-No-Iro</td>
<td>Light violet with white veins.</td>
</tr>
<tr>
<td>2</td>
<td>Yome-No-Iro</td>
<td>A fine free flowering early double white.</td>
</tr>
<tr>
<td>3</td>
<td>Koki-No-Iro</td>
<td>Rich royal-purple with white veins.</td>
</tr>
<tr>
<td>4</td>
<td>Tailheiran</td>
<td>Ten petals, crimson-purple with yellow centre.</td>
</tr>
<tr>
<td>5</td>
<td>Kuma-Hinu</td>
<td>Silvery-white, with a broad border of magenta-lilac veined with white.</td>
</tr>
<tr>
<td>6</td>
<td>Sumo-Watashi</td>
<td>White, with canary-yellow centre.</td>
</tr>
<tr>
<td>7</td>
<td>Goseisou-Mai</td>
<td>White, veined and traced throughout with aniline-blue.</td>
</tr>
<tr>
<td>8</td>
<td>Ichibun</td>
<td>Bright purple with crimson sheen.</td>
</tr>
<tr>
<td>9</td>
<td>Yoshimura</td>
<td>Very large flower; creamy-white, delicately veined with violet.</td>
</tr>
<tr>
<td>10</td>
<td>Denjo-No-Tama</td>
<td>Petals peculiarly fluted, light violet with white lab and light veinings.</td>
</tr>
<tr>
<td>11</td>
<td>Watanumurasaki</td>
<td>Crimson-purple with dull blue shadings at base of petals.</td>
</tr>
<tr>
<td>12</td>
<td>Hodosi</td>
<td>Silvery-gray, suffused and densely veined with violet-purple.</td>
</tr>
<tr>
<td>13</td>
<td>Ho-Do-jo</td>
<td>A fine, late-flowering white.</td>
</tr>
<tr>
<td>14</td>
<td>Fuji-Mine</td>
<td>White, veined with deep purple.</td>
</tr>
<tr>
<td>15</td>
<td>Waka-Hoei</td>
<td>Pure white, veined throughout with purple; fine late flowering variety.</td>
</tr>
<tr>
<td>16</td>
<td>Geishol</td>
<td>Eight to ten petals; bright crimson-purple with white veining; full double flower.</td>
</tr>
<tr>
<td>17</td>
<td>Uji-No-Hotaru</td>
<td>Bright violet-purple, shaded blue.</td>
</tr>
<tr>
<td>18</td>
<td>Kaun-Ran</td>
<td>White; densely veined with rich violet-purple.</td>
</tr>
<tr>
<td>19</td>
<td>Kaiden</td>
<td>White ground, densely dotted and bluish violet.</td>
</tr>
<tr>
<td>20</td>
<td>Yamanagi</td>
<td>Rich violet-purple, shaded with blue.</td>
</tr>
<tr>
<td>21</td>
<td>Shimosa</td>
<td>White ground, minutely and densely spotted throughout with bright violet-purple.</td>
</tr>
</tbody>
</table>

SINGLE FLOWERING OR THREE-PETALIZED JAPANESE IRIS

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Iso-No-Nami</td>
<td>Silvers-white, veined with violet.</td>
</tr>
<tr>
<td>23</td>
<td>Torato-Izumi</td>
<td>White, faintly traced with violet.</td>
</tr>
<tr>
<td>24</td>
<td>Hata-Doza</td>
<td>Rich violet-purple with metallic sheen.</td>
</tr>
<tr>
<td>25</td>
<td>Hana-Ko-Ishiki</td>
<td>Bright violet-purple, veined with white.</td>
</tr>
<tr>
<td>26</td>
<td>Shindo</td>
<td>Light lilac; densely veined with purple.</td>
</tr>
<tr>
<td>27</td>
<td>Gekkos-No-Nami</td>
<td>A very early pure white.</td>
</tr>
<tr>
<td>28</td>
<td>Meiran</td>
<td>White; densely marbled and veined with light violet.</td>
</tr>
<tr>
<td>29</td>
<td>Yedo-Kagami</td>
<td>Magenta-lilac, veined with white.</td>
</tr>
<tr>
<td>30</td>
<td>Shi-Ishi-Ryo</td>
<td>Greyish-white, deeply and densely veined and suffused with violet.</td>
</tr>
<tr>
<td>31</td>
<td>Kana-No-Misae</td>
<td>A late flowering pure white.</td>
</tr>
<tr>
<td>32</td>
<td>Kuni-No-Megumi</td>
<td>White, densely veined with purple; late flowering variety.</td>
</tr>
</tbody>
</table>

Price, any of the above named varieties, $1.25 doz.; $8.00 per 100; $70.00 per 1000.

For the complete List of Hardy Perennial Plants as well as all other Seasonable Stock
See our current Wholesale List issued September 1st.

The above prices are intended for the trade only.

BEST PALMS
All Varieties, All Sizes. Send for Price List
Joseph Heacock
Wyncote, Pa.

PALMS, FERNS, DECORATIVE AND FOLIAGE PLANTS
Also Azaleas, Begonias, Bay and Box Trees
A. LEUTHY & CO.
Pike's Street Nurseries, Roslindale, Boston, Mass.
Price list on application.

PALMS, FERNS AND DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St. Tel. 656 Bed ford
BROOKLYN, N. Y.

In writing to Advertisers kindly mention Horticulture
LILIUM FORMOSUM
Can Be Grown Nicely in a Carnation Temperature

SPLENDID WELL-RIPENED BULBS
ORDER TODAY

<table>
<thead>
<tr>
<th>Size</th>
<th>No. to case</th>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 to 8 inches</td>
<td>400</td>
<td>$4.00</td>
<td>$35.00</td>
</tr>
<tr>
<td>7 to 9</td>
<td>300</td>
<td>6.50</td>
<td>55.00</td>
</tr>
<tr>
<td>8 to 10</td>
<td>250</td>
<td>8.75</td>
<td>82.50</td>
</tr>
<tr>
<td>9 to 10</td>
<td>200</td>
<td>9.50</td>
<td>90.00</td>
</tr>
<tr>
<td>10 to 12</td>
<td>150</td>
<td>12.50</td>
<td>115.00</td>
</tr>
</tbody>
</table>

Place your order now for
Special Michell Brand Lilium Giganteum
and
Special Michell Brand Lilium Multiflorum
Large sizes will be scarce and
prices now are low

WHOLESALE BULB CATALOGUE NOW READY.

HENRY F. MICHELL CO.
518 MARKET STREET
PHILADELPHIA

CATALOGUES RECEIVED.
T. C. Thurlow’s Sons, Inc., West Newbury, Mass.—Peonies, Iris, Phlox. An excellent list of selected varieties.
E. Turbat & Co., Orleans, France.—Preliminary Wholesale List of Roses. 21 pages of rose names, including novelties for 1911.
Geo. Wittbold Co., Chicago, III.—Wholesale Plants of Palms, Perennials, etc. Also Nursery Price List of Ornamental Shrubs and Trees.
Vauhan’s Seed Store, New York.—Autumn Catalogue, 1911. Tulips, daffodils, etc., in colors on the covers, a general line of bulbs and fall plants within.
Good & Reese Co., Springfield, O.—Fall Trade List. For florists, nurseries, men and dealers only. An illustrated price-list of hardy and tender material. Strong on roses.
Sutton & Sons, Reading, Eng.—“Sutton’s Bulbs for 1911.” This is a model catalogue, beautifully illustrated and with a typographical finish rarely met with in such publications.
Anton Schultes, College Point, N. Y.—Wholesale Price for Fall 1911 and Spring 1912. A very complete list of foliage, flowering and ornamental decorative plants offered to the trade by this well-known grower.
W. & T. Smith Co., Geneva, N. Y.—General Catalogue. Hardy fruit and ornamental trees, shrubs, vines and roses, “the product of sixty years’ experience.” A handsome volume of 80 pages, profusely illustrated and giving descriptions and planting information of much value to the buyer. Prices are omitted.

A FRIEND’S TRIBUTE.
Editor HORTICULTURE:
On my return from a short vacation, I was very sorry to learn through a note in HORTICULTURE, of the death of Mr. Archibald Smith, Oxford, England.
Those of the older generation in Boston will remember Mr. Smith as a kindly generous-hearted man, but with a faculty for direct, unequivocal, and exact statement, which, in these days of popularity seeking, is rare.
Mr. Smith’s training as a seedsmen was of the most practical kind; literally he knew the business from the ground up. While he was in Boston, it was my pleasure to listen to a talk he gave to a number of gardeners and others, on “Seeds,” in which it was agreed he displayed a knowledge of both the practical and technical sides of the business, so intimate that it is attained by few.
The qualities of his heart and head endeared him to many of us, and the world can ill afford to lose such men.
J. C. SCORGIS.
Mt. Auburn Cemetery, Cambridge, Mass.

Carnation plants all sold, discontinue adv.
J. H. PLAYDON.

HOW MANY BULBS TO THE ACRE?
Editor of HORTICULTURE:
In Mr. Newell’s article in HORTICULTURE of Sept. 9, he seems to regard the account of a gladiolus grower planting 200,000 bulbs to the acre as a “lot of rot.” Now if he will take a trip to Orange, I will show him how first size bulbs are planted in my field at the rate of 110,000 to the acre, and the smaller blooming sizes can be planted so that 200,000 can easily he planted on an acre. It is not necessary to plant gladioli six inches apart in single rows, nor is it practical, or economy for the commercial grower to waste valuable land in this way.
Regarding what he says about mulching his gladioli to protect them against the cold ground and weather, this was altogether unnecessary, for I have had my plantings covered with snow and a frozen crust on the surface of the ground after my gladioli were four inches high, with absolutely no harmful results.
L. MERTON GAGE.

NEWS NOTES.
Temple, Texas.—J. R. Boyd, of Cleburne, has established a greenhouse plant upon a site in the northern part of the city.
Grand Rapids, Mich.—Wealthy Ave. Floral Co. have just completed office and workroom in cement blocks and contemplate rebuilding a large part of their greenhouse plant in the spring.
Detroit, Mich.—A heavy gust of wind on September 18, wrecked the scaffolding around J. A. Stabellus’ new chimney, demolishing 50 feet of an adjoining greenhouse at the same time.
Seed Trade

Pea Estimates and Deliveries.

Two weeks ago we stated that one or two of the pea growers had been induced to submit estimates of their expected deliveries on contracts, but their example does not seem to have been followed up to this time by the majority of the growers. At least we have not learned of any. Beyond doubt, however, estimates from practically all may be expected about the first of October, if not before. It seems to be exceedingly difficult for the growers to size up conditions this year and naturally they are reluctant to over-estimate; while at the same time conditions are so bad that they do not want to represent them as worse than they are. Many seedsmen and canners will have heart failure when the estimates are received by them even when the best possible showing is made; but, as stated previously in these columns, we believe that the general average of deliveries on peas will be better than a year ago, and particularly on such varieties as Gradus, Thomas Laxton, Sutton's Excelsior, No fiat's Excelsior, Gems, Telephones, and in fact nearly all of the large-podded varieties. It may be well to remark here, however, that readers should not have their expectations raised too high, as the deliveries might be disappointingly low and still be better than last year's.

The Sweet Corn Outlook.

We have stated on information here-tofore received that there was likelihood of a considerable shortage in the crop of early sweet corn, but that the later varieties would make a better showing. From the latest advice received we find that it is necessary to reverse this order, as we are now informed that the early varieties will do considerably better than was expected a month or two months ago.

Narcissus

Paper White Grandiflora

13 ctm. Bulbs. Per 100, $1.25; per 1,000, $9.00; case of 1,250 bulbs, $11.00.

A. HENDERSON & CO.
30 E. Randolph St., CHICAGO

Headquarters for

FALL BULBS

Send for Trade List

John Lewis Childs

Flowerfield - LONG ISLAND, N.Y.

For Fall Planting

Lilium Tenuifolium, Henryl, Hansold, Walvisch and Davuricum; Elegans var. Single and Double Tigers; Japan Tree Lilies; Delphinium Formosum; Japan and German Iris; Daphne Canorum.

Fall list ready in August.

E. S. MILLER
Wading River, N. Y.

Ralph M. Ward & Co.
12 West Broadway, New York

Importer of Horseshoe Brand Products

Not bow cheap
But bow good
Still bow cheap
And bow good

Fresh arrivals of Formosas ready for immediate delivery — good selected stock.
through the condition of the late varieties has deteriorated considerably. Recent severe frosts throughout Connecticut and New England have considerably damaged corn, but the extent of the damage has not as yet fully materialized. We shall probably know more about this in another week. Up to the present time the western corn has escaped any serious damage by frost, which has been a very marked relief to the late varieties, and will greatly increase the yield. It is, of course, appreciated by all that the corn crop has reached the stage where there is no possible chance for improvement, but unlimited opportunity for damage. It is hoped, however, the damage account may be a very small one.

Beans.

By the way, a few of the pea and bean growers have thought it advisable to send out their estimated deliveries on beans of the 1911 crop. In view of the fact that bean harvesting has barely commenced, this seems a little premature, and especially in view of the fact that the same growers have not given any estimates on peas, although the latter have been practically all harvested for a month past. Speaking of beans, we learn that there has been considerable inquiry from Germany, particularly for the wax pod variety, and that sales of considerable quantities have been consummated at strong prices. This would seem to indicate that our To-ronto friends have very much overlooked the short side of the bean question. It may be added, that inquiries for peas are even more numerous, but very few have been in the position to quote anything in garden peas.

Potato Prices.

The situation affecting seed potatoes and the potato crop in general has been rather fluctuating late in the week. There was a decided slump in prices, but this week they have firmed up again, and we are believers in ultimately higher prices for this year's crop than have yet been realized.

New Seed Houses.

Some months ago we announced that Mr. F. A. Sherman, formerly of Sherman & Elder, Auburn, N. Y., who sold out two years ago this fall to his partners, had decided to again engage in the seed business, and had organized a new company under the name of Houghton & Sherman Company. Mr. Sherman has advised us that all preparations have been made to carry on an aggressive campaign in the seed line during the fall and winter, and he hopes that many of his old acquaintances will remember him with at least a portion of their business.

The Wiseman & Downs Company, of Baltimore, has been launched and fully incorporated. We extend them congratulations and best wishes, but in a town already fully supplied with seed houses, energetic and highly intelligent action will be needed to achieve success. The Wiseman & Downs Company know this and have undoubtedly discounted all possibilities. We expect to have some further information regarding Baltimore within the next week or two.

Quotations.

W. A. B.—"We have at last got a cabbage that fills all requirements and in honor of that wonderful achievement we propose to name it after the greatest of restaurateurs, Frank Dooner. We call to our assistance, in this deserved compliment, apt alliteration of art's aid, and we propose to call this great cabbage—"Dooner's Dreadnought."

G. C. W.—"Very good! What a saving this will be in writing labels, reports and things, when it becomes so familiar as to reach the abbreviation stage! Just say D. D. cabbage."

T. Frank Dooner.—"Doesn't that D. D. sound like a cuss word? Besides, couldn't Mr. Burpee find something else rather than a cabbage to put my name on?"

Tom Daly.—"Sit down, you foolish person! D. D. means Doctor of Divinity, and has nothing to do with cuss words."

Final Outcome of Natural Grass Seed Crops.

Stated in brief, may be summed up as follows:


Notes.

Ocala, Fla.—Baxter Carn, seedsmen, is succeeded by his brother, W. H. Carn.

S. B. Dicks, of Cooper, Taber Co., sailed for home on the Lusitania, Wednesday, September 20.

New Albany, Ind.—The New Albany Supply Co. has succeeded the Brown Seed store. John Zahnd will be manager.

Champaign, Ill.—A store at 10 East University avenue has been opened by the Champaign Seed Co. Cut flowers and nursery stock will also be carried.

The Kingston, N. Y., papers have been giving generous space to recent issues to David Burgevin of the firm of Valentine Burgevin's Sons, florists. This firm has a range of 22 money houses and the free salesroom along the Hudson. David is in charge of the sales end and his brother George looks after the greenhouse department.

Coldwell Lawn Mowers

Hand—Horse—Motor

Known All Over the World

Catalogue on Request.

NEWBURGH, N. Y.
NEW CROP
MOORE'S SUPREME CYCLAMEN
(Williams' Giant Strain)

This famous strain of Giganteum varieties have large beautifully marbled leaves and stout flower stalks, throwing the enormous flowers of great substance and delightful fragrance well above the foliage, and cannot be excelled. Very profuse bloomers of striking beauty. Vigorous growers.

Giant White Swan, pure white.................................................. 100 Seed. $1.00
" Crimson Queen, very rich color............................................. 100 Seed. 1.00
" Red Morn, Satin White, Crimson Eye..................................... 1.25
" Salmon Queen, pale pink.......................................................... 1.25
" Masterpiece, New, extra large flower, pink, red eye................ 1.50
" Prized, white and rose............................................................. 1.50
" Mixed, including the above and other fine sorts......................... 1.00

MOORE SEED CO.

Please mention Horticulture when writing:

LEONARD SEED CO.
224-230 W. KINZIE STREET, CHICAGO

SEEDS, PLANTS, BULBS

All seasonable kinds of best quality
Special prices on large lots

JAMES VICK'S SONS,
Seedsmen
ROCHESTER, N.Y.

COMPLETE STOCK FRENCH AND DUTCH BULBS
Price list free on request.
Joseph Breck & Sons Corp.
47-54 No. Market St., BOSTON, MASS.

CHOICE BULBS

In great variety for present planting—indoors and out
THOMAS J. GREY CO.
32 South Market Street, Boston, Mass.

GIANT

English Cyclamen Seed—best strain, $0.00 per 100, Par-vy Seed—home grown, $0.50 per oz. Winter Giant greenhouse forcing, $5.00 per oz., ½ oz. $1.00.

SKIDELSKY & IRWIN CO.
1215 Betz Bldg., Philadelphia

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas,
Growers for the Wholesale Trade Only.
SAN JOSE, CALIF.

SEEDS SOWN NOW
OF
ANTIRRHINUM
WILL PRODUCE
CUT FLOWERS NEXT WINTER
GIANT STRAIN

 занew Hall Square

Fottler-Fiske-Rawson Co.

Florists and Seedsmen Sell Your Own Scratch or Poultry Food

We will make it for you under your own brand for $33.00 PER TON
Send to-day for sample. 100 lb. bag $3.75. Mr. C. E. Jensen of Atlantic Co., N. J., on Oct. 17, 1910, writes as follows: We have felt that your three grades of Poultry Food, Chick Starter Developing Food and "Square Deal" Scratch or Poultry Food stand with us on equal footing. They are perfect mixtures and sound so good and a pleasure to handle.

J. BOLGIANO & SON, Importers and Wholesalers. Established for 52 Years.

Baltimore, - MD.

Farquhar's Flower Seeds for The Florist

Write for our Wholesale Catalogue

R. & J. FARQUHAR & CO.
Boston, Mass.

Established 1820

Thorburn's Bull Wholesale Catalogue NOW READY Send for a Copy

J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

BRIDGEMAN'S SEED WAREHOUSE
RICKARDS BROS.
Props.
37 East 19th St., - NEW YORK CITY

Sphagnum Moss

In Burlap Bales; per bale $1.00, 6 bales for $5.00, 10 bales for $8.00.
Larger Lots at Lower Prices.

The W. W. Barnard Co.
108-110 W. Kinzie St., CHICAGO

In ordering goods please add "I saw it in HORTICULTURE.

Burpee’s Seeds

Philadelphia

Blue List of Wholesale Prices mailed only to those who plant for profit.
JOHN BREITMEYER'S  
SONS  
Cor. Miami and Gratiot Aves.  
DETOIT, MICH.  
Artistic Designs . . .  
High Grade Cut Blooms  
We cover all Michigan points and good 
sections of Ohio, Indiana and Canada.  

WILLIAM J. SMYTH  
FLORIST  
Cor. Michigan Ave. and 31st St., CHICAGO  
We ship to all points in Illinois and Iowa.  

SAMUEL MURRAY  
Kansas City, Mo.  
913 Grand Ave.  
All Orders Given Prompt and Careful Attention  

STEANER DEPARTURES  
Washington, D.C.  
Gude's  
The Far-Famed Flowers of  
TORONTO  
Delivered on mail or telegraph order for  
any occasion, in any part of the Dominion.  

JOHN H. DUNLOP  
96 Yonge St., - - Toronto, Ont.  
The Park Floral Co.  
J. A. VALENTINE  
Pres.  
DENVER, COLORADO  

WILLIAM L. ROCK  
FLOWER CO.  
Kansas City, - - Mo.  
will carefully execute orders for Kansas  
City and any town in Missouri or Kansas.  

W. J. Palmer & Son  
304 Main Street, Buffalo, N. Y.  
Members Florists' Telegraph Assn.  

ALBANY, N. Y.  
EYRES  
Flowers or Design Work  
DELIVERED IN ALBANY AND VICINITY  
ON TELEGRAPH ORDER  

ALEX. McCONNELL  
571 FIFTH AVENUE  
NEW YORK CITY  
Telegraphic orders forwarded to any  
part of the United States, Canada, and  
all principal cities of Europe. Orders  
transferred or intrusted by the trade  
to our selection for delivery on steamships  
or elsewhere receive special attention.  

NEW YORK  
Orders for Steamer, Theatre, Hotel, or  
Residence Carefully Filled.  

Wm. H. LONG  
412 Columbus Ave.  

DAVID CLARKE'S SONS  
Deliver orders from any part of the country to  
New York City  
Or OUT-GOING STEAMERS  
Write or telegraph  
2139-2141 Broadway, New York  
Telephone 1525-1529 Columbus  

YOUNG & NUGENT  
42 West 28 St., NEW YORK  
"FLOWERS BY TELEGRAPH"  

WILSON  
Fulton St. and Greene Ave., Brooklyn, N.Y  

BUFFALO  
S. A. ANDERSON  
440 MAIN STREET  
Special Deliveries Niagra Falls  
and Lockport  
"THE HOME OF FLOWERS"  

BOSTON'S BEST  
In Quality and Design  
Can be relied upon when you transfer your  
retail orders to  

EDWARD MACMULKIN  
194 Boylston Street, Boston  

LOUISVILLE, KY.  
JACOB SCHULZ,  
550 South Fourth Ave.
HORTICULTURE

THE Florists’ Supply House of America

H. BAYERSDORFER & CO.
1129 Arch St., Philadelphia, Pa.

NEW ENGLAND

FLOWER DELIVERIES

Send flower orders for delivery in Boston and all New England points to
THOS. F. GALVIN
124 Tremont St., Boston

TRANSFER

Your orders for flower or plant deliver-
ey in Eastern New England to
JULIUS A. ZINN
1 Park St., Boston

WELLESLEY COLLEGE
Dana Hall, Walnut Hill and Rockridge Hall Schools
TÁILLY, Wellesley, Mass.
Tel. Wellesley 4-1 and 2. Night 4-1

CHICAGO NOTES.
Severe Storm.
A very severe rain storm, accompanied by a wind that was little short of a cyclone, passed through Chicago early Monday morning, Sept. 12, and did considerable damage. The wonder is that more florists were not heavier losers, but the path of the storm was from the northwest to the southeast, and fortunately the losers were few in number. Peter Reinberg lost heavily and at this writing no accurate estimate can be given, but it is safe to say that several houses will have to be rebuilt and that glass is broken over the entire plant. At George Reinberg’s one section of houses was torn down by the wind and the stock destroyed by the falling glass, while every house will need to have more or less repair. The Schaeff- ter place, six large houses just north of the Reinbergs, which is rented by Charles Handel, is a complete loss. All the houses are down and the stock ruined. This place was directly in the line of the storm’s direction and received its full force. The trees all over the city were damaged, many broken down or torn up by the roots. In places hail fell half an inch thick, and snow was seen. Considered out of the question for this sea- son. Frank Reu’s place was close to the path of the storm but fortunately escaped. A barn came sailing by and carelessly alighted on some vacant ground instead of on the glass. The Chicago Carnation Co.’s plant at Jo- liet was uninjured by the severe storm of Monday. The gov- ernment recorded six inches of rain- fall. The aster plants were all down and Mr. Peter is rejoining that his carnation plants are far ahead of the season.

A Prosperous Young House.
The A. Henderson Co. have completed their office and have everything in fine shape for handling their trade. An addition of Dutch bulbs is expected this week.

Personal.
T. E. Waters is now with the Poehl- man Bros., in their wholesale store. Erne severed his connection with the E. H. Hunt Co. Sept. 16, and

Robt. Gorcke, known as “Jack,” is temporary assistant.

Edward Armstrong, of the firm of A. Lange, is taking a week’s vacation in Michigan.

William Allen of Schiller’s and Margaret Wagoner of Hudson, N. Y., were married at St. Margaret’s church Sept. 11. Mr. Allen has gone to housekeeping at 19 N. Albany street. On the 26th will occur the marriage of Herman Schiller and Hilda Gose. Of Frank and W. Paszek of Wiltor Bros. and Mar- tha Robakowski will embark on mar- rimonial seas.

Earl Barlow, with Z. D. Blackiston, has returned from 26 weeks’ visit to his home town, Newport, R. I.

Mrs. McCabe, wife of Mr. M. J. McCa- be of the Centre Market, is spend- ing some time in New York and other cities adjacent thereto.

Mrs. Schattmiller, wife of Mr. J. G. Schattmiller, has left for an extended visit to her old home in N. Y. City.

Miss Louise Daugherty, bookkeeper at the store of George C. Shaffer, has returned from her vacation which she spent in the Adirondacks.

J. M. Hammer & Son are refiling their houses at Second and Florida avenue, N. E. They are placing new roofs on three of their seven houses.

J. C. Powell is spending a two weeks’ vacation at Atlantic City, while Miss Grace Powers is whiling away a little time at Richmond, Va. Both are employed at the F. Street store of F. H. Kramer.

Fred Gust, well known to the trade, is about to sever his connection with the Washington Florist Co., to accept a position with the Fernery at Seattle, Wash. The best wishes of the trade accompany Mr. Gust.

W. E. Melhock & Son and S. Pen- nock-Meehan Co., made one of his regular trips among the Maryland growers. He reports that Maryland stock is coming along in fine shape, color and condition quite very good.

F. H. Kramer has some very fine long-stem Richmonds from three- year-old bushes. They are really remark- able and when the season is over the plants will be given a fourth chance in the hope of another season’s success.

F. H. Kramer reports finding it difficult to have the large smokestack at his plant in Anacostia kept in proper repair, it being difficult to get men to keep it up to the necessary distance. He is therefore, replacing the iron stack with one of brick.

George Augle, manager of the Phil- adelphia Cut Flower Co., Philadelphia, Pa., spent a week in this city, and did also William Dunning, another Quakerite, manager of the Julius Wolf store. Mr. Dunning was accom- panied by his family.

The Brookland Brotherhood held its annual horticultural show in the Lord Memorial Hall of the Brookland Bapt- ist Church, Twelfth and Newton streets, on September 19 and 20.

Prizes were awarded for the best cut flowers, potted plants, etc.

The Washington Florists’ Club are in receipt of an invitation from Mrs. A. Vincent, chairman, to attend the fifth annual dahlia and flower show, Septem- ber 26 to 29, and many of the members will, no doubt, accept this invitation. Good sized delegations of Washingtonians have made the trip.

W. F. Gude has been appointed general chairman of the concert in the Veiled Prophets’ parade, September 26. Florists of Washington who are taking that active part in the arrange- ments are H. L. Becker, W. W. Cook, J. Henry Cook, W. W. Kimmell, J. Henry Small, J., E. C. Mayberry, O. A. Oehrlein, E. S. Schmid, A. Gude, F. Gude, and others.

CLARENCE L. LINZ

ST. LOUIS NOTES.
Chas. Young is back from a trip to Harrisburg, Pa.

Sanders left Monday for a week’s stay at West Baden Springs.

Mr. and Mrs. R. J. Windler are expected home this week from their bridal trip.

Young & Sons Co. will build a large retail place on Waterman avenue adjoining their greenhouse plant. The store is to have a 36-foot front and a 25-foot show house on each end, making it 100 feet long.

It is not regarded as quite certain that there will be a fall flower show at St. Louis this year. The Society. The meeting of the executive committee next week will decide for the present. The board is divided on the ques- tion.

The greenhouses of James L. Shields at 7227 Florissant avenue, near the Bellefontaine Cemetery, were damaged $400 by the wind Friday night. Last spring nearly every glass in the green- houses was broken in the hailstorm which damaged much St. Louis proper- ty. Shields’ loss at that time was several thousand dollars.


“FLOWERS BY TELEGRAPH.”
Leading Retail Florists Listed by Towns for Ready Reference.

Albany—Silas H. Cogswell, 1116 4th Ave.

Albany—J. Z. Eyres, 11 N. Pearl St.

Boston—Thos. F. Galvin, Tremont St.

Boston—Edw. MacMulkin, 194 Boylston St.

Boston—Alfred L. Binney, 1 Park St.

Boston—Julius A. Zinn, 1 Park St.

Buffalo, N. Y.—G. Wilson, Felton- ton St. and Greene Ave.

Buffalo, N. Y.—Palmer’s 304 Main St.

Buffalo, N. Y.—Mr. Anderson, 410 Main St.

Buffalo—William J. Smyth, Michigan Ave. and 31st St.

Denver—Park Floral Co., 1454 Eway, northwest corner.

Miami and Gratot Aves.

Grand Rapids City, Michigan, Daniel Murray, 912 Grand Ave.

Los Angeles City, Mo.—L. L. Rock Flower Co., 1115 Walnut St.

Louisville, Ky.—Jacob Schiltz, 550 South Broadway.

New York—David Clarke’s Sons, 2130- 2132 Broadway.

New York—Alex. McConnell, 615 8th Ave.


New York—Young & Nugent, 42 W. 26th.

New York—Dards, N. E. cor. 44th St. and Madison Ave.

St. Paul, Minn.—Holm & Olson.

Toronto, Can.—J. H. DuPuis, 95 Yong Sts.

Washington, D. C.—Gude Bros., 1214 F St.

Wellesley, Mass.—Telbby.
REMOVAL NOTICE

We take pleasure to announce, that on and after September 25th, we will be located in our New Building;

N. W. cor. 12th and Race Streets

You are invited to visit our new establishment, which you will find nearly perfect in every respect.

BEAUTIES
$1.00-$3.00 per dozen.

CATTLEYAS
$6.00 per dozen.

DAHLIAS
$1.50-$3.00 per 100.

Dahlia Dorothy Peacock
Pink, $5.00 per 100.

Business Hours: 7 a.m. to 8 p.m.


WELCH BROS.

AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS

BEST PRODUCED

226 Devonshire Street, Boston, Mass.

WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100

<table>
<thead>
<tr>
<th>ROSES</th>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHILA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rose, Beauty, Fancy and Special</td>
<td>15.00 to 20.00</td>
<td>20.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>20.00 to 25.00</td>
</tr>
<tr>
<td>Extra</td>
<td>10.00 to 15.00</td>
<td>15.00 to 20.00</td>
<td>15.00 to 20.00</td>
<td>15.00 to 20.00</td>
</tr>
<tr>
<td>No. 1</td>
<td>5.00 to 10.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>2.00 to 5.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
</tr>
<tr>
<td>Richmond Chanteuse, Fancy &amp; Spl.</td>
<td>3.00 to 5.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>1.00 to 2.00</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fas, &amp; Spl.</td>
<td>5.00 to 10.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>1.00 to 2.00</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>5.00 to 10.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>1.00 to 2.00</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>CARNATIONS, First Quality—Ordinary</td>
<td>1.00 to 2.00</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>MISCELLANEOUS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cuttings</td>
<td>35.00 to 50.00</td>
<td>50.00 to 75.00</td>
<td>50.00 to 75.00</td>
<td>50.00 to 75.00</td>
</tr>
<tr>
<td>Lilies, Longiflorum</td>
<td>5.00 to 10.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>10.00 to 15.00</td>
<td>15.00 to 20.00</td>
<td>15.00 to 20.00</td>
<td>15.00 to 20.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>15.00 to 20.00</td>
<td>20.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>20.00 to 25.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>20.00 to 25.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>25.00 to 30.00</td>
<td>30.00 to 35.00</td>
<td>30.00 to 35.00</td>
<td>30.00 to 35.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>30.00 to 35.00</td>
<td>35.00 to 40.00</td>
<td>35.00 to 40.00</td>
<td>35.00 to 40.00</td>
</tr>
</tbody>
</table>

J.A. BUDLONG
82-84-86 E. Randolph St., Chicago

OUR STOCK IS A1 AND IT IS QUALITY NOT PRICES THAT TALKS

Chicago Flower Growers' Association
Wholesale Growers of Cut Flowers and Plants

176 N. Michigan Ave., BETWEEN RANDOLPH AND LAKE STREETS, CHICAGO

TRY MY PRICES.

HENRY M. ROBINSON & CO.
15 Province St., 9 Chapman Pl., BOSTON, MASS.

Everything in Flowers
Complete Stock of Florists' Greens,
Three Floors of Florists' Supplies.

H. T. J. JANSKY, Tel. Main 3032-1, 19 Province St., Boston, Mass.
Manufacturer of Florists' Wire Designs, All kinds of Florists Supplies.

New crop Bugger and Faney Pern, $1.75 per 100.
Green and Bronze Galam, 50c per 100.
In the case, 85c.
In the box, 95c.
Laurel Wreaths,
30-inch, $1.15 per dozen.
12-inch, $1.25 per dozen.
6-inch, $1.50 per dozen.
Laurel Trimming, 1 and 5c. per yard.
Flower Market Reports.

**BOSTON**
Conditions generally in this city may be said to be fairly satisfactory. The Sales are holding up well, and as compared with last year are favorable in aspect. The aster situation has moderated somewhat, due in part to the devastation of the outdoor crop by recent heavy rains, but there is still an ample supply of them. Carnations are just beginning to assert themselves; the flowers are good but stems are short yet. The situation is satisfactory, quality having improved materially. The novelty flowers, such as Radiance, Hildegonda and Taft are in the lead of the older favorites in interest, and as they are all good shipments, florists have yet to hear the first complaint concerning them. The supply of lily of the valley is ample and quality excellent. Gigantoon lies is a fair call and not overabundant. Golden Glow is the only chrysanthemum as yet. It is only within the last few days that it has been possible to fill calls for catleyas.

Only a very slight improvement in the market this past week. There was slight decline in demand and at prices that are not encouraging to the grower. Astors are still with us though the receipts are not half as heavy, but again no outlet that would clean up the market. Gladiolus are in good supply and quality good, and are moving to better advantage than a week ago. Roses are improving daily, and extras and selecta are becoming more plentiful. Also in the carnation line there is much now to be had—some choice Chrysanths, Winsor and Enchantress—and each day brings the quality better and the demand growing. Golden Glow chrysanthemums only in slight demand.

**CHICAGO**
The big storm of Monday night has played an important part in the question of stock. The high wind, the excessive rainfall and in some localities the hail have laid low the late asters and gladiolus. There was a marked difference in the looks of the tables in the wholesale stores the morning following the storm and those who do not favor the aster when the market is overfilled with them are now rejoiced at their absence. All plant stock left in the fields has also suffered. Beauties are excellent and are moving satisfactorily. Chrysanthemums are daily more in evidence and where quality is right buyers look with favor on them, but no one wants to pay the same price as before when large, well-grown asters are to be had in competition with inferior chrysanthemums. Carnations cut out of the field will now be fewer in quantity if not wholly out of the market. Those from under glass are fully up to the season and in many cases far beyond. There is a good supply of green to meet the demand and quality is good. On the whole, the business for the first half of September is better than that of August.

**CINCINNATI**
This week business started out fairly well just as a week before, and it is to be hoped that the close will not show the same dull balance of the week that the preceding one displayed. The local buyers are cautious and complain of slow business, especially of the funeral work. The out-of-town buyers are very active. The supply in all lines easily meets all calls and might even meet more if the weather were not so detrimental. The feature is a tremendous influx of good lilies. At the time of writing this article there are more of them than will move with any degree of rapidity. The supply of roses and carnations grows larger each day, Most of them are of excellent quality too. Among the former the Bravado and Taft deserve special mention, while the others are not by any means outdistanced. The close of last week saw more or less of a glut in carnations. Choice asters are not as easy to obtain as at the last writing. Many of the choice blooms arriving bespeak the close of the season. The same is true of gladiolus. Cosmos is very popular and consequently takes the buyers' eyes and unless their purses strings

**ST. LOUIS**
There was a great deal of business done here for the past week among the retailers, but it was nearly all for funerals. They say that is about all the business that is going on at present and as the weather continues very warm there can hardly be much improvement in other work until it becomes cooler and the retailers can display their product in the show windows. The market, though, has abundance of stock in almost anything the trade demands. Carnations are good but stems are too long.

**WASHINGTON**
Roses are coming in quite plentifully but there is hardly enough demand to move the stock along to advantage. Carnations have sold well at $1 to $1.50 per hundred, and lily of the valley at 44; asters last week were quite plentiful and were of good, clean stock and selling bringing from $1 to $1.50. Considerable of the out-of-town shipments arrived in a bruised condition, and this damaged stock was sold to the florists at a low figure. The aster season, locally, is about at an end, but with the carnations, dahlias and other stock coming in, these can well be dispensed with. Greens have moved well in small quantities. Catleya habata has started to come in good shape.

**DETROIT**
With continued warm weather and little call from the retailers, the wholesalers are swamped with flowers, all of which show a great improvement in quality. This week the house has ear marks of a more general activity and a much better report will be due one week hence.
HORTICULTURE

P. J. SMITH
Successor to JOHN L. RAYNOR
Wholesale Commission Florist
Selling Agent for LARGEST CROWNS
A full line of Choice Cut Flower Stock for all purposes
by the 100, 1000 or 10,000
TEL. 1908 MADISON SQUARE
49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—1332-1333 Madison Square

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY
ALWAYS ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, Tel. 729, 55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th>American Beauty, Fancy and Special</th>
<th>Last Half of Week ending Sept. 16</th>
<th>First Half of Week beginning Sept. 18</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15.00 to 25.00</td>
<td>15.00 to 30.00</td>
</tr>
<tr>
<td>Exotic</td>
<td>15.00 to 25.00</td>
<td>15.00 to 30.00</td>
</tr>
<tr>
<td>No.</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>Richmond, Chateney, Extra and Special</td>
<td>1.50 to 3.00</td>
<td>1.50 to 3.00</td>
</tr>
<tr>
<td>Killarney, My Maryland, Extra and Special</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Bride, Midfield</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>kalserin, Carrot, Tell</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Carnations, First Quality</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>&quot; Ordinary</td>
<td>0.50 to 1.00</td>
<td>0.50 to 1.00</td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephone 9346 Madison Square

SIEBRECHT & SIEBRECHT
Wholesale Florists
136 W. 28th St., New York City

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers
54 West 28th St., New York
Telephones 2559 Madison Square

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., New York
Shipments, any quantity, Wholesale Market Rates.

ROBERT J. DYSART
Public Accountant and Auditor
New York

THE KERVAN COMPANY
Fresh Cut Evergreens, Mosses, Southern Sphagnum, Oak and Loecust Hose. Preserved and Fresh Cut Cicans and Palmetto.

REED & KELLER
122 West 28th St., New York
Florists' Supplies

Wired Toothpicks

Manufactured by
W. J. COWEE, BERLIN, N. Y.

4,000... $1.75; 10,000... $5.50. Sample free.

For sale by dealers.
New and Choice Roses

In addition to our regular list of all the leading roses, and all choice varieties, such as Double Pink Killarney, Melody, Princess de Bulgarie, Mrs. Aaron Ward, etc. This week's quotations on these are as follows:

Per 100: Fancy Extra First Double Pink Killarney $8.00 $8.50 $9.00 Melody 6.00 1.00 Princess de Bulgarie 9.00 9.00 Mrs. Aaron Ward 5.00 5.00

Welcome novelties these—that will please your customers.

Rose Special: In line with our carnation special (mentioned above) we offer for this week, standard varieties of roses, our selection as to colors, etc.; in lots of two hundred or over, at $2.00 per 100.
in writing to Advertisers kindly mention Horticulture
Horticulture

Nikoteen Aphis Punn

Nursery Stock

P. Ouweytert. Woodlawn Heights, N. J.


For sale page List of Advertisers.

W. & T. Smith, Rutherford, N. J.

For sale page List of Advertisers.

Bobbink & Atkins, Rutherford, N. J.

For sale page List of Advertisers.

Bay State Nurseries, North Abington, Mass.

Hardy, Norbert, Grown Stock.

For page List of Advertisers.

McHutchison & Co., New York, N. Y.

Direct Importations.

Loochener & Co., New York, N. Y.

For sale page List of Advertisers.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS, Elwanger & Barry, Rochester, N. Y.

FOR SALE.

ONION SEED.

Schilder Bros., Chillicothe, O.

For sale page List of Advertisers.

ONION SETS.

Leocheer & Co., New York, N. Y.

For sale page List of Advertisers.

For sale. Winter Onion Top sets, select stock.

A. S. Pett, Crawfordville, Ind.

ORCHID FLOWERS.

Jan. McManus, New York, N. Y.

For sale page List of Advertisers.

ORCHID PLANTS.

Lager & Hurrell, Sunnitt, N. J.

Fresh Imported and Established Orchids.

For page List of Advertisers.

Orndorff Bros., Madison, N. Y., Box 108.

For sale page List of Advertisers.

Sandor, St. Albans, England.

Importer, Exporter, Growers, Hybridists.

For page List of Advertisers.

Orchids—largest stock in the country.

Stove plants and Cattagnes, finest collection.

Julius Roeke, Rutherford, N. J.

Orchid Growers' Manual. By R. S. Wilkins, 300 Illustrations, 800 pages: descriptions of species of orchids, and varieties of orchidaceous plants, etc. The most complete work on Orchids and orchid culture ever issued. Orders filled by Horticulture, 11 Hamilton Place, Boston.


PALMS, ETC.

Continued.

John Scott, Rutherford, N. J.

For sale page List of Advertisers.

Julius Roeke & Co., Rutherford, N. J.

For sale page List of Advertisers.

Joseph Heacock, Wycoke, N. Y.

For sale page List of Advertisers.

Loochner & Co., New York, N. Y.

For sale page List of Advertisers.

For sale page List of Advertisers.

PANIES

Giant paeony plants of our None Superior strain, the world's best, 50c per. 10; $3.00 per 100. Cash, M. H. Caudell, 8209 St. Louis, Mo. or J. L. Barnett, Providence, R. I.

We offer seedlings of Giant Pancies, hybrids, Cilippollis luteas and Sweet Williams at 25c, 100; $2.75, 1000. Stronger seed grown C. Mott, Hollenders, superb colors, 75c, 100; $5.00, 1000. Asparagus, 50c, 100; $4.00, 1000. Russell Bros., Syracusa, N. Y., Route 4.

TAPER POTS

Paper Pots: 7 inch., $1.50; 6 1/2 inch., $2.50; 5 3/4 inch., $4.00; 2 1/2 inch., $5.00. Shipped flat, low freight rates. Crosby & Son, Catonsville, Baltimore, Md.

PATENTS

Siggers & Siggers, Washington, D. C.

For sale page List of Advertisers.

Peky Cypress Benches


For sale page List of Advertisers.

Send for our list of Patents.


For sale page List of Advertisers.

PEONIES

W. L. Gamm, Remington, Ind.

For sale page List of Advertisers.

Send for seed list.

C. S. Harrison's Select Nursery Co., York, Neb.

PEONIES—1200 sorts, an enormous stock.

List ready. C. Betcher, Canal Dover, O.

Please give us a written order. Write for prices on list of your wants (Gilbert H. Wild, Sarcoxie, Mo.).

Our Peonies, over 500 varieties, including most of the finest foreign and American Seed lists.

For sale list.

W. L. Gamm, Pocay Spellecy, Remington, Ind.

Peach Chinamons—divisions, 2 to 3 eyes.

Hamel Inte Pink and Hortensia, Tyrice red $3.00 per boy; Festiva alba, early white, Duchesse de Orleans, early pink, Comte de Jussel very early white and violet, $5.00 per boy. Cash with Thomas J. Oertlin, Sinkling Spring, Pa.

Peonies, $50.00 in fine named varieties, $15.00 on Knights, Fother, and N. J. McHurtson.

Peonies, 1000 per 100; $5.00 per 100; $10.00 per 100; $50.00 per 100; $100.00 per 100; $500.00 per 100; $1000.00 per 100; $5000.00 per 100.

Bauern Schoren, Conraine d'or, Due de Wellington, Felix Crousse, Floral Treasure, Golden Harvest, Jane Bingley, Livingstone, Marie Lemoine, Mme. Colot, Mons. Importer, Mont of Himalaya, Mrs. Butler, Mrs. Hume, Mrs. Beattie and 50 other choice varieties. List free.

Peonies in mixtures, numerous and choice, fine for bedding. Mixed plats, all shaded, $8.00 per 100, $50.00 per 1000, Mixed white, all shades, $8.00 per 100, $500.00 per 1000, Mixed red and crimson, all shades, $7.00 per 100, $400.00 per 1000, White, all colors, $5.00 per 100, $20.00 per 100, $60.00 per 100, $250.00 per 100, $1000.00 per 1000.

R. E. Yaro & Sons, Centerville, Ind.

PETUNIAS

Petunia (McHurtson's) mixed, 20, $1.00 per boy; $50.00 per 500 for $50.00. Q. Sechmidt, Bristol, R. I.

PHILOX

Pyramidal, Zouvve and Zantippe, $5.00 per 500. N. H. Harrison's Select Nursery Co., York, Neb.

Fifty choicest varieties of hardy Philox: whole plants, $60.00 per 500; $100.00 per 1000; $1000.00 per 1000. Dolf Muller, DeKalb Nurseries, Northport, N. Y.

PHOTOGRAPHS

I make a specialty of taking photographic views of Advertisers, for reproduction. Let me submit samples and prices on material. I am the most approved and reasonable. Photographs for sale at reasonable prices. Nathan R. Graves, 414 Hayward Bldg., Rochester, N. Y.
**PLANT STAKES**

Selee's Tete-lees, Plant Stakes and Trellises. H. D. Selee & Sons, Elkhart, Ind.

**PLANT TUBS**

Hit. A. Dreer, Philadelphia, Pa. For page see List of Advertisers.

**PIPE AND FITTINGS**


**POT HANGERS**

Pots hangers, Kramer's $1 doz. by exp. $2.25 per 100; 300 for $5.00. J. C. Schmidt, Brattle, Pa.

**PRIMULAS**

Primula Chinese, fine plate. 24 in. $2.00 per 100, 300 for $5.00. J. C. Schmidt, Brattle, Pa.

**PRIMULA MALACOIDE**


**PRIVET**

Californial Privet, any quantity, size, age. Others say ours is the best grown. Write for prices; also on shrubbery, ornamentals, fruit trees, espaliers, etc. Franklin Davis Nursery Co., 1000 California Privet, 2 year, 2 ft., for $5.00, cash. Addison Muller, Davis Nurseries, Norristown, Pa.

**RHODODENDRONS**

P. Overwerker, Hoboken, N. J. For page see List of Advertisers. Bostlink & Hutterberg, N. Y. For page see List of Advertisers.

**RHIBONS AND CHIFFONS**


**ROSES**


**SEEDS—Continued**


**SOLANUMS**


**SPARAGNUM MOSS**


**SPRAVERS**


**STEVIAS**

Stevia, 2 in., cut back once, $3.00 per 100, cash. M. H. Saunders Co., 28 Burnett St., Providence, R. I.

**SWEET PEAS**


**TREE RENOVATION**

John T. Withers, Inc., Jersey City, N. J. For page see List of Advertisers.

**VALLEY PIPES**


**VENTILATING APPARATUS**


**VINCAS**

VINCA Battenia. Strong field grown, 50c per 100. Vera L. Schorff, Erie, Pa.

**VIOLETS**

Princess of Wales, per doz., $2.00 to $5.00 per 1000. Fine, healthy stock. Order quick! Charles Lenker, Freeport, L. I., N. Y.

**GOV. HERRICK VIOLETS**

Strong 4 in., $3.00 per 100. Will excite the grower of Wales. Vera L. Schorff, Erie, Pa.

**WIREWORK**


**WIREWORK**


In writing to Advertisers kindly mention Horticulture
List of Advertisers

New Offers in this Issue.

BARGAINS IN FRENCH BULBS.

CHRYSANTHEMUMS, STOCK PLANTS.
Elmer D. Smith & Co., Adrian, Mich. For page see List of Advertisers.

CARNAH'N SPECIAL.
S. S. Fawcett & Co., Meadville, Pa. For page see List of Advertisers.

EVERGREENS, FERNS, MOSS.
J. H. Smith, Hibbard, Mass. For page see List of Advertisers.

FRENCH AND DUTCH BULBS.

FISHER CARNATION CLIPS.
E. H. Hunt, Chicago, Ill. For page see List of Advertisers.

HANN'!0'J'SN'SLUG SHOT.
Hammond's Slug Shot, 213 South Chestnut St., Chicago, Ill. For page see List of Advertisers.

LILIJUM GIGANTEUM AND MULTI-
FLORUM.
Henry P. Mitchell, New York, N. Y. For page see List of Advertisers.

MAHOGANY LEAVES.

NARCISSUS PAPER WHITE GRAND-
IFLORA.
A. Henderson & Co., Chicago, Ill. For page see List of Advertisers.

PEACH TREES, STRAWBERRY PLANTS.
Warren Sibbett, Wayzata, N. Y. For page see List of Advertisers.

PRIVET, CARNATIONS, FERNES, 
ROSES.
Milner Park Nurseries, Milner Park, Pa. For page see List of Advertisers.

RARE LILIES FROM CHINA.
B. J. Farquhar & Co., Boston, Mass. For page see List of Advertisers.

RYE GRASS SEED, NEW CROP.

REMOVAL NOTICE.
The Leo Nies, New York, N. Y. For page see List of Advertisers.

SEED GROWERS.
C. C. Moulton, 701 Market Street, San Francisco, Calif. For page see List of Advertisers.

Tomato, Cabbage and Lettuce Plants.
Fox Hall Farm, Norfolk, Va. For page see List of Advertisers.

Towson, Md.—Stephenson Bros. are growing the largest and finest Cabbage and Lettuce plants in the world. Their fine stock has been selected from the best in the world. The fields are under the supervision of experienced men who are skilled in the culture of these crops.

WANTS FOR FENCE, ETC.

ZULIAN, A. A.

List of Advertisers.

Page 1438-439.

Advancing Co.

Page 450.

Adventures in the West.


Advances in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.


Adventures in the West.
FISHER
Carnation Clips

Save carnation growers the expensive job of stringing their plants. With the Clip one-fourth the time is sufficient and the work is done better. No string to buy each season and the Clips will last a lifetime.

NOTICE THESE SIMPLE DIRECTIONS:— Stretch No. 18 galvanized wire lengthwise between the rows of plants using No. 10 wire for the two outside rows. Cut cross wires of No. 18 and fasten Fisher Clips on either end. Let two men walk on either side of the bench and quickly slip the Clips over the side wires and work is done till the plants are tall enough to need a second support, when proceed as before.

Prices Per 100, 60c; Per 1000, $5.00

They are indispensable to quick work and furnish a better support than any other device now on the market.

E. H. HUNT, 131 North Wabash Ave., CHICAGO

GENERAL AGENTS

Obituary

Louis Nadig.
Louis Nadig, florist, North Manchester, Ind., died suddenly on September 4, of Bright's disease. He was a Swiss, 41 years of age, and without relatives in this country.

John E. Haines.
John E. Haines, widely known as a carnation grower and hybridizer, died at his home in Bethlehem, Pa., on September 10, after a long illness of consumption. His age was 66 years.

Clément Denaffre.
Clément Denaffre, senior member of the firm of Denaffre & Son, Carignan, France, and one of the oldest seed growers in Europe, died after a short illness on August 31. He was seventy-six years of age.

Adam Fischer.
Adam Fischer, formerly florist at the Soldiers' Home, Dayton, O., committed suicide on the night of September 13, at the home of his uncle, Michael Tenfel, in Cincinnati. Déspondency over rheumatism which prevented him from doing garden work was the motive for the act.

John Leavy.
John Leavy, florist, and one of the founders of Greeley, Colo., died on September 1, aged 80 years. He was born in Ireland, and located in New York in the early 60's, finally going to New Jersey, thence to Greeley. He frequently lectured before the State Normal School. Three children survive him.

Charles A. Robinson.
The death is reported of Mr. Charles A. Robinson, 67 years of age, a member of the firm of C. N. Robinson & Bro., Baltimore, Md., dealers in farmers' supplies. He was engaged in business in Baltimore for the past thirty-five years, previous to which time he was, for five years, principal of the Forest Home Academy in Anne Arundel County. He is survived by five daughters and a son.

Joseph Lapeno.
All the Chicago wholesalers were busy last Monday making up floral emblems for "Little Pete," as Joe Lapeno is familiarly called. He has been a daily visitor to the market for the past twenty years and his death will be felt by many in the older houses who frequently employed him to help out with the Italian trade. Joe was taken to the County Hospital a few days ago, where he died Sept. 14th. He made his home with a sister on Ohio street and was about 45 years old. He had many friends in the trade who will miss him.

John R. Burfeind.
On September 11, John R. Burfeind, of the firm of John R. Burfeind & Son, Scarsdale, N. Y., died at his home in Scarsdale. He was about sixty years of age. At the age of seventeen he entered the employ of Chas. Arminian, at 120th street and 7th avenue, New York, where he remained for 35 years, leaving there to become superintendent of the Thos. Watt estate at Scarsdale. About ten years ago, after a service of over five years at the Watt estate, he engaged in business for himself. He leaves a wife and five children. His oldest son will continue the business.

Nicholas P. Reddy.
Nicholas P. Reddy, who had been identified with the florists' business in Fall River, Mass., for the past 40 years, died at his residence, 32 Laurel street, on Sunday morning, Sept. 17, following a brief illness. Mr. Reddy was born in Dublin, and learned the florist business at his home while still a young man. He came to Fall River about 10 years ago and was in the employ of the late Dr. Durfee for some time before starting in business on his own account. Because of ill health he turned his business over to his two sons about two years ago.

He is survived by his widow, Mrs. Mary E. Reddy, nee Keough, and by two sons and three daughters. The sons are Edward J. and John P. Reddy, and the daughters are Mrs. M. J. Logan, Miss Mary L. Reddy and Miss Jennie Reddy. The funeral was held at St. William's church on Wednesday morning.

PATENTS GRANTED.

1,002,247. Agricultural-Spray Composition, Carlton Ellis, Montclair, New Jersey, assignor to Ellis-Foster Co., a corporation of New Jersey.


1,002,360. Seed-Distributor, William H. Beckett, Lanham, Md.
THE NEW MINERAL FERTILIZER

Will produce MORE and LARGER FLOWERS and of better color than any plant food ever put on the market.

Contains all of the original elements of virgin soil.

The above cut shows hollyhocks, nine feet six inches high, with more blossoms and of better color than ever produced by any other fertilizer.

Write for catalogue and testimonials.

THE NEW MINERAL FERTILIZER CO.

19 EXCHANGE PLACE, BOSTON, MASS.

ASTERs

Hammond's Slug Shot

A Noticeable Station on the Central New England Railroad, Pittsburg, N. H.

MR. BRUNDAGE TAKES MUCH PRIDE AND PLEASURE IN THE DISPLAY.

Mr. Aster beds are a strip of ground along the railroad track of the Central New England. For years it has been my pleasure to have a grand show. The most troublesome annoyance which I have had is the BLACK BEETLE AND THE STRIPED BUG—these pests will skin the whole bed if we let them alone, but we don't let them alone, for as soon as the plants are up I just take HAMMOND'S SLUG SHOT and a bellow and go over the whole. On a still day it sets wheels everywhere. Then when the blossoms begin to open we give them another dose, and we have the flowers. This year we let them go and the bugs and beetles got a start and we started for them but they did us damage. Now for a good many years I have known SLUG SHOT and used it, and there is no use trying to raise Flowers, Fruit of Vegetables without you watch them, because as sure as the sun shines you have Bugs, Lice, or Beetles which you must get rid of. Now on Cucumbers the Striped Bugs play havoc. You told me once to put some SLUG SHOT in water and sprinkle the rows. When that is done the Cucumbers grow. The Cherry trees will curl and leaves with lice; if you can blow SLUG SHOT over there ends the SLUG SHOT stick; to the sticky mess which comes where these flies are and they do not spread.

Yours respectfully,

LUTHER BRUNDAGE.

Billings, N. Y.

Hammond's Paint and Slug Shot Works

Fishkill-on-Hudson, New York

To-Bak-ine Products Kill Insects

You can buy in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free).

Use any form you choose but buy it of

E. H. HUNT, 131 N. Wabash Avenue, Chicago

NIKOTEEN The most effective and economical material there is for spraying plants and blooms.

NIKOTEEN is skillfully extracted from leaf tobacco, and carefully refined; it is clean and easy to apply. NIKOTEEN does the work when vaporized either in pans, on pipes, or over a flame.

NIKOTEEN APHIS PUNK Specially prepared for fumigating closed houses. It vaporizes the nicotine evenly and without waste. Nothing keeps a house free from Aphids so cheaply.

Price $2.50 per gallon, $1.00 per quart.

FUNGINE

Fungine has no equal for carnation rust, mildew on roses, and mildew on new growth. Has been used with the merest of results. And that, as you test yourself, it will prove worth your while.

MANUFACTURED BY

APHINE MANUFACTURING COMPANY

MADISON, N. J.

Imp Soap Spray

Clear and odorous. Forms invisible film. Non-corrosive. Universal effective strength, one to thirty-two.

Single gallons, $1.50

In barrels, $1.00

Eastern Chemical Company

Pittsburg Street

BOSTON

KILMDEAD The best of all the tobacco dusts for

Dusting or Fumigating

Wilson Plant Oil & Fertilizer Company

150 Nassau Street, NEW YORK CITY

Horticultural Supplies

Write for our special Catalogue Vita

Cocoon Fiber Soil

Is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

Tobacco Paper

"NICO-FUME" LIQUID

OVER 40% NICOTINE

BY FAR THE CHEAPEST.

JUST NOTE PRICE!

Plat $1.50

3/4 Gallon $5.50

Gallon $10.50

5 Gallons $47.25

FOR "POT LUCK" TRY US

HEWS STANDARD POTS

POT MAKERS FOR 140 YEARS

WORLD'S LARGEST MANUFACTURER

WRITE FOR CATALOGUE AND DISCOUNT!

A. H. HEWS & CO., Inc.

Main Office and Factories

CAMBRIDGE, MASS.

The Best Bug Killer and Bloom Saver

For PROOF

Write to

P. R. Palethorpe Co.

OWENSBORO, KY.

ALL THE CLAY

FOR OUR

Florist' Red Pots

is prepared by passing through a screen 100 meshes to the square inch. It is a

bubbly for pots, order from us.

HENRY P. HEWS & CO.

Jewett, Ill.

NEWS NOTES.

Seneca, Kan.—August Kramer has

purchased the Seneca Nursery.

Woonsocket, R. I.—A nursery has

been started at 130 Summer street by

the John L. Hayes Co.

Dauphin, Man., Can.—W. J. Mansfield

and C. F. Blackadar have pur-

chased the Dauphin Nurseries

and Greenhouses.

Cleveland, O.—The McCallum Co.

will open a wholesale cut flower and

florists’ supply house at 421 High Av-

enue on Sept. 30. Wm. Q. Potter will

be manager.

Des Moines, la.—A short but severe

hail storm on September 6 broke

about one-third the glass in the city’s

greenhouse at Union Park and de-

stroyed all the glass at the houses of

Foster Bros., A. L. Behinger, 18th and

Walnut streets lost about 6000 feet.

North Tonawanda, N. Y. Seven

acres of land on Wheatfield street

have been purchased by the King

Construction Co. upon which they will

immediately commence the construc-

tion of buildings to replace those de-

stroyed by fire last spring on Thomp-

son street.

DREER’S “Riverton Special” Plant Tub

No. Diam. Roof Dia., 100

10 20 In. $1.45 $15.00 $130.00

20 16 In. $1.30 $14.00 $115.00

30 16 In. $1.00 $11.25 $92.00

40 14 In. $.85 $9.00 $70.00

50 12 In. $.75 $6.00 $48.00

60 10 In. $.50 $4.00 $32.00

70 8 In. $.30 $2.50 $20.00

HILLFINGER BROS., Pottery, Fort Edward, N. Y.

August Reiker & Sons, 31 Barclay St., N. Y. City Agents.

OUR SPECIALTY-long distance and export trade.

Syracuse Red Pots

"A little pot is soon hot," likewise a thin pot.

This will save you fuel. Our pots are the thinnest and

toughest owing to the superior quality of the clay.

New price list on application.

Syracuse Pottery Co., SYRACUSE, N. Y.

STANDARD FLOWER POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.

W. H. ERNEST

28th & M Sts., Washington, D. C.

Holds Glass Firmly

See the Points at Peerless

Glazing Paints are the best.

To artists and dealers. Box of

1,000 points to the box, consist-

of 24 boxes. Box of 100 points,

100 boxes. Postpaid.

1,000 Cartes, 5c. postpaid...

514 Chestnut St., Phila., Pa.

MASTICA

FOR GREENHOUSE GLAZING

USE IT NOW.

F. O. PIERCE CO.

12 W. BROADWAY

NEW YORK

Mastica is elastic and tenacious, admits of ex-

pansion and contraction. Putty becomes hard

and brittle. Broken glass more easily removed

without breaking of other glass as occurs with hard

putty. Lasts longer than putty. Easy to apply.

In ordering goods please add "I saw it in HORTICULTURE."
GREENHOUSE MATERIAL

KING

GREENHOUSES, GREENHOUSE FITTINGS, PIPE HANGERS, SHELF BRACKETS, VENTILATING MACHINERY AND BENCH MATERIAL.
WRITE FOR BULLETINS AND QUESTION BLANKS.

KING CONSTRUCTION CO.

Home Office and Factory
N. TONAWANDA
N. Y.

Eastern Sales Office
No. 1 MADISON AVE.
NEW YORK

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St.
BOSTON, MASS.
61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders In
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.

BOSTON PLATE & WINDOW GLASS CO.
Greenhouse Glass
GERMAN AND AMERICAN
261 to 267 A ST.
BOSTON 20 to 22 Canal St.

LET US QUOTE YOU ON NEW AND SECOND-HAND
Boilers, Pipe, Fittings, Glass, Greenhouse Lumber, Tools, Sash, Etc.
METROPOLITAN MATERIAL CO.
1392-1414 Metropolitan Ave., Brooklyn, N. Y.

TO BUYERS
Patronize our advertisers, they will treat you right
Get This Loose Leaf Book Now
We Send It Free

From these open pages shown, you would think it a book on boilers; but it's more—a lot more. It's a Florists' Supply Book of Greenhouse Materials. The first half is devoted to greenhouse heating. Not just boilers, pipes and fittings, but pages of useful information that you have wanted time and time again. There are 66 pages in the book now, but it's made loose leaf fashion, and we are going to add at least another 66 before the book is completed—maybe more. It works like this: We send you the book of 66 pages now; and then every once in a while (perhaps oftener) we will mail you additional pages all ready for putting right in the book. All you have to do is simply turn back a couple of fasteners and in the pages go. Every time we get out a new thing of importance, we will promptly print up some pages about it, and mail them to you. You can see that such a book will be invaluable to you, because it will always be kept right up-to-date. Send for a copy right now while it's on your mind. Don't put it off till tomorrow, for day after tomorrow you may need it badly.

Hitchings & Co., Spring & Louisa Sts.,
Elizabeth, N. J.
25 for $1.05 each  50 for $1.02½ each  100 for $1.00 each

Which Pile of Sash Do You Want?

Here is a chance for you to get our “Sash That Last” at a special price. A price that will last for exactly 15 days and not a day longer. If your order comes a day late, you must expect to pay the regular price.

These special prices in lots of 25, 50, or 100 are for single light each unglazed and unpainted. For double light add 25 cents to each price.

Now a word about the sash themselves. Peter Henderson has some at his place in Jersey City that have been in use for this is the twenty-second year.

From the way they look you would declare them good for another ten.

Up at Stamford, Conn., the other day we came across a lot that have been standing the rackets for 35 years.

Of course, in both these cases, the sash have been kept well painted, but you always keep yours painted and you might just as well paint good sash while you are about it, and even if you didn’t paint them, there isn’t a sash made that will come anywhere near beating “Sash That Last,” for endurance.

What’s the use of buying rough heavy sash with open mortise joints, when for only a few cents more you can get Lord & Burnham “‘Sash That Last”’ with their blind mortise weather tight joints, steel dowel pins, steel cross brace and smooth workmanlike finish?

And that isn’t all—we guarantee them—a guarantee that means something—a guarantee that says: “If they are not the best sash you ever saw, and in every way exactly as we have told you—then notify us and we will send you shipping directions and pay the freight charges both ways ourselves.”

So far we have never had to pay any freight—a fact which tells its own conclusive story.

This offer is good for only 15 days—so you better order right now, before it slips your mind and you wake up to find it’s too late to get in on the special price.

Lord & Burnham Co.,

NEW YORK  BOSTON  PHILADELPHIA  CHICAGO
St. James Building  Tremont Building  Franklin Bank Building  Rockery Building

IRVINGTON, N. Y.

Factories
DES PLAINES, ILL.
NEW PERENNIAL BORDER AT FRANKLIN PARK, BOSTON

DEVOTED TO THE
FLORIST-PLANTSMAN,
LANDSCAPE GARDENER,
AND
KINDRED INTERESTS

PUBLISHED EVERY SATURDAY
AT 11 HAMILTON PLACE,
BOSTON, MASS.
SUBSCRIPTION, $1.00
"IT'S RICE FOR QUALITY AND PRICE."

RIBBONS

OUR LARGE STOCKS ARE ALWAYS MODERN, VERY SALEABLE AND AT THE HIGH WATER MARK OF POPULARITY. THAT IS WHY WE ARE CALLED RIBBON SPECIALISTS. GET KATALOG AND SAMPLES.

M. RICE & CO.

PATTERN 440
SILK TAFFETA
VERY EXCELLENT

The Leading Florists' Supply House
and Ribbon Specialists

1220 Race Street,
PHILADELPHIA

LILIUM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field often on one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6-7 inch bulbs, 325 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.
7-9 inch bulbs, 200 to the case, $16.00 per case; full thousand lots, $75.00 per 1,000.
9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.

FERNs

We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-in. pots .................................................. $0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis, and Harrisii, heavy 8-in. plants .......... $1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10-in. plants ................... 2.50 each

F. R. PIERSON COMPANY, Tarrytown-on-Hudson, NEW YORK
CANNAS
We have an excellent prospect of a fine crop of roots for next season delivery, at $2.00 per 100, $15.00 per 1000, and up. Can furnish you 50,000 roots of some kinds.

READY FOR IMMEDIATE SHIPMENT

<table>
<thead>
<tr>
<th>2 in.</th>
<th>3 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>per 100</td>
<td>per 100</td>
</tr>
<tr>
<td>Alysium, Giant Double</td>
<td>$3.00</td>
</tr>
<tr>
<td>Achryanthus, Emerson</td>
<td>$3.00</td>
</tr>
<tr>
<td>Alternanthera, 6 varieties</td>
<td>2.00</td>
</tr>
<tr>
<td>Coleus, Golden Redder, Versaesthetic</td>
<td>2.00</td>
</tr>
<tr>
<td>Coleus, Brillant</td>
<td>2.00</td>
</tr>
<tr>
<td>Geraniumus, Standard Varieties</td>
<td>3.00</td>
</tr>
<tr>
<td>Heliotrope, Cheiftain</td>
<td>2.00</td>
</tr>
<tr>
<td>Lemon Verbena</td>
<td>2.00</td>
</tr>
<tr>
<td>Lautania, 10 Varieties</td>
<td>2.00</td>
</tr>
<tr>
<td>Mountain, Noctifora</td>
<td>2.00</td>
</tr>
<tr>
<td>Petunias, Double Mixed</td>
<td>2.00</td>
</tr>
<tr>
<td>Salvia, Renard and Zurich</td>
<td>2.00</td>
</tr>
<tr>
<td>Senecio Scandens, Parler Ivy</td>
<td>3.00</td>
</tr>
</tbody>
</table>

R. VINCENT, JR., & SONS CO., White Marsh, Md.
Growers of Plants for the Trade

NEW ROSES Originated by Jackson Dawson

Lady Duncan, Dawson, Daybreak, Farquhar, William Egan and Minnele Dawson

WRITE FOR PRICES
We carry a very large stock of Fine Conifers, Deciduous Trees and Shrubs and Hardy Herbaceous Perennials

Send for Our New Illustrated Catalogue

EASTERN NURSERIES
JAMAICA PLAIN, MASS.

Henry S. Dawson, Mgr.

ROSES
OWN ROOT—FINE STOCK

White Killarney | Per 100
---|---
from 3 in. pots | $8.00
Richmond
Pink Killarney, Chatenay, Kaisrin, Perels, Sunrise, Sunset, from 3 inch pots | $8.00
Bride, Bridesmaid, Golden Cato | $65.00 per 1,000, $7.00

GRAFTED
Fine Stock, 3 inch pots
Pink Killarney, White Killarney, Bride, Bridesmaid, Kaisrin, My Maryland | $15.00 per 100

WOOD BROS., Fishkill, N.Y.

CARNATIONS
FIELD GROWN
FINE, HEALTHY STOCK

Beacon | Per 100 | Per 1000
---|---|---
$7.00
Bay State
Georgia
Mrs. T. W. Lawson
Red Lawson
Variegated Lawson
Winsor
Crimson Beauty

RIDEY PARK NURSERIES
RIDEY PARK, PA.

LORRaine BEGONIAS
Strong 2½ in. stock, ready for 3½ in.
Per 100, $15.00; 250 at $14.00 per 100

THOMAS ROLAND, Nahant, Mass.

DAHLIAS
200,000 field clumps at $5.00 per 100, $40.00 per 1000 and up. Write us for list. Let us book your order so as to be sure of the varieties.

Alternanthera Jewel
Stock Plants, 2½ inch, $20.00 per 1,000 Rooted Cuttings, . . . $10.00 per 1,000

This is by far the finest Alternanthera in sight and you should stock up now for Spring sales.

CHARLES H. TOTTY
Madison, N. J.

STOCK PLANTS
SMITH'S ADVANCE.—The earliest known large-flowering white, a companion for Golden Glow. Strong bench grow, which ought to produce 100 or more plants before planting time next year.

PRICE.—50c each, $4 per 10, $35 per 100. Five at 10 and 25 at 100 rate. Immediate delivery.

ELMER D. SMITH & CO.
ADRIAN, MICH.

New Gladiolus Niagara

F. DORNER & SONS CO.
LA FAYETTE, IND.

Chicago Carnation Co.
30 E. Randolph St.
CHICAGO, ILLINOIS
LOECHNER & CO.

JAPANESE LILIES
LILY OF THE VALLEY PIPS
PALMS, AZALEAS, &c.
11 Warren Street, New York, N. Y.

Write for quotations

FRANK BANNING, Originator
Kinsman, Ohio.

PALMS, FERNS AND DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 1050 Bedfort.
BROOKLYN, N. Y.

ASPARAGUS HATCHERI
The new Asparagus. Beats the old plumous ones in every respect. From 2½-inch pots, $15 per 100.

A. N. PIERS, Inc.
CROMWELL, CONN.
Boddington’s Quality Christmas and Winter-Flowering Sweet Peas

ILL true stocks of Winter-Flowering Sweet Peas will be scarce this season. Some varieties are a total failure, owing to the exceptional season in California this Spring. We can make immediate delivery of the varieties marked with a star (*), the balance we are expecting from our grower in California at any time. Our advice to intending planters is to order early.

Our stocks of Christmas-Flowering Sweet Peas have stood the test for years, and we can refer you to the largest grower of this incredibly popular flower, as to the true needs and quality of our seed, earliness of blooming period, and strength and habit of plants.

The following varieties are the “best by test” and include Zuideman’s and our own introductions, grown for seed from selected stocks by the leading California tree and bulb Specialists of Sweet Peas. Our output last year was nearly 6000 lbs. No kicks and plenty of testimonials as to quality, germination and true type to type.

**BODDINGTON’S QUALITY WINTER-FLowering SWEET PEAS**

At the Exhibition and Convention of the National Sweet Pea Society of America, July 12th and 13th, 1910, we again won the C. C. Morse & Co’s Silver Cup for the finest and best collection of Sweet Peas open to the trade only.

* BODDINGTON'S EXTRA EARLY CHRISTMAS WHITE SNOWDROPS. An exceptionally early Sweet Pea for indoor flowering—will bloom six weeks before forcing. Color clear white, upon long stems with free and exceptionally free-flowering qualities. We doubt, the finest early white for indoor planting. We sell one grower in Pennsylvania 35 lbs. of this variety every year, same on application, 60 cts.; 1/4 lb., 85c.; 1/2 lb., $1.50; lb., $2.50.

* BODDINGTON’S CHRISTMAS PINK. This is the earliest and most profitable and useful Sweet Pea in cultivation, as by sowing the seed under glass in litter part of August flowers can be cut for Thanksgiving on during the Winter months. 60 cts.; 1/4 lb., 75 cts.; 1/2 lb., $1.25; lb., $2.00.

* BODDINGTON’S CHRISTMAS WHITE. A companion to our Christmas Pink. Just as free and profuse a bloomer. 60 cts.; 1/4 lb, 50 cts.; 1/2 lb., 83 cts.; lb., $1.50.

* BODDINGTONS CANARY. Similar to the above, but flowers of an exceptionally good yellow. 35 cts.; 1/4 lb., $1.00; 1/2 lb., $1.25; lb., $2.00.

* BODDINGTON’S FLAMINGO. Color scarlet; free flowering and early. 50 cts.; 1/4 lb., 85c.; 1/2 lb., $1.75; lb., $2.00.

* Christmas Meteor. Scarlet; fine open red flower. 35 cts.; 1/4 lb., 75 cts.; 1/2 lb., $1.25; lb., $2.00.

* Christmas Captain. Blue and purple. 35 cts.; 1/4 lb., 75 cts.; 1/2 lb., $1.25; lb., $2.00.

* BODDINGTON’S CHRISTMAS FLORAL. Unique and very early. 35 cts.; 1/4 lb., 75 cts.; 1/2 lb., $1.25; lb., $2.00.

* BODDINGTON’S CHRISTMAS WHITE. A companion to our Christmas Pink. Just as free and profuse a bloomer. 35 cts.; 1/4 lb, 50 cts.; 1/2 lb., 83 cts.; lb., $1.50.

* BODDINGTON’S CHRISTMAS WHITE. A companion to our Christmas Pink. Just as free and profuse a bloomer. 35 cts.; 1/4 lb, 50 cts.; 1/2 lb., 83 cts.; lb., $1.50.

* BODDINGTON’S CHRISTMAS WHITE. A companion to our Christmas Pink. Just as free and profuse a bloomer. 35 cts.; 1/4 lb, 50 cts.; 1/2 lb., 83 cts.; lb., $1.50.

* BODDINGTON’S CHRISTMAS WHITE. A companion to our Christmas Pink. Just as free and profuse a bloomer. 35 cts.; 1/4 lb, 50 cts.; 1/2 lb., 83 cts.; lb., $1.50.

* BODDINGTON’S CHRISTMAS WHITE. A companion to our Christmas Pink. Just as free and profuse a bloomer. 35 cts.; 1/4 lb, 50 cts.; 1/2 lb., 83 cts.; lb., $1.50.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill Station is the second stop on Main Line of Erie Railroad.

**BOBBINK & ATKINS**

Nurserymen and Florists

Rutherford, N. J.

**American Grown Roses**

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens.

Write for Trade List. **W. & T. SMITH CO.**

Geneva, N. Y.

**HARDY NORTHERN GROWN NURSERY STOCK**

We grow everything for planting the home grounds

A GENERAL ASSORTMENT OF

Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our illustrated and descriptive Catalogue for the asking.

THE BAY STATE NURSERIES,

North Abington, Mass.

In writing to Advertisers kindly mention Horticulture
At the vegetable show in the Massachusetts Horticultural Hall, last week, Mr. Bayard Thayer of South Lancaster, Mass., was awarded honorable mention for cut sprays of a new berry from China, named Rubus innominatus, which promises to be a useful autumn fruit and may be of great value to the breeder. The fruits, which are borne in large, terminal thyrsoid panicles 18-30 inches long under favorable conditions, are red or orange-red with a black dot in the centre, of medium size and agreeable sub-acid flavor. The plant is a vigorous grower, making shoots 6 to 8 feet long in a season. These shoots are densely clad with short, velvety pubescence and have relatively few scattered prickles. Leaves large, 3-5 foliolate, dark green above, covered on underside with greyish-white felt. The flowers are insignificant, but in September, when in full fruit, the plant is exceedingly ornamental. Rubus innominatus is one of my recent introductions from China to the Arnold Arboretum where it has survived unprotected the last two winters outside.

E. H. WILSON.

Arnold Arboretum.
Seasonable Notes on Culture of Florists' Stock

AZALEAS

Just as soon as you get the new importations from Europe unpack and give each plant that has a dry root ball, a dippings in a tub of water long enough to thoroughly saturate the ball: don't overlook this for it is very important in starting your azaleas after they have been boxed up from three to four weeks. Pot them into as small pots as possible, using loam and leaf mold in equal parts, with enough sand to let the water pass freely. See that there is good drainage provided, and be sure to pot firmly. For a few days place them in a house that is shaded and keep rather close. Give a daily spraying and gradually let them get used to the sun and when they will stand full sun place them in a cool house with plenty of air. The early varieties, such as Apollo, Deutsche Perle, Simon Mardner, etc., that are wanted for Christmas blooming can be kept in a temperature of about 50 degrees as it helps the buds to develop gradually. It takes from 6 to 8 weeks to force them into flower with a temperature from 60 to 65 degrees.

FORMOSA LILIES

These lilies are very useful commercially and should be more grown, for they produce flowers of a fine type, with excellent texture, which makes them ideal for a good many uses. The potting soil should be a good fresh loam, to which has been added a fourth of some old and well rotted manure. One good watering should carry them over until the bulbs are well rooted. Place them in a frame where they will be all right for some weeks to come. These lilies are very variable in growth; while some will be only coming through the soil, others will be 8 or 10 inches, or more in height. These earlier ones should be picked out and given a place as near the glass as accommodation will permit in a house of about 60 degrees at night and they will be useful during January and February when flowers are not so plentiful. Keep down the aphids by fumigating frequently but moderately once a week. When the buds show give them some liquid manure once a week.

IRISES

The Iris family includes a large number of beautiful kinds. While they will grow in any good deep loamy ground that has a cool moist subsoil, it is well to use some care in the preparation of the iris bed. Give them a good start by enriching the soil with such fertilizers as well-decomposed manure, bone meal, etc., that has been well pulverized and deeply dug in and in a fully exposed sunny situation. Fall-planted irises produce better flowers the first season than if transplanted in spring. Irises increase rapidly and should be lifted and divided and replanted every three or four years. They can be planted from 12 to 18 inches apart each way. A collection of German, English and Japanese iris will give a succession of flowers of exquisite colors and ferns.

POT PLANTS FOR CHRISTMAS

There is every reason to believe that a larger pot plant trade than ever will be done this coming holiday season and now is the time to figure on what you will need. If you are short of stock now is the time to buy. You will find the best and most reliable dealers by a glance through the advertising columns of Horticulture. All such plants as arancarias, Begonia Lorraine, Jerusalem cherries, lilies, Roman hyacinths, paper-white narcissi, poinelettes, Erica melanthera, primulas, azaleas such as Firefly, Mine, Petrick, Deutsche Perle, Simon Mardner, Apollo and Vernaeanza, zonal geraniums, ferns, palms, etc., should have the closest attention from now on. See that the ventilation has careful management for the outside condition of the weather is uncertain. At this period of the year generally speaking, all plants need very careful watering. See that they are kept clean by proper fumigation and occasional sponging of all decorative plants.

RAMBLER ROSES

Those who grow their ramblers in the field may lift them any time now, taking care to preserve as many of the roots as possible. Use any good rose soil for potting, pot firmly and give them good drainage. Place the plants anywhere outside for the present and give them a thorough watering. The earlier you attend to these plants now the better they will be, for they will have more time to form roots before hard weather sets in. There is no need for pruning the wood back at this time. Those that are pot-grown all summer should by this time have completed their growth. Decrease the water supply to assist the wood in becoming ripe, but don't let them become dust dry as this would shrivel up the wood rather than harden it. In two or three weeks or when the wood is well ripened they should be laid on their sides, as the heavy rains would have a tendency to keep the wood soft.

VARIEGATED VINCAS

These plants that have been planted out should now be lifted and potted. A 4 or 5-inch pot is a very good size. Use a good loam with a third of well-rotted manure. Pot quite firmly and then give enough water to penetrate the soil through. If you have a bench in a cool house where they can stand close to the edge so their long growths can hang down, this will make good quarters for them for the winter and they will grow into splendid and very useful plants for vases and veranda boxes, by next spring.

John J.M. Farrell

Mr. Farrell's next notes will be on the following: Antirrhinums; Bulb Planting Outside; Care of Vandens; Fall Care of Violets; Treatment of Nymphaeas; Rooting Cuttings of Hardy Shrubs.
Fruit and Vegetables under Glass

STRAWBERRIES

The hot weather of August and early September was very trying to strawberry plants growing in pots, and in many cases growth was not so rapid as it has been in the last few weeks. Cooler days and evenings with heavy dews are welcomed by these moisture-loving plants. Every encouragement must be given them now they are growing and there are yet a few weeks left for them. Prick up the surface soil periodically removing any dead or useless foliage and runners. Now that the pots are filled with roots, feeding with quick-acting manures (liquid cow or sheep manure is fine), will assist the plants to build up a good plump crown which is essential if good berries are to be had later. Never allow the pots to become real dry. Syringe the plants morning and afternoon in fine weather taking care that they are dry again before six o'clock.

VINERIES

Vineries which have had a crop cleared off should be thrown wide open, any shading which may have been used on the glass removed and the vines given every opportunity to ripen up their wood. Any growths which have been allowed to "run" to encourage root action can now be shortened back, as also can laterals which bore no fruit. By so doing the base eye is plumped up and this is what we look for when pruning on the long-spur system. Many good eyes, per force, have to be pruned away and this is where advocates of the long-spur system try to get one on us, but by shortening some of the laterals back now a good base eye is obtained. Should the foliage be at all dirty it is a good plan to syringe with some approved insecticide weekly. This will greatly facilitate the winter cleaning. As long as the foliage lasts hose well every morning in fine weather. This helps to beat off insect pests and also encourages the buds to swell.

PEACHES AND NECTARINES

Any new trees which it is contemplated to plant or use as pot trees should be selected and ordered at once, if this has not been already done so. In previous issues HORTICULTURE has given space to listing varieties suitable for early and late use and also a combination for succession in one house. These lists have been compiled after watching and studying a quantity of varieties growing under ordinary greenhouse conditions in America. Yet there may be meritorious ones omitted, but these mentioned will be found good enough to fill the bill in their various classes. Where pot trees are grown, pots and potting material should be got in readiness. Half-decayed loam, lime rubber and charcoal constitutes a good mixture. A little lime rubber mixed in with the borders as root pruning and renovating is proceeding is good. Procure and store all possible of this valuable asset.

MELONS FOR CHRISTMAS

Melons sown September 1st will now be established in the beds. Keep a moist atmosphere and syringe twice daily on all fine days. This is the greatest preventive against red spider which later on will be troublesome. If allowed any leeway, when more fire heat has to be used. Any sowings which are made after this should be grown throughout in pots.

MUSHROOMS

Many beds will have been made up already, but by proceeding at once there is plenty of time to have one bearing for Christmas. Get as much fresh horse manure from the stables as possible at one time, so that your heap is accumulated in a few days, which is an advantage as it cures evenly. This heap should be placed under cover in a cool place and spread out to a thickness of one foot and turned over each morning, and night, taking out any long straw as you proceed. This will help the manure to dry a little and also even the heating properties. Each day the manure will become quite hot and in turning so much ammonia will be lost until a uniform temperature is maintained. Probably it will take a week or ten days to attain this stage. Experience is the only teacher as to when a bed is ready to be made up, but look for the manure to be about the same each time of turning. Before transferring to benches add a little fine soil to the manure which is a preventive of over- heating. Make as firm as possible and finish with an even surface. By means of a proper thermometer watch the temperature of the bed gradually rise—if properly made it will touch 100 or 110 and then gradually recede. When it has gone down to 85 or 80 insert the spawn, breaking the bricks into pieces about the size of a small hen's egg and press the manure firmly around each piece. In about a week or ten days when the temperature has gone down to about 70 cover the whole surface of the bed with about an inch and a half of virgin soil and press gently down. Keep a moist atmospheric temperature of 55 and in about six weeks a first cut should be made.

WINTER LETTUCE

Winter lettuce will now be growing nicely in the frames. Keep the surface soil well cultivated and a sharp look-out for caterpillars and other insects. A fine spray over mornings and early afternoons will be beneficial. Keep protection handy in case of sudden frost coming down. Successive sowings for growing on in vegetable houses can be made at intervals. Keep the seedlings near the glass and give plenty of air.

BEANS

Dwarf or bush beans are appreciated through the winter months and are easily grown in pots or benches. The latter is the most profitable, finer beans being produced with less trouble. Fill the benches with good rich soil and scoop out the rows an inch deep and eighteen apart; this allows for a double row to be sown. Insert the seeds singly, about two inches deep, as the seedlings come through draw the soil about them. Syringe well to keep down spider and maintain a night temperature of 55 to 58, with the usual advance by day. By making a sowing every week or ten days a supply can be kept up the winter through.

S. H. Benson
Crops from improved backyards

A complaint comes from a western city that the exploitation of the "improved backyard" idea in that neighborhood had resulted in the launching of a lot of amateur florists whose consignments of asters and other flower garden products to the wholesale markets had of late materially contributed to the demoralization of established values on these things. Looks like "a temped in a tea pot" doesn’t it? It is up to the florist to keep ahead of the backyard amateur. If he can't produce something which the latter cannot produce and a better and more saleable quality, he must take the "improved backyard" and if it did nothing more than to force the struggling florists in the florist procession to "get a move on" it has certainly served a very useful purpose not exactly contemplated by its promoters.

About exhibition reports

The vegetable growers of New England have won the congratulations of the profession at large by the superb exhibition of vegetables staged at Horticultural Hall, Boston, Mass, last week. It was a vast and comprehensive display of the choicest products of the vegetable garden, grown to perfection by expert gardeners despite the almost uncontrollable drawbacks of the worst season in many years. Again the superiority of the Lenox gardeners has been demonstrated in the arrangement of a splendid vegetable display and after these repeated demonstrations of their abilities in this line they must be recognized as about invincible. One objection we would submit in regard to the judges' report in this as in very many other shows is the failure to record the names of winning varieties under the classes for "any other variety." Recording and publishing the names of growers winning first, second and third in the standard varieties listed in the schedule is all right and necessary but it carries little or no educational value. In classes where unlisted and often obscure varieties are pitted against one another, however, there is much to be learned as to comparative qualities which is, of course, open to the observant visitor but is lost to the vast number of interested persons who were not present, unless noted by the judges. Without such comparative trials many worthy varieties not yet widely known or generally grown would often be left in undeserved obscurity and we believe it is a great mistake to omit mention of them in the prize reports.
A PERENNIAL BORDER.

Superintendent Pettigrew of the Boston Park System has added a much-appreciated feature to the attractions of Franklin Park in the form of a perennial border. This border, as shown in part, in our cover illustration this week, is serpentine in outline, skirting the edge of a rolling meadow, for a distance of 160 feet, and set off by a background of trees and close shrubbery, the latter not yet grown to its full intended effect.

The border is not literally a perennial border, for much of its radiant color effect is attained by the use of Countess of Esmere petunias, canna, antirrhinums, gladioli, pentstemons, dahlias, cosmos, salvi, poppies, verbenas and other annual material, but as the perennial plantations attain their maximum growth the necessity for annual fillers will be proportionally lessened. As seen in the picture presented—which was taken in late September, the hardy asters are in the height of their glory. Of these so-called “Michelmas Daisies,” Mr. Pettigrew has acquired a magnificent collection, including all the novelties from foreign sources, and in another year they will make a magnificent display. None, however, can excel our own Aster Nova Angliae, with its rich outburst of purple and amethyst. Helianths, chelone, rudbeckias, helianthus, boltonias, phloxes, veronicas, violas and lilies are among the most brilliant factors in the autumn show. The spring outburst is ushered in by masses of early and late flowering tulips, narcissi, etc., and peonies, iris, campanulas and other spring and summer favorites follow along in brilliant array, there being at all times an abundance of seasonable bloom. The masses of color are boldly blended and contrasted, and the public have displayed much interest in this excellent object lesson in the art of garden making.

Next year some lily ponds and Victoria pools are to be constructed in the foreground meadow.

A MODEL ESTATE.

A few hours spent on the estate of Mrs. J. B. Converse, Greenwich, Conn., known as "Stanwich House" under the able guidance of Wm. Graham, superintendent, proved most interesting and pleasurable. Mr. Graham studied his work at the Wayside Farms and Conservatories of Milton, Mass., under the skilful training of Geo. M. Anderson. After completing his apprenticeship there, when a lad of 17, he took the selling end of the business, and after five years became foreman. Later he took charge of the rose growing establishment of H. F. Crawford & Co., staying with this firm for three years or until the dissolution. He then accepted his present position where he has succeeded in converting a run-down farm into a modern country estate which at the present time can equal any in the Greenwich section although it is only four years old. On the day of the writer's visit Mr. Graham was busy superintending the laying out of a large rose garden, and dynamiting numerous boulders preparatory to converting a piece of marshy land into a lake and finally to become a formal garden. There is no glass on the place yet but plans are already out for a range after the bulk of the landscape work is completed. The vegetable garden is laid out artistically. On each side of the white sand-stone walks are beds of herbaceous flowers. In the center is a clipped evergreen flanked by crecents of salmon geranium. The fruit garden is a model. The original apple trees have been pruned into shape and sprayed back to life and now are hanging with fruit of good quality.
WESTERN DAHLIA AND GLADIOLUM SOCIETY.

The initial meeting of the Western Dahlia and Gladiolus Society was called to order at the Denison Hotel, Indianapolis, Ind., at 1:30 P.M., Tuesday, September 26th, President Barnes of Spencer, Ind., in the chair. The exhibition at Wiegand's dining room was opened to the public because of illness in the family. Homer Wiegand was made secretary pro tem. Eleven new members from Western States, dahlia prominent growers in the middle west, President-Elect Vincent of the S. A. F. wrote expressing regret that he was unable to attend and asked that his name be recorded as a member. Committees were appointed to take up the immediate future the most pressing work of the new organization—first, on competition for the Chicago show in August; second, on nomenclature; third, on premiums and specials for the Chicago meeting. A ringing vote of thanks was extended to A. Wiegand & Sons for their contributions in supplying exhibition space, assistance in staging and entertainment of the officers. After further discussion about examination of exhibits the convention adjourned subject to call of President Barnes.

As early as 6 A. M. Messrs. Stewart, Boddington, officers representing various exhibitors were on hand at the big Wiegand conservatory on North Illinois street. On account of late arrival of some exhibits the staging was somewhat delayed; however, the exhibition was ready by noon. President Barnes supplied something like 5,000 blooms of dahlias in many types and forms. Stewart staged seventy-five varieties of gladiolus which came through in fine condition and showed up well considering the lateness of the season. One of his new own published by the Michigan State College, was called Michigan. He also showed President Taft and Golden Queen, Vaughan's seed stock, and also gladiolus in about thirty kinds. The latter included Mastodon and Chas. L. Hutchinson, Wiegand & Sons had advertised the event in the daily papers and the attendance of the general public and amateur growers of these flowers was good both in afternoon and evening.

H. L. WIEGAND.

CHRYSANTHEMUM SOCIETY OF AMERICA.

President Elmer D. Smith announces the following committees to examine new chrysanthemums for the ensuing year:


Shipments should be made to arrive by the following days to receive attention from the committee. Must be prepaid to destination and an entry fee of $2 should be forwarded to the secretary not later than Tuesday of each week they are to be examined, or it may accompany the blooms. Seedlings and sprouts are both eligible to be shown before these committees provided the raiser has given them two years' trial to determine their true character. Special attention is called to the rule that sprouts, to receive a certificate, must pass at two examinations by the five committees. The committees will be in session to examine such exhibits as may be submitted on October 7, 14, 21 and 28, and November 4, 11, 18 and 25.

CHAS. W. JOHNSON.

Morgan Park, Ill.

TEXAS NURSERYMEN'S ASSOCIATION.

The eleventh annual meeting of this association was held at Waco, Texas, on September 12 and 13. There were many interesting papers and discussions. Officers were all re-elected, as follows:

President—R. Myers, Waxahachie; vice-president, J. R. Downey, Wichita Falls; secretary-treasurer, J. S. Kerr, Sherman.

A vote was passed approving the exhibition of the gardens, parks, and scenery post.

A resolution approving the proposed national inspection law, with the exception of paragraph 7, was adopted. A committee composed of John B. Morgan, E. F. Goss, and R. H. Bushway was appointed to confer with the committee from the American Association of Nurserymen, on the relative merits of this law as regards paragraph 7.

The next meeting place will be determined at the Farmers' Congress in July.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

Public notice has been given that Loyd C. Bunch, of Fredonia, Kansas, offers for registration the Begonia described below. Any person objecting to the registration or to the use of the name proposed to be adopted, is requested to communicate with the Secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Description—Sport of Feastii, habits of growth etc., identical with Feastii with the exception that the edge of the leaf is serrate around the entire circumference of leaf.

Name, "Feastii Bunchii."

H. B. DORNER, Secretary. Sept. 21, 1911.

CONNECTICUT HORTICULTURAL SOCIETY.

At the dahlia show in Hartford, last week, the following special prizes were awarded:

C. H. Sherman prizes, $15, for best specimen of dahlia plant from one foot to exceeding ten inches in diameter—best ten plants, $10, J. A. Weber, Hartford; best five plants, $5, A. Righzani, Hartford.


Henry A. Dreer prizes, $5, for three blooms of dahlias Rheinikonia and Paulina. First—First, W. F. Jost, East Haven; second, $2, not awarded.

Pittsburg Steel Company prizes, one ten-dollar roll of solid pottery and garden fencing (value $80), for best collection of fruit, George W. Smith, Melrose.

O. V. Zangen prize, $5, for best vase of twenty-five cactus dahlias to consist of at least twelve commercial varieties—John H. Slocombe, New Haven.


RHODE ISLAND HORTICULTURAL SOCIETY.

The Rhode Island Horticultural Society held an interesting meeting in the public library at Providence, Wednesday evening, September 29. A new seedling decorative dahlia originated by Harry V. Mayo of Bristol and named Nettie V. Mayo, was on exhibition at the meeting and on the recommendation of the committee on awards the society voted a certificate of merit. It has long, incurving petals, lemon yellow with carmine tips. The flower was first exhibited at Newport a year ago this fall where it was awarded a premium. The subject of discussion for the evening was "Growing and Packing of Fruit," by A. Warren Patch of Boston. The society voted to become a member of the State League of Improvement Societies of Rhode Island. At the next meeting a lecture upon "Flowering Bulbs for the Garden and Home" will be given by W. H. North of North Easton, Mass., followed by a discussion by the members.

S. A. G.

GOOD TIME COMING.

Acceptances have been received from the florists' clubs of Milwaukee, Detroit, St. Louis and Cincinnati to the celebration on Oct. 5th, of the 25th anniversary of the organization of the Chicago Club. The large dining room adjoining the club room at the Union Restaurant will be used for the banquet, which will be fittingly decorated. F. P. Bentley, oldest living past president of the club will be toast-master and Elmer D. Smith of Adrian, Mich., will read a paper on Chrysanthemums.
VEGETABLE GROWERS' ASSOCIATION OF AMERICA.

The concluding session of this Association at Boston last week maintained the interest evidenced in the opening meetings and the visitors were especially enthusiastic over the great vegetable show put up by the Massachusetts Horticultural Society.

That present railroad rates discriminate unfairly between fruit and vegetable growers to the advantage of the former, and against the short as opposed to the long haul was contended in the discussion on this topic. Much evidence on the point has been contributed to the secretary, and it will appear in a report shortly to be presented to the interstate commerce commission, with a petition that conditions be amended.

Another matter that occupied the attention of the association was the standardization of packages. There is a growing tendency among vegetable men to forward their goods in free non-returnable packages.

VEGETABLE SHOW AT BOSTON.

The vegetable growers of Boston and contiguous territory certainly put up a magnificent exhibition, under the auspices of the Massachusetts Horticultural Society at Horticultural Hall, Boston, last week. Every available corner in the big building was utilized and in the majority of classes, all three prizes were awarded and in many classes there were a large number of entries besides. Ed. Jenkins of Lenox, Mass., took the big prize for best collection, Frederick Mason winning second place and Allen Jenkins third. The list of winners in the regular classes was legion and space will not permit our recording them here. Honorable mention was given to the Johnson Seed Potato Co. for new potato Brunswick.

J. E. Murphy for new potato Canasota; V. Bulita for collection of unusual vegetables and Bayard Thayer for Rubus inomnolatus, a picture of which appears elsewhere in this issue. David Lumsden was given a certificate of merit for new seedling orange-flushed melon. On account of the great interest shown by the public in this exhibition it was kept open until 10 o'clock Sunday night.

AMERICAN ROSE SOCIETY.

Mrs. Burke-Roche of Newport, R. I., authorizes the offering of a prize of $50 for a new yellow rose—to be competed for any time after June, 1912. The said new rose to resemble as nearly as possible in color the Marshal Niel but with a strong upright stem. Another prize which will be coming along soon is the Mrs. Gertrude M. Hubbard Gold Medal to be awarded once in five years. This medal is to be given to the originator of the best rose of American origin introduced within five years—the year will be 1914.

An executive meeting will be held in New York City, Sept. 28th, to consider arrangements for the Detroit exhibition. This meeting will be followed by a conference in Detroit to determine upon the detail work. The Rose Society will ask its friends to subscribe a guarantee fund so that the Society may be able to offer an excellent list of prizes, and be assured of financial support. The Rose Society has passed the $5000 permanent investment fund from its life membership fees, this fund is invested in guaranteed mortgages of New York, the securities are those in which the State Savings Banks are authorized to invest.

BENJAMIN HAMMOND.

Secretary.
Fishkill-on-Hudson, N. Y.

CLUB AND SOCIETY NOTES.

The executive committee of the American Sweet Pea Society will hold a meeting in Boston, Mass., on October 18 to 22.

On account of the lateness of dahlias this year the Dahlia Show of the Nassau County Horticultural Society is postponed to Oct. 11th.

The Tenth Annual Convention of the National Nut Growers' Association will be held at Mobile, Ala., on October 5, 6, 7, 1911, with headquarters at Battle House.

The Florists' Club of Philadelphia will celebrate its 25th anniversary next Tuesday evening, October 3, with a dinner. It will be election night, too. Verb. sup.

Growers who propose to compete for prizes at the 1912 spring shows should take a look at the fancy grade hyacinths and other bulbs at A. T. Beddington's specially selected for the purpose of exhibition forcing.

John J. Butler, a wellknown gardener of Newport, and for many years an active worker and former secretary of the Newport Horticulture Society, has been appointed a member of the Newport Park Commission by Mayor Boyle. Commissioner Butler succeeds H. W. H. Powell who declined a reappointment. It has been the custom of Mayor Boyle to appoint a gardener on the park commission whenever a vacancy occurs and the selection of Mr. Butler is in keeping with his established policy. Mr. Butler attended the first meeting of the commission and was placed on two committees.
Obituary

General Samuel C. Lawrence.

Horticulture and many of its allied interests feel a loss by the death of this distinguished citizen of Medford, Mass. Although never taking any active part in any of the organizations, he professed a knowledge of along gardening lines, few men loved the native flowers of America any better than he did and by his generosity in allowing his large private estate to be a public playground for the public, he proved it in a manner that so very few of the wealthy do, the privacy of his residence not even being respected by a too eager public, who often take the advantage of a privilege granted by a large-hearted man such as he was, and one day a short time before he was taken sick, on being rechristened with by a member of his family for allowing the public so much freedom, he replied in the hearing of the writer, 'well, you know, we that have the privilege of having these things cannot afford to be selfish about them.'

Many years ago General Lawrence acquired about three or four thousand acres of woodlands adjacent to the Middlesex Fells reservation, and built roads and other conveniences all through it, also an observation tower at Rams Head Hill, the highest point of it, which commands one of the finest and far-reaching views in the vicinity of Boston. The fight that this public spirited gentleman put up against the gypsy moth and other insect pests is a matter of the history of these scourges in Massachusetts and need not be dwelt on here. As an employer he was beloved by all his employees, and I will add that the writer has been employed for the rich for about thirty years, and has had the privilege of coming in personal contact with royalty and other titled nobility of the old land, but for all the qualities that make a true gentleman none can surpass this distinguished son of Massachusetts.

Gen'l. Lawrence spent his winters in Miami, Fla., and at the time of his death was an estate of one thousand acres for the production of fruit and flowers suitable to that growing winter resort. He was a distinguishe d colonel on Thursday evening, a short time ago resigned from being Sovereign Grand Commander of the Supreme Council of the Ancient and Accepted Scottish Rite. He was also a veteran of the Civil War, being severely wounded at the first battle of Bull Run. General Lawrence was much interested in public matters, having been a graduate of Harvard in 1855, keeping up his interest in that line by serving for many years as trustee of the Public Library of Medford, contributed generously toward the building of the same each year. He is survived by a widow, a son and daughter, and a brother and sister. His philanthropy was always liberal, but allowing his name to be mentioned, and many will mourn his loss along these lines.

GEORGE F. STEWART.

Isaac L. Powell.

Isaac L. Powell, superintendent for Mr. Samuel Thorne of Millbrook, N. Y., was killed by a boiler explosion on Thursday morning, Nov. 21st, of pneumonia, after being ill but one week. Just one week before his death he attended a meeting of the A. M. A. of which he was president, and in which he always took an active part, especially the boys' branch. The writer could not but notice his efforts in this particular work, often walking several miles to and from the meeting place in order to be with the boys, sometimes to deliver a lecture on some fitting subject that would educate them in the better and higher things of life, other times to instruct them in the athletic work of the association. He was for many years a member of the Society of American Florists and The New York Florists' Club. Mr. Powell was born in Pemberton, N. J., and when quite young entered the employ of John G. Gardner at Johnstown, N. J., on the Rancocas Stock Farm, of Pierre Lorillard was proprietor, and after serving his apprenticeship was engaged as head gardener to John Weth at Westtown, Pa. From there he entered the employ of Thorley, the New York Florist and afterward to Tuxedo Park as gardener to Pierre Lorillard, also as superintendent of the park. Twenty years ago he entered the employ of Mr. Samuel Thorne of Millbrook as superintendent of his estate known as The Crest, which position he has faithfully filled, always working for the interests of his employer with that untiring zeal which characterized his whole life.

Mr. Powell was an expert chrysanthemum grower and was often sought to act as judge at the fall exhibitions and being so well qualified to fill this office he had always been allowed to do so in several counties. In Brooklyn he was the very gardener's library.

Funeral services were held in the Thorne mansion on Sunday, the 24th, when between four and five hundred people attended to pay their last tribute of respect to the deceased. The floral tributes were many and beautiful, among the many noticeable is a large wreath of Richmond roses from the New York Florists' Club, gate-to-gate from garden employes, a beautiful standing wreath of roses and orchids from the Y. M. C. A. of which he was a member, the Sielox, George Stewart, Peter Duft, William Smith, Joseph Manda, W. C. Russell.

Sebastian P. Fischer.

Death claimed one of the youngest men in the florists' business, Sept. 21st and the news of his sudden death was a shock to the trade who did not generally know of the illness of Sebastian P. Fischer of Evanston, Ill. Just a week prior to his death he was taken to St. Francis Hospital and but one day previous he was in the market buying flowers but complained of not feeling well and typhoid fever had even then its hold upon him.

Sebastian P. Fischer was born in Trier, Germany, 27 years ago and with his parents came to this country in childhood. With his father and brother John, he was in business in Evans ton, but two years ago the boys started for themselves and were building up a good business, the management of which was directed by Sebastian while having charge of growing and a sister, Pauline, the retail store on Dempster Avenue. On the last day of his life, feeling that he could not get well, he saw the future of the business and gave helpful advice to those left. His father, Fred C. Fischer, brother and sister survive. He was a member of the Catholic Order of Foresters, Knights of Columbus and of the Evanston Business Men's Association.

A. A. Hixon.

Adin A. Hixon, aged 68 years, 6 months and 8 days, the librarian and secretary of the Worcester County Horticultural society for 29 years, died on the night of Sept. 25 at his home in Worcester, Mass., from pernicious anemia after a long period of ill health. For 19 months he was confined to his home. He leaves a widow and one son.

Mr. Hixon was a most devoted horticulturist, a companionable gentleman and efficient official. Few men were better known throughout horticultural New England than A. A. Hixon.

Mrs. A. J. Dorward.

Andrew L. Dorward, second vice-president of the New York Horticultural Society, has lately been the recipient of expressions of sympathy from many of his friends for the loss of his wife, who recently died in Kirkrannick, Scotland, where she went a year ago for the benefit of her health.

George M. Langbridge.

W. C. Langbridge, who represents the Jerome B. Rice Company among the American florists, was called suddenly to New York on account of the illness of his brother, George M. Langbridge, who died on Friday of bronchial pneumonia and heart failure.

Mrs. John Geib.

Mrs. Geib, whose husband, Mr. John Geib, flower, died at her home in Long Island City, N. Y. on Saturday, September 22.

Mrs. A. J. Vescellus.

A. J. Vescellus of Paterson, N. J., mourns the loss of his wife, who died on Friday, September 22, after a long illness with cancer of the stomach.
DREER SEASONABLE SPECIALS

Special circulars offering the following seasonable stocks have recently been mailed to the trade. If you are interested and have not received copies, write to us.

Japanese Iris
Japanese varieties, but not Japanese mixtures. 170,000 home-grown plants, true to name. Forty-four of the finest varieties ever brought together. Now is the time to plant.

Paeonies
Now is the time to plant. We have just harvested 130,000 roots, strong divisions, four, five and more eyes. Many of the standard sorts at particularly interesting prices.

Hardy Perennial Phloxes
More than half-a-million plants are now in bloom at our Largest Farm Nursery. The best varieties only and we can ship at once.

Dahlias, Field Grown Roots
We have issued a special catalogue of these in which we offer 200 standard up-to-date varieties. You should consult this list before making up your catalogue for 1912.

Araucarias
Thirty thousand plants now in stock. Prices lower than ever offered. This is for early delivery only and it will pay you to consider your requirements for the coming season now. Get our special circular offering these plants.

For a complete line of all seasonable Florists’ Stock, Hardy Perennial Plants, Bulbs, Seeds and Sundries, consult our Current Wholesale List, issued September 1st.

HENRY A. DREER, Inc.
714 Chestnut Street, PHILADELPHIA, PA.

Narcissus
Paper White Grandiflora
13 ctm. Bulbs. Per 100, $1.25; per 1,000, $9.00; case of 1,250 bulbs, $11.00.
A. HENDERSON & CO. 30 E. Randolph St., CHICAGO

Headquarters for FALL BULBS Send for Trade List
John Lewis Childs
Flowerfield - LONG ISLAND, N.Y.

For Fall Planting
Lilium Pennefilmanum, Honeys, Hemianthus, Wallacei and Hayarkum; Eleagana varia, Stroje and Double Tigers, Japanese Tree Lilac; Delphinium formosum; Japan and German Iris; Daphne Cheesem. Fall list ready in August.
E. S. MILLER Wading River, N. Y.

HERBERT, ATCO, N. J.
DAHLIAS Every Day in the Year

PALMS, FERNS, DECORATIVE AND FOLIAGE PLANTS
Also Azaleas, Begonias, Bay and Box Trees
A. LEUTHY & CO. Perkins Street Nurseries, Roslindale, —Boston, Mass.
Price lists on application.

BEST PALMS
All Varieties, All Sizes. Send for Price List
Joseph Heacock Wyncoke, Pa.

FERNS FOR DISHES
Assorted varieties, 2-in. pots, $3.50 100; $5.00 500; 500 at 100 rate. Cash with order
FRANK OECHSLIN 801 Quincy St. - CHICAGO, ILL.

ROBERT CRAIG CO.
ROSES, PALMS, and Novelties in Decorative Plants
MARKET and 49TH STREETS, PHILADELPHIA, PA.

ORCHIDS
Greatest quantity and variety in the country. Established and freshly imported. Also material in which to grow them. Write for special list and catalogue.
LAGER & HURRELL, SUMMIT N. J.

ORCHIDS
Largest Importers, Exporters, Growers and Hybridists in the World
SANDER, St. Albans, England and 258 Broadway, Room 721 NEW YORK CITY

ORCHIDS
PLANTS and FLOWERS always on hand
ORDONEZ BROS. Madison, New Jersey

ROEHRS
Orchids, Azaleas, Palms, Lorraines, Crotons
RUTHERFORD, N. J.
LILIUM FORMOSUM
Can Be Grown Nicely in a Carnation Temperature

SPLENDID WELL-RIPENED BULBS
ORDER TODAY

<table>
<thead>
<tr>
<th>Size</th>
<th>No. to case</th>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 to 8 inches</td>
<td>400</td>
<td>$4.00</td>
<td>$35.00</td>
</tr>
<tr>
<td>7 to 9</td>
<td>300</td>
<td>6.50</td>
<td>55.00</td>
</tr>
<tr>
<td>8 to 10</td>
<td>250</td>
<td>8.75</td>
<td>82.50</td>
</tr>
<tr>
<td>9 to 10</td>
<td>200</td>
<td>9.50</td>
<td>90.00</td>
</tr>
<tr>
<td>10 to 12</td>
<td>150</td>
<td>12.50</td>
<td>115.00</td>
</tr>
</tbody>
</table>

Place your order now for
Special Michell Brand Lilium Giganteum
and
Special Michell Brand Lilium Multiflorum
Large sizes will be scarce and prices now are low

WHOLESALE BULB CATALOGUE NOW READY,
HENRY F. MICHELL CO.
518 MARKET STREET
PHILADELPHIA

MICHELL'S DAHLIA SHOW.
This was something of a departure from the usual trade exhibition which is usually given for advertising purposes exclusively, but in this case the element of competition came in, and that is of educative value. No tradesman can give a show on the same basis as a society; but as far as they could the promoters in this instance made as good an imitation as is possible—while at the same time frankly owning up to the advertising part of it. The Horticultural Society of this city is at such a low ebb that an affair of this kind—even if it is a trade proposition—assumes more than usual importance. That, and the competitive element is the reason why we devote space to more than the usual passing notice.

The extent, quality and variety of the exhibits; the arrangement; the auxiliary decorative subjects; the general management; all were of a very commendable nature. The show held open four days—September 26-29, and the big store was crowded all the time, and the salesmen had their hands full. Extra flowers came in every day.

Among the decorative subjects outside of the dahlias may be mentioned Funkia caerules, Sedum spectabile, Tritoma, Zinnia japonica variegata, Salvia splendens, Amaranthus, Zinia, Helianthemum autumnale, African marigold, Aster Nova Belgae, Eupatorium Frazeri, gladiolu, ferns and palms.

The chief prize winning vase was cleverly placed in the street doorway, and ranged back of same were the other prize winners along the center aisle. The crowds were attracted in, and the rest was a matter of insidious politeness.

The general manager was Philip Frend, one of the best in the business and a genius in that line. The judges were W. C. Herbert, A. L. Turnley, L. K. Peacock and Maurice Puld.

Your correspondent encloses the prize list herewith:

Vase, 6 flowers, Delicie—first, Chas. Bastard; chestnut Hill, Phila., Pa.; second, Thomas Holland, Berwyn, Pa.
Vase, 6 flowers, Jack Rose—first, Chas. Bastard; second, Wm. Robertson, gardener to J. W. Pepper, Jenkintown, Pa.
Vase, 12 flowers, William应用—first, Thomas Holland; second, James Bastard, gardener to G. L. Harrison, Germantown, Pa.
Vase, 12 flowers, C. W. Bruton—first, William Robertson; second, Thomas Holland.
Vase, 6 flowers, Mrs. Roosevelt—first, Thomas Holland; second, Wm. Robertson.
Vase, 6 flowers, Pink Pearl—first, Chas. Bastard; second, E. M. Morrow, gardener to G. L. Rodin, Chestnut Hill, Phila.
Vase, 30 flowers not less then two varieties, any type—first, E. M. Morrow; second, James Bastard; honorable mention, Thomas Holland.

The trade contributors got paid by Michell in good iron dollars for their shipments, so we will not give them this free mention this time. Huh. Let the galled jade winces—for once!

GEORGE C. WATSON

INCORPORATED.

Chicago, Ill.—Percy Jones, florist, nursery, commission and mercantile business, capital stock $10,000. Incorporators: Henry Van Gelder, Fred Wittbold, Robert D. Elder.

DURING RECESSION.

Newport Horticultural Society Ball.
The annual ball of this society was held September 29th, with a good attendance of dancers, under the management of Vice-President Wm. Mackay, who led the grand march with Miss Elaine Meikle, daughter of the president. The committee of arrangements was headed by Wm. F. Smith as chairman, Wm. Grey as secretary, and their work was rewarded with the greatest financial success the society has ever enjoyed from any similar function.

Cincinnati Bowlers.
The Bowling Club has its first meet early in October. Members will be notified by Chas. H. Hoffmeister as to when and where. Any desiring to join should advise Mr. Hoffmeister. They are assured of a cordial welcome.

Gustave Ober, of Baltimore, is one of the representatives of the National Fertilizer Association at the Third National Conservation Congress which convened on Monday last in Kansas City. Wilbur W. Hubbard of Chester town, Md., is the president of this association, and in naming Mr. Ober as chairman of the delegation also appointed Messrs. Frederick Mayer of St. Louis, Mo., C. V. Allbright of Raleigh, N. C., Professor Henry G. Bell of Chicago, Ill., W. G. Welsh of Columbus, Ohio and W. G. Sadler of Nashville, Tenn., as members.
PRIMULA MALACOIDES

"The Glorified Baby Primrose"

Offered for the first time in America. This variety will continue sending up a succession of blooming spikes (color, beautiful lilac), giving the appearance of a shower of blooms.

The individual flowers are much larger than P. Forbest and infinitely more freely branched. It is highly recommended either for cut flowers or for plants, which sell readily on sight. Per trade pt., $1.00; ½ pt., 60c.

Our Fall Bulb Catalogue of Quality Bulbs, etc., now ready. A post card will fetch one by return mail.

Arthur T. Boddington, Seedsman, New York

Large Arborvitae, Hemlock and Norway Spruce.

THE FINEST IN THIS COUNTRY. Also other large Evergreens. Some large deciduous trees and large shrubs. Evergreens with bulbs. State sizes in writing for prices.

THE F. E. CONINE NURSERY CO., Stratford, Ct.

PERSONAL.
A. Deisler, florist of Newark, N. J., is very sick with dropsy.
Wm. H. Siebrecht, Astron, N. Y., has just returned from Europe.
A. Spencer who has lately been with Lubinr & Trinz states that the report that he will go into the retail business is a mistake.

Miss Susan J. Wiley and William Dunn, florist, of Fairhaven, Mass., were married on Sept. 20 at the residence of Rev. William J. Martin.

Herman Schiller, president of Schiller the Florist, 2223 West Madison street, Chicago, Ill., and Miss Pearl Yager were married on Sept. 28.

G. H. Pieper who has long been in poor health is expected home this week from Winnetka where he went hoping to be benefited by the change.

Chester J. Hunn, of the U. S. Government natural staff in the Sandwich Islands, is suffering from an attack of typhoid, so a recent cable says. He is the son of Professor C. J. Hunn of Cornell University.

Charles Millang, the New York wholesale florist, found, on his return from a short vacation with his family in the White Mountains, that his home in Bayside, N. Y., had been burglarized during his absence. Money and silverware were taken.

Benjamin Hammond, the esteemed secretary of the American Rose Society, has declined the nomination for Member of the Assembly from the first district of Dutchess County, N. Y., for business reasons. It is to be regretted that a gentleman of such geniality, ability and amiable nature should find it impossible to give to his district his services as its representative in the halls of legislation. In their desire to select him for this post his fellow-townsmen showed most excellent judgment.

Visiting New York—D. T. Connor, Philadelphia representative of Lord & Burnham Co.; W. C. Langbridge, representing Jerome B. Rice Co., Cam-
Seed Trade

Seeds That Are Scarce

The following is an extract from a communication sent out under date of Sept. 28, 1911 by W. Allee Burpee & Co.

While garden peas and Golden Self-Blanching celery have been in extremely short supply for the past two years, yet never before in the history of the seed trade have there been so many nor such alarming shortages as in seed crops of 1911. There is "almost a profusion of only in peas and French-grown Golden Self Blanching celery, but also in nearly all the beets, mangels, carrots and parsnips, as well as in certain races of turnips. Eastern-grown cucumbers are only one-fourth to one-half a crop. California sweet peas average little more than half a crop. Our crops of Connection-grafted Red and Yellow Globe onions are also unfortunately short in yield of seed, while Gibraltarian onion is almost a complete failure.

During our travel last summer (more than 30,000 miles), the only country in Europe where we found seed crops uniformly good was in Denmark. Some of the islands of Amager, and Zealand the crops of cabbage and cauliflower were better than what we have seen for years and the seed should possess unusual vitality.

Providence Notes.

The Rhode Island Horticultural Society has offered the Florists' and Gardeners' Club of Rhode Island $150 to be used in premiums at the annual corn and chrysanthemum exhibition which is to be held in Elysimail, November 4 and 5. A special committee of the club on exhibitions will make a division of the money to various classes in a way designed to attract exhibits of the best growers. Edward Brooks, manager of T. J. Johnston & Company, returned Thursday from a vacation in the country. W. S. Fino started last Tuesday on a motoring trip through Vermont and he will be gone about a week.

News Notes.

Joliet, Ill.—Miss Carter is now sole proprietor of the Carter Floral Co., having bought out her partner.

Racine, Wis. — The greenhouses of M. Hanson, 1603 Winslow avenue, have been purchased by Sam Pezzello.

Red City, Minn. — T. H. Evart, has purchased the greenhouse formerly conducted by Jacob Noll and W. P. Pepper.

Chicago, Ill. — The greenhouses of Peter Ruberg at Foster avenue and Bowmanville road were ruined by the severe storm of Sept. 18. Much of the glass was broken and the wind scattered flowers over the surrounding country. The loss is placed at $30,000.

Natural Peach Pits.

Alb. Owings Associates and Rhubarb Roots and Potted Strawberry Plants.

I have peach pits, naturals, crop of 1911, fine also sized forcing asparagus roots, 8 years old. Rhubarb roots for forcing and strawberry plants.

Warren Shinn, Nurseryman,
Woodbury, N. J.

Dwarf Essex Rape Seed

4 1/4c., lb.

This special price for a short time only. Samples sent on request.

J. Bolgiano & Son
Wholesale Seedsmen
Baltimore, Md.

For Cold Frames

Straw Mats 6 x 6, $1.50, $17.00 doz.

Burlap Mats 6 x 6', $1.20, $14.00 doz.

Wm. Elliott & Sons, 42 Vesey St, New York

Forcing Tomato Plants

in 2½ inch pots at $20.00 per M in the following varieties: Comet, Sutton’s, Winter Beauty, Sutton’s Best Of All, Sutton’s Baltimore. Sutton’s A 1.

Cabbage and Lettuce Plants in unlimited quantities and best market varieties.

Fox Hall Farm. Norfolk, Va.

Cauliflower Cabbage

Mang/ld, Swede, Turnip

Hjalmar Hartmann & Co.
Copenhagen, Denmark.

Onion Seed

We have a choice lot of new crop Silver Skin or Portugal, also other varieties. Write for prices.

Schilder Bros.
Chillicothe

Coldwell Lawn Mowers

Hand—Horse—Motor

Known All Over the World
Catalogue on Request.

Newburgh, N. Y.
NEW CROP
MOORE'S SUPERB CYCLAMEN
(Williams' Giant Strain)

This famous strain of Giganteum varieties have large beautifully marbled leaves and stout flower stalks, throwing the enormous flowers of great substance and delightful fragrance well above the foliage, and cannot be excelled. Very profuse bloomers of striking beauty. Vigorous growers.

| Giant White Swan, pure white | $1.00 | $8.00 |
| Crimson Queen, very rich color | 1.25 | 10.00 |
| Rosy Morn, Satin White, Crimson Eye | 1.00 | 7.00 |
| Salmon Queen, pale pink | 1.25 | 10.00 |
| Masterpiece, New, extra large flower, pink, red eye | 1.50 | 12.00 |
| Prized, white and rose | 1.50 | 12.00 |
| Mixed, including the above and other fine sorts | 1.00 | 0.00 |

MOORE SEED CO.
125 Market St.,

Please mention Horticulture when writing.

LEONARD SEED CO.
230-238 W. KINZIE STREET, CHICAGO

Wholesale Growers of
Onion, Lettuce, Sweet Peas
and other California Specialties

C. C. MORSE & CO.
48 Jackson St.
SAN FRANCISCO, CAL.

SEEDS, PLANTS,
BULBS
All seasonable kinds of best quality
Special prices on large lots

JAMES VICK'S SONS,
Seedsmen
ROCHESTER N. Y.

COMPLETE STOCK FRENCH AND DUTCH
BULBS
Price list free on request.
Joseph Breck & Sons Corp.
47-54 N. Market St., BOSTON, MASS.

Choice Bulbs
In great variety for present planting—In-doors and out
THOMAS J. CREY CO.
32 South Market St., Boston, Mass.

Farquhar's Flower Seeds for The Florist
Write for our Wholesale Catalogue
R. & J. FARQUHAR & CO.
Boston, Mass.

Established 1820

Thorburn's Bulbs
Wholesale Catalogue
NOW READY
Send for a Copy
J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

BRIDGEMAN'S SEED WAREHOUSE
RICKARDS BROS.
Props.
37 East 19th St., - NEW YORK CITY

Sphagnum Moss
In Burlap Bales, per bale $1.00, 8 bales for $5.00, 10 bales for $8.00.
Larger Lots at Lower Prices.
The W. W. Barnard Co.
108-110 W. Kinzie St., CHICAGO

In ordering goods please add "I saw it in Horticulture."

Burpee's Seeds
PHILADELPHIA

Blue List of Wholesale Prices mailed only to those who plant for profit.
Of Interest to Retail Florists

NEW FLOWER STORES.
Amherst, Mass.—M. B. Kingman, Hunt's block.
Lyons, Mass.—Gibbs Bros., 231 Union street.
Boston, Mass.—Harry Quin, 109 Tremont street.
Chicago, Ill.—Alex. Tarzall, 651 Milwaukee avenue.
Los Angeles, Calif.—C. A. Brunger, 357 South Spring street.
Portage, Wis.—Mrs. A. Kaiser, Emportium block, DeWitt street.
Sioux Falls, S. D.—Cha. E. Louwerse, three houses, 61 1/2 William avenue.
Racine, Wis.—The North Side Greenhouse, 912 Milwaukee avenue.

ALEX. McCONNELL
571 FIFTH AVENUE
NEW YORK CITY

Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention. Telephone Calls, 487 and 488 Murray Hill Cable Address, ALEXCONNELL

NEW YORK
Orders for Steamer, Theatre, Hotel, or Residence Carefully Filled.

DAVID CLARKE'S SONS
412 Columbus Ave.

WILLIAM J. SMYTH
FLORIST
Cor. Michigan Ave. and 31st St., CHICAGO
We ship to all points in Illinois and Iowa.
Phones: Adie 880, Adie 881, Adie 882.

SAMUEL MURRAY
Kansas City, Mo. 913 Grand Ave.
All Orders Given Prompt and Careful Attention
WASHINGTON, D. C.

GUDGE'S
The Far-Famed Flowers of TORONTO
Delivered on mail or telegraph order for any occasion, in any part of the Dominion.
JOHN H. DUNLOP
96 Yonge St., - - Toronto, Ont.

The Park Floral Co.
J. A. VALENTE
Pres.
DENVER, COLORADO

WILLIAM L. ROCK
FLOWER CO.
Kansas City, - - Mo.
will carefully execute orders for Kansas City and any town in Missouri or Kansas.

W. J. Palmer & Son
304 Main Street, Buffalo, N. Y.
Members Florists' Telegraph Assn.

ALBANY, N. Y.

EYRES
Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY ON TELEGRAPHIC ORDER
11 NORTH PEARL ST., ALBANY, N. Y.

STEAMER DEPARTURES
American.
St. Louis, N. Y.—Savannah—n. 7.
Anchor.
Columbia, N. Y.—Glasgow—n. 7.
Atlantic Transport.
Minutenka, N. Y.—London—n. 7.
Cunard.
Maudetania, N. Y.—Liverpool—n. 4.
Casmaida, N. Y.—Liverpool—n. 11.
Holland-America.
New Amsterdam, N. Y.—Rotterdam—n. 3.
Noordam, N. Y.—Rotterdam—n. 10.
Hamburg-America.
Pres. Lincoln, N. Y.—Hamburg—n. 3.
Victoria League, N. Y.—Hamburg—n. 7.
Hamburg.
Leyland.
Bohdena, Liverpool—n. 7.
North German Lloyd.
K. Wilhelm H., N. Y.—Bremerhaven—n. 5.
L. P. F., N. Y.—Bremerhaven—n. 5.
König Albert, N. Y.—Medemblik—n. 7.
Kron, Wilhelm, N. Y.—Bremen—n. 10.
Kron, Bremen—n. 10.
Lapland, N. Y.—Fremant—n. 7.
White Star.
Clyde, Boston—Liverpool—n. 5.
Adelaide, N. Y.—Liverpool—n. 5.
Clyde, Boston—Liverpool—n. 10.

BUFFALO S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

THE HOME OF FLOWERS
The largest cut flower store in America. Orders for the TWINKLE CITIES and for all Northwestern points given prompt attention.

HOLM & OLSON, Incorporated
ST. PAUL, MINN.

BOSTON'S BEST
In Quality and Design
Can be relied upon when you transfer your retail orders to
EDWARD MACMULKIN
194 Boylston Street, Boston

LOUISVILLE, KY.
JACOB SCHULZ
550 South Fourth Ave.
WASHINGTON NOTES.
C. A. Shaffer & Co., of Alexandria, Va., are sending a good sized portion of their output to the Pennock-Meehan Co.

William F. Marche injured his foot in a fall sustained when his motor cycle skidded, throwing him to the ground.

George C. Shaffer, Fourteenth and Eye streets, N. W., will make a number of minor repairs and will repaint the interior of the store.

The Brookland flower show held in the local store last week brought forth some very creditable specimens of cactus, dahlias in many varieties, roses and geraniums.

A. Phillips, proprietor of "The Flower Store," at 324 Fourteenth street, N. W., last week opened up a branch in the Arcade Market at Fourteenth street and Park Road, N. W.

The Joseph R. Freeman store at 632 Thirteenth street, N. W., is receiving a new coat of green paint on the outside and one of ivory white on the interior in preparation for fall business.

Marche & Co., 735 Fourteenth street, N. W., have repainted the interior of the store and have improved it by the addition of lattice work on the walls and at the rear of the display window.

Fred Michell, of the H. F. Michell Co. and I. Rosnowsy representing the same firm were in town last week.

B. Eshenr also called on the local trade in the interest of M. Rice & Co., Philadelphia.

Z. D. Blackstone has the Fourteenth street side of his store all boarded up preparatory to the installation of a new front. Upon the completion of alterations Mr. Blackstone will have

IN THE SWIM

I must be in the swim,
You might forget my name,
And say that I'm in heaven.

Christmas Trees, Spruce or Balsam, from one foot to thirty, in any quantity; Balled Spruce, Balled Firs, Balled Hemlock, Balled Juniper, Leaved and Evergreen Festooning and Wreaths, Specimen Azaleas, Crape Myrtle, Climbing Laurel, and Dugger Ferns. Verry Contracts Made
Send for Price List and order your Christmas Trees now. GET THEM TODAY.


THE Florists' Supply House of America

H. BAYERSDORFER & CO.
1129 Arch St., Philadelphia, Pa.

NEW ENGLAND FLOWER DELIVERIES

THOS. F. GALVIN
124 Tremont St., Boston

TRANSFER

Your orders for flower or plant delivery in Eastern New England to

JULIUS A. ZINN
1 Park St., Boston

WELLESLEY COLLEGE
Oak Hall, Wellesley, Mass. and Rockridge Hall School.
TAILBY, Wellesley, Mass.

Wellesley College
Oak Hall, Wellesley, Mass. and Rockridge Hall School.
TAILBY, Wellesley, Mass.

one of the show places of the city
Wallace W. Kimmel, 1131 Fourteenth street, N. W., with a party of friends is doing his utmost to remove the hiny dinizens of the water surronding Blackstone's Island. Anyhow they are having a very good time from all accounts.

Mr. C. J. Saunders recently returned to his home on 1415 U street, N. W., at which latter address he has more space and a store more nearly fitted to the requirements of a growing business. Blackstone's stand is well located, being near the transfer station at Fourteenth and U streets. He is one of the recently elected members to the Florists' Club of Washington.

It has been announced that the partnership which heretofore existed between J. Harry Ley and J. J. Bickings has been dissolved. They have been doing business during the past six years under the title of Ley & Bickings. The former will continue at the old stand while the latter will remove to the new two houses, on adjoining lots, which have just been completed.

The Washington Florists' Co., Thirteenth and F streets have perhaps the best display now in the city this week, decorated in honor of the convention of the Veiled Prophets. As a setting for a display of lurid colors suitable to the occasion the window is filled with scarlet geraniums, canna, golden rod and ferns and at the back a large model of the Washington monument, paling in the spot, and repeated in "A Hot Old Time." Florists in Anacostia, D. C., where there is a large area devoted to hot houses, are enlarging their facilities, and those who have not added to their equipment are expected to do so shortly.

Two modern hot houses have recently been constructed for Fred H. Kramer at his establishment in Good Hope road. Others have been built at the gardens on the Bickings estate at Good Hope, and James F. Pierce is rebuilding one of his greenhouses on the Bowen road. Alexander B. Garden is having similar work performed at his Minnesotta avenue establishment.


CLARENCE L. LINZ.

CHICAGO NOTES

Henry Kruchen is again at the store for the busy season which seems must be now at hand.

Theodore Vogel, formerly at Kennicott's, has joined the ranks of the retailers, taking a position at the Alpha.

The Chicago Carnation Co., is cutting carnations now with 18 in. stems. There are none finer in quality in the market.

W. H. Hiltom of 1320 E. 63rd street has opened a second store on 53rd street. It will be in charge of his brother.

Jos Kross of Morton Grove is completing the addition to his house of houses and in another week will have everything in order.

The mail order business already in the hands of the firm of D. W. Davis is in very encouraging to the E. H. Hunt Co., who are handling it. Last week's issue contains full description with illustrations.

The flower show given by the Horticultural Society of Chicago at the Art Institute last week was not lacking in very enthusiastically by growers in general. The space was nearly all taken by a good exhibit from Vaughan & Co., and most entries there was no competition.

G. Redburn has just returned from a western trip which extended as far as Portland, Ore., and found business very encouraging. His shipment presents the E. Anderson Co., whose advertisement appears in another column and whose second shipment of Franklin and first of Multiforum are due this week.

A trip to the George Wittbold's plant at Edgebrook is a pleasure, for the young stock is in excellent condition and being rapidly shipped out. Work in the nursery will be in order soon and a fine lot of iris, cut-leaf sumach mulberries, snowberries, box elders, etc., are being prepared for shipping. Otto Wittbold is still wrestling with hay fever but never loses a day.


ST. LOUIS NOTES.

Wm. F. Craig, of Robert Craig Co., Philadelphia, spent a few days here during the past week calling on the different florists.

There is some talk of organizing a union among the florists. This talk comes from those who solicit funeral orders and want to make a hit with the local unions.

President Taft's visit last week brought some extra work for the local florists. At every place the President's name and flowers were prominent. Beauties were largely used on all occasions.

The Wm. C. Smith Wholesale Flower Co., with their employees, spent Sunday afternoon at the BHS No. 24, at Kirkwood. They came back with a great load of crawfish. There were five ladies in the party.

"FLOWERS BY TELEGRAPH."

Leading Retail Florists Listed by Towns for Ready Reference.

Albany, N. Y.—H. G. Eyres, 11 N. Pearl St.


Buffalo—J. L. Shaffer, 2139 S. First St.

Kansas City, Mo.—Wm. L. Rockflower Co., 251 Walnut St.

Louisville, Ky.—Jacob Schults, 550 South Portland Ave.

New York—David Clarke's Sons, 2130 Broadway.

New York—Alex. McComb, 611 5th Ave.


New York—Timm & Son, 423 Fulton St.

New York—Dewis, N. E. cor. 44th St. and Madison Ave.

St. Louis, Minn.—Holm & Olson

Toronto, Can.—J. H. Dunlop, 90 Yonge St.

Washington, D. C.—Ende Bros., 1214 F Street.

Horticulture

September 30, 1911
For this week we are offering at attractive prices, representing good value:

**BEAUTIES**
$1.00-$1.50 per dozen.

**CATTLEYAS**
$1.50 per dozen. Special prices in quantity.

**DAHLIAS**
$1.50-$2.00 per 100.

DOROTHY PEACOCK, $1.50 PER 100.

Business Hours, 7 A.M. to 8 P.M.

The Leo Niessen Co.
WHOLESALE FLORISTS
N. W. Corner
12th and Race Sts.,
PHILADELPHIA

---

**THE BEST LETTERS**
FOR FLORIST'S USE
Those Made By The
Boston Florist Letter Co
66 PEARL ST., BOSTON
N. F. McCarthy, Mgr.
Order direct or buy from your local supply dealer. Insist on having the BOSTON Inscriptions, Emblems, etc. Always in Stock.

---

**CUT FLOWER BOXES**
EDWARDS FOLDING BOX CO.
MANUFACTURERS
PHILADELPHIA, PA.

---

**PETER REINBERG**
WHOLESALE CUT FLOWERS
37 Randolph St., Chicago, Ill.
POEHLMANN BROS. CO.
33-35-37 Randolph St., CHICAGO

---

**CUT FLOWERS**
Greenhouses, Morton Grove, Ill.
George B. Hart
WHOLESALE FLORIST
24 Stone St., Rochester, N.Y.
The J. M. McCullough's Sons Co.

---

**CONSIGNMENTS SOLICITED**
Special attention to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. Price list on application.
Phone Main 584, 316 Walnut St., Chicago.

---

To Cut Flower Growers and Retail Florists

**IF YOU** want to find a market for your product
want a regular or special supply of the product of the best growers

Consult the Advertisements on these Wholesale Flower Pages

The Advertisers Represented Here are the Leading Concerns in the Wholesale Flower Trade

---

**WELCH BROS.**
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS

---

**BEST PRODUCED**

226 Devonshire Street,
Boston, Mass.

WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100
FOR DEALERS ONLY

<table>
<thead>
<tr>
<th>ROSES</th>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sept. 27</td>
<td>Sept. 26</td>
<td>Sept. 26</td>
</tr>
<tr>
<td>Amy, Beauty, Fancy and Special...</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Extra...</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Ex.</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Lower grades...</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>American, Long Stem...</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Lilly of the Valley...</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Chrysanthemums...</td>
<td>1.50</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>Gladiolus...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Asters...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Daisies...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Dahlias...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Sweet Peas...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Gardenias...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Iris...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Gladiolus...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Spathiphyllum...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td><strong>MISCELLANEOUS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cuttings...</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Lilies, Long Stem...</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Lilly of the Valley...</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Chrysanthemums...</td>
<td>1.50</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>Gladiolus...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Asters...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Daisies...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Dahlias...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Sweet Peas...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Gardenias...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Iris...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Gladiolus...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Spathiphyllum...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td><strong>Proprietary</strong>, (100 bchcs.)</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
</tbody>
</table>

---

**J.A. BULOCH**
82-84-86 E. Randolph St., Chicago
OUR STOCK IS A-I AND IT IS QUALITY NOT PRICES THAT TALKS

---

Chicago Flower Growers' Association
Wholesale Growers of Cut Flowers and Plants
176 N. MICHIGAN AVE., BETWEEN RANDOLPH AND LAKE STREETS, CHICAGO

---

HENRY M. ROBINSON & CO.
15 Province St., BOSTON, MASS.

---

TRY MY PRICES.
Tel. Main 5023-1.

J. JANSKY, Boston, Mass.
Manufacturers of Floral Wire Designs, All kinds of Florists Supplies.
New crop Dugger and Fancy Fresh, $1.75 per lb.; Green and Bronze Gala, 100 lb. per 100 lb.; the case, $7.50. Boxwood, 50 lb. case, $7.50 per lb. Laurel Wreaths, 10-in., $1.75 per doz.; 12-in., $2.25 per doz.; 14-in., $3.00 per doz.; 16-in., $4.50 per doz.; 18-in., Laurel Trimmings, $3.00 per yd.
Flower Market Reports

BOSTON

Lower temperature prevails than during the past few days, and killing frosts are a possibility at any moment almost. Carnations are responding to the better environment, and are increasing in quantity and improving in quality. Lady of the valley and cattleyas are in excellent demand, and the quantity of the latter is thus far below the needs of the market. Chrysanthemums are mainly confined to the Golden Glow variety, but a large vase of October Frost made its appearance at W. B. Horr this day. Asters are pretty near their finish, the bulk of the late bloom having been badly injured by the frost which came some ten days ago. Roses are getting softer and finish, and each day sees them more deserving of attention from the flower buyer.

With the outdoor market material drawing close to the end, prospects for new life in business is looked for at an early date. There was a slight frost some few nights ago, but no injury reported to any extent. Short-stemmed varieties and standards are gradually filling the market, and the warm days have a tendency to bring them on faster. Gladioli are shortening in supply, also asters, and they will not be needed until well into the summer. Roses are still all in good supply, and there are some choice Kaiscrins and President Carnots. Don Silences and coming forward, and violets have made their appearance.

The change in the market conditions is continuing gradually and trade has not experienced the sudden revival that many anticipated when September came. All lines of stock are selling as well as usual before a frost, even the few flowers left in the gardens affecting the local market.

BUFFALO

Field Grown CARNATION PLANTS

See our advertisement in Horticulture of Sept. 2.

We still have some fine plants of some of the varieties to offer.

Distributing Agents for the great new roses for 1912

Double White Killarney and Killarney Queen

Write for particulars and prices.

Orders booked now.

S. S. PENNOCK-MEEHAN CO.

NEW YORK

THE WHOLESALE FLORISTS OF

PHILADELPHIA

WASHINGTON

105 W. 28th Street

1608-1620 Ludlow Street

1212 New York Ave.

WHOLESALE FLOWER MARKETS.—TRADE PRICES—Per 100

ROSES

<table>
<thead>
<tr>
<th>CINCINNATI</th>
<th>DETROIT</th>
<th>BUFFALO</th>
<th>PITTSBURG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sept. 27</td>
<td>Sept. 27</td>
<td>Sept. 27</td>
<td>Sept. 27</td>
</tr>
<tr>
<td>Aa. Beauty, Aa. Sp. &amp; Sp.</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Aa. Carnations, Aa. Sp. &amp; Sp.</td>
<td>15.00</td>
<td>20.00</td>
<td>25.00</td>
</tr>
<tr>
<td>Aa. No.</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Richmond, Chrysanths, Aa. Sp.</td>
<td>6.00</td>
<td>6.00</td>
<td>6.00</td>
</tr>
<tr>
<td>Low Grade</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Killarney, Maryland, F. Sp. &amp; Sp.</td>
<td>6.00</td>
<td>6.00</td>
<td>6.00</td>
</tr>
<tr>
<td>Bride, &quot;A&quot;</td>
<td>6.00</td>
<td>6.00</td>
<td>6.00</td>
</tr>
<tr>
<td>Kaiscrin, Carnot, Taft</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>CARNATIONS, First Quality</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Ordinary</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
</tbody>
</table>

MISCELLANEOUS

<table>
<thead>
<tr>
<th>CINCINNATI</th>
<th>DETROIT</th>
<th>BUFFALO</th>
<th>PITTSBURG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sept. 27</td>
<td>Sept. 27</td>
<td>Sept. 27</td>
<td>Sept. 27</td>
</tr>
<tr>
<td>Carnations</td>
<td>20.00</td>
<td>20.00</td>
<td>20.00</td>
</tr>
<tr>
<td>Lilies, Longiflorum</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Lily of the Valley</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Chrysanthemum</td>
<td>25.00</td>
<td>25.00</td>
<td>25.00</td>
</tr>
<tr>
<td>Gladioli</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Asters</td>
<td>7.00</td>
<td>7.00</td>
<td>7.00</td>
</tr>
<tr>
<td>Dahlias</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Sweet Peas</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Gardenias</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Astilbaceae</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Sinalis</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Asparagus Flavus, All. (100)</td>
<td>8.00</td>
<td>8.00</td>
<td>8.00</td>
</tr>
<tr>
<td>&amp; Sprea (100 lbs.)</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
</tbody>
</table>

The class of last week was also very satisfactory. The Asters and Carnations filled the market with the opening of asters and gladioli, is tightening and some lines already bring a slightly higher price. The shipping business is good especially in greens, and includes also practically all lines of offerings in flowers. Local businesses seem brister for a long time. The supply of roses of all kinds continues strong and of excellent quality. The carnations, especially the lighter and white shades are rapidly rounding into shape. Lilies have become very good stock, and sales have improved. Some very good dahlias are meeting with a not over good market but as soon as the asters are completely out should sell better. A few chrysanthemums have put in an appearance and cleaned up quickly at top prices. The lilies of the valley are offered at good "sufficient" gives the grown goods market a wind.
HORTICULTURE

P. J. SMITH
Successor to JOHN I. RAYNOR
Wholesale Commission Florist
SELLING AGENT FOR
LARGEST GROWERS
The HOME OF THE LILY
TEL. 1998 MADISON SQUARE
49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—2812-2813 Madison Square

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY
ALWAYS ON HAND
GARDENIA, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, Tel. 759 55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th>Variety</th>
<th>Last Half of Week ending Sept. 23, 1911</th>
<th>First Half of Week beginning Sept. 25, 1911</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Beauty</td>
<td>15.00 to 10.00</td>
<td>12.00 to 10.00</td>
</tr>
<tr>
<td>Fancy Special</td>
<td>15.00 to 15.00</td>
<td>10.00 to 15.00</td>
</tr>
<tr>
<td>No.</td>
<td>6.00 to 8.00</td>
<td>5.00 to 6.00</td>
</tr>
<tr>
<td>Extra</td>
<td>3.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Killarney, N.Y.</td>
<td>2.00 to 3.00</td>
<td>1.00 to 3.00</td>
</tr>
<tr>
<td>Extra</td>
<td>4.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>1.00 to 4.00</td>
<td>1.00 to 4.00</td>
</tr>
<tr>
<td>Bride</td>
<td>2.00 to 3.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Kaelin, Carnot,</td>
<td>1.00 to 2.00</td>
<td>1.00 to 1.00</td>
</tr>
<tr>
<td>Taft</td>
<td>1.00 to 2.00</td>
<td>50 to 75</td>
</tr>
<tr>
<td>Carnations, First Quality</td>
<td>1.00 to 2.00</td>
<td>50 to 75</td>
</tr>
<tr>
<td>Ordinary</td>
<td>50 to 75</td>
<td>50 to 75</td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephones 1664-1665 Madison Square
CONSIGNMENTS SOLICITED

SIEBRECHT & SIEBRECHT
Wholesale Florists
136 W. 28th St., New York City

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers
54 West 28th St., New York
Prompt Payment. Telephone 3559 Madison 5a

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., New York
Shipments, any quantity, Wholesale Market Rates.

ROBERT J. DYSART
Public Accountant and Auditor
Simple methods of correct accounting especially adapted for Florists' use.
Books Balanced and Adjusted
Merchants Bank Building
28 STATE ST. . . . BOSTON
Telephone, Main 18

M. C. FORD
Successor to FORD BROTHERS
121 West 28th Street, NEW YORK
FINE ROSES, FANCY CARNATIONS
A Full Line of All CUT FLOWERS.
Telephone, 3370 or 3371 Madison Square

H. E. FROMENT
Wholesale Commission Florist, Choice Cut Flowers,
57 West 28th St. :: NEW YORK
Telephone: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send for quotations. Correspondence with shippers of first-class stock invited.
130 West 28th Street, New York
Telephones 4606-4607 Madison Square.

Edward C. Horan
Wholesale Florist
55 WEST 28TH ST.

Moore, Hentz & Nash
Wholesale Commission Florists
55 and 57 West 26th Street
Telephone No. 768 Madison Square, New York

Greater New York Florists' Association, Inc.
New Open for Cut Flower Consignments.
162 Livingston Street, BROOKLYN, N. Y.
Geo. W. Crawford, Telephone Connection Manager 3642-43 Main

WM. P. FORD—
Wholesale Florist
45 W. 28 Street, NEW YORK
Call and inspect the ESTABLISHMENT
in the Wholesale Flower District

THE KERVAN COMPANY
Fresh Cut Evergreens, Mosses, Southern Smilax, Galax and Leucathoe, Preserved and Fresh Cut
Krysan and Palmetto.
Tel. 1519 W. 1593 Madison Square. Open from 9 a.m. to 9 p.m.

REED & KELLER
122 West 28th St., New York
Florists' Supplies
We manufacture all our Metal Designs, Baskets, Wire Work & Novelities
and are dealers in Decorative Glassware, Greens and Florists' Newsletter

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ MARCUS L. GLASS
Corner Building, 55-57 West 26th Street
NEW YORK CITY
Telephone 7271 Madison Square. Open from 9 a.m. to 6 p.m.

Frank H. Treasody Charles Schock
TRAENDLY & SCHENCK
Wholesale Florists
131 West 28th St., New York
Telephones—756 and 757 Madison Square
Consignments Solicited

CENTRALLY LOCATED, THE HUB OF THE FLOWER MARKET SECTION
CHARLES MILLANG
Wholesale Florist
55 & 57 W. 26 ST., NEW YORK
Telephone 7063 Madison

Wired Toothpicks
Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000.... $1.75; 50,000.... $7.50. Sample free
For sale by dealers

The VARNA COMPANY
92 West 28th Street, New York
Telephones—1920 and 1921 Madison Square

H. E. FROMENT
Wholesale Commission Florist, Choice Cut Flowers,
57 West 28th St. :: NEW YORK
Telephone: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send for quotations. Correspondence with shippers of first-class stock invited.
130 West 28th Street, New York
Telephones 4606-4607 Madison Square.

Edward C. Horan
Wholesale Florist
55 WEST 28TH ST.

Moore, Hentz & Nash
Wholesale Commission Florists
55 and 57 West 26th Street
Telephone No. 768 Madison Square, New York

Greater New York Florists' Association, Inc.
New Open for Cut Flower Consignments.
162 Livingston Street, BROOKLYN, N. Y.
Geo. W. Crawford, Telephone Connection Manager 3642-43 Main

Flower Market Reports.

DETROIT

Many extensive store decreations for fall openings and weddings kept most of the stores very busy and put a more healthy price on cut flowers. It looks as though we may look forward to a short supply for a few weeks in the near future. A very encouraging report comes from St. Clemens, where the majority of our wholesale growers have some very up-to-date ranges.

NEW YORK

The genial weather continues to exercise its ungenial influence on the flower trade, and so long as dray loads of dahlias, cosmos and other garden products are a daily spectacle in the wholesale district not much change in conditions may be looked for. The same warm autumn days ago now are obtainable, today the dealer is sorely puzzled as to how to get rid of them. Violets have added their quota to the general accumulation. They are blooming more freely than would be expected under the circumstances, but are very pale in color, and there is very little demand for them. Carnation gradually improving and chrysanthemums getting more in evidence every day. Asters sheakling up and gladioli near their end.

PHILADELPHIA

Through a transitional period at present. The summer doldrums are over, of course, and the sanguine looked for the brisk fall business to commence at once. But the brisk fall business holds off. For a day or two off and on, we imagined that the brisk "brown end" was with us—and then we awakened to the sad fact that it was only a dream, due to the wish being father to the thought. Last week we had flowers to burn and no takers. The past two weeks was only a sample of the condition. For four days it was "nothing doing"—then Friday and Saturday we saw a pretty good clean-up on everything except roses. The latter, especially in pinks and whites, went a-begging; a big surplus. The red roses like Richmonds and Beauties fared better.

Some blamed the weather but while that was not ideal it was not so bad. The demand simply was not there in any department—that is all. The majority of the carnations are pretty short-stemmed and such stock hangs fire. Really good carnations meet with ready sale, but these are few. Dahlias are also proving to be exactly the same. All things considered it is surprising how these clean up when the enormous quantity coming in daily have to find a market—or the dump. Of course the prices on these are very moderate and this has its effect on all other flowers. Asters and gladioli on the worst, unrequired and a big drop. The only chrysanthemums arriving so far are early yellows and these find a fairly good market.

The general tone of the market during the past has shown a slight improvement and the trade is in a very expectant mood. Outdoor flowers are practically extinct and as a consequence the hot-house products are in demand. The prospects for a prosperous season appear very bright. Already many "coming outs" are scheduled, society is planning for a busy time this winter and many entertainments are on the programme. With this outlook the florists are feeling jilting and their only hope is that they can supply the demand. Carnations are coming slow and the demand far exceeds the supply. The quality is fair, but the stems are short and the average price is $1.50. Chrysanthemums of a very fair quality are on the market, bringing from $2 to $3 per dozen at wholesale with a good demand. Losses of a fine quality are very plentiful. Many of the florists are showing a fine crop of violets for this time of the year and they are worth a cent apiece at wholesale. Some very fine catleyas are available at $2 per dozen. Asters are running very poor. There is little demand for them.
ACCOUNTANT

H. J. Dyar, 28 State St., Boston.
For page see List of Advertisers.

ALTERANTHERAS

Chas. H. Totty, Madison, N. Y.
For page see List of Advertisers.

AMSIUM

Almus, double giant. Large 2-inch plants, 25c per 100. Jos. Trendl, Canandaigua, N. Y.

AKAURANIS


ARTIFICIAL FLOWERS

Markoe Bros. Importers and Manufacturers of Natural Ferns, Palm and Wax Roses, 354 Milwaukee Ave., Chicago, Ill. Phone Monroe 2228.

ASPARAGUS


A. N. Pienzen, Inc., Cromwell, Conn. For page see List of Advertisers.

Asparagus plumosus seedlings, clumps, sprays and seeds. Write for prices. Peter M. Leuthy, Florida, Fla.

Asparagus Sprengeri and Plumosus. Five extra strong stems, from 2 ft. to 3 ft. high, 15c per 100. 25c per 1000. 1.50 per 1000. Sell five cents in stamps for sample. Cash with order. Satisfaction guaranteed. Erdman & Urlich, Behar Road, Baltimore, Md.

ASTER NEED

Elmer D. Smith, Adrian, Mich. For page see List of Advertisers.

AZALEAS

P. G. Wooten, 110, Subkeen, N. J. For page see List of Advertisers.

Leuthy & Co., Roslindale, Mass. For page see List of Advertisers.

Loechner & Co., New York, N. Y. For page see List of Advertisers.

BAY TREES

A. Leuthy & Co., Roslindale, Mass. For page see List of Advertisers.

Bobbink & Atkins, Rutherford, N. J. For page see List of Advertisers.

Ray Trees and Box Trees, all sizes. Write for special list. Julius Rochee Co., Rutherford, N. J.

BEDDING PLANTS

Per 100

Achranthes, E. de Bouteillon, 2 in. $2.00

Golden St. John's Wort, 2 in. pots 2.00

Gerniums, S. 2 in. pots 2.00

Gerniums, Rose, 2 in. 2.00

Gerniums, Pink, 2 in. 2.00

Ageratum, Stella Gayer, rooted cuttings 45c. 60c.

Aster, Primrose Pufslide 5.00

Aurina, rooted cuttings 5.00

Begonia, rooted cuttings 5.00

Begonia, Parachute Major 5.00

Caladiums, rooted cuttings 5.00

Carnations, rooted cuttings 5.00

Crocus, rooted cuttings 5.00

Dianthus, rooted cuttings 5.00

Fuchsia, rooted cuttings 5.00

Geranium, rooted cuttings 5.00

Haven's Double Pink Bee 4.00

Haven's White 4.00

Ivy, German, cuttings 4.00

Vinca, rooted cuttings 4.00

$2.00 doz. $12.00 per 100

THE GET WITTHOLD CO.

Eugene, Chicago, Ill.

BOEGONAS

Leuthy & Co., Roslindale, Mass. For page see List of Advertisers.

Thomas Roland, Nahant, Mass. Lorraine Begonias. For page see List of Advertisers.

BOILERS

Kromschroeder Bros. Co., 465 Erie St., Chicago, Ill. For page see List of Advertisers.

BOIVLDICAN

John W. Foote, Reading, Mass.

BONNET SPRAYS


BONWOOD TREES


Bobbink & Atkins, Rutherford, N. J. For page see List of Advertisers.

A. Leuthy & Co., Roslindale, Mass. For page see List of Advertisers.

Julius Rochee Co., Rutherford, N. J. For page see List of Advertisers.

BOXES—CUT FLOWER—FOLDING

Edwards Folding Box Co., Philadelphia. For page see List of Advertisers.

Finding cutting boxes, the best made. Write for list. Holton & Hunkel Co., Milwauk, Wis.

BULBS AND LADIES

Joseph Breck, 47-54 Market St., Boston.

French and Dutch Bulbs. For page see List of Advertisers.


A. T. Heddington, 342 W. 14th St., N. Y. For page see List of Advertisers.

Rickards Bros., 37 East 10th St., New York. For page see List of Advertisers.


T. J. Grey & Co., No. Market St., Boston. For page see List of Advertisers.


Howard Breck, 1192 Broadway, New York. For page see List of Advertisers.

James Vick's Sons, Rochester, N. Y. For page see List of Advertisers.

Loechner & Co., New York, N. Y. For page see List of Advertisers.

John Lewis Cutting, Flowerfield, L. I. For page see List of Advertisers.

CANNAS

H. Vincent Jr. & Sons Co., White Marsh, Md. For page see List of Advertisers.

CARNATIONS—Continued

Wood Bros., Flushing, N. Y. For page see List of Advertisers.

Carnations—Feld grown Enchantress, white and pink Labor Day, $4.00 per 100.冷冷. M. J. Schuettling, N. Y.

CARNATION PLANTS—Field grown Enchantress, white and pink, $6.00 per 100. Cash. M. J. Schuettling, N. Y.

CARNATIONS—FIELD GROWN—ENCHANTRESS, white, $5.00 per 100. Cash. M. J. Schuettling, N. Y.

CARNATIONS—FIELD GROWN—ENCHANTRESS, white, $7.00 per 100. Cash. M. J. Schuettling, N. Y.

CARNICATION CLIPS

E. H. Hunt, Chicago, Ill.

CARNOET STAPLE

Pillsbury's Carnation Staple, 50c, per 1000, postpaid, L. L. Pillsbury, Galesburg, Ill.

CHRYSANTHEMUMS

Elmer D. Smith, Adrian, Mich. For page see List of Advertisers.

Herrington's book on the Chrysanthemum mailed to you for $1.00, by Hurtlecote Publishing Co., 11 Hamilton Place, New York.

Chrysanthemum, rooted cuttings, Monrovia, Polky Rose, $12.00 per 100. Violets, Princess of Wales, $6.00 per 100; $2.00 per 100. Cash. Lenker, Freeport, L. I., N. Y.

CINARETAS

Cinerarias, best strain dwarf, 1 1/2 in., $2.00 per 100; 3 1/2 in., $5.00 for 100. J. C. Schmitt, Beloit, Wis.

COCONUT FIBRE SOIL

20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

CYCLAMENS

Cyclamen—Best Varieties in different colors, 3 inch pots, $1.50 per 100; $3.00 per 100. 200 per 100, $8.00 per 100. Julius Rochee Company, Rutherford, N. J.

DAHLIAS

Herbert, Acta, N. J. For page see List of Advertisers.

R. Vincent, Jr. & Sons Co., White Marsh, Md. For page see List of Advertisers.

Double Daisies (Bolus), mixed, 8-10 in., $1.00 per 100, $4.00 per 100. B. Saunders Co., 25 Burnett St., Providence, R. I.

Dahlias—250 field clumps, latest varieties, cheap for cash; or what have you to exchange. Geo. H. Walker, Urha, Ex- Pert, North Diablo, Mass.

Dahlias, divided roots, from 1 to 3 eyes on the plate, send list and get the latest varieties. W. R. LOTTHROP, Brock- ton, R. I., Blue Fern Farm, E. Lake, Mass.

DAHLIAS NEW FOR 1911

Dorothy Peacock, Mrs. J. Gardner Cassett, Garden Wedding, Cautal Dahlias, etc. 46 per bag of cut flower Dahlias. Write for surplus list and special Peacock Peacock, Holton & Hunkel Co., 1st and Washington Junction, N. J., Post Office, Reading, N. J.

For List of Advertisers See Page 485
FLORENS'S SUPPLIES

N. F. McCarthy Co., 81 Hewson St., Boston, Mass.
For page see List of Advertisers.

H. R. Robinson & Co., 45 Sherman St., Hartford, Conn.
For page see List of Advertisers.

For page see List of Advertisers.

H. Bayersdorfer & Co., 1127 Arch St., Philadelphia.
For page see List of Advertisers.

For page see List of Advertisers.

FLOWER POTS

For page see List of Advertisers.

For page see List of Advertisers.

Hilfinger Bros., Ft. Edward, N. Y.
For page see List of Advertisers.

Syracuse Pottery Co., Syracuse, N. Y.
For page see List of Advertisers.

Flowers & Reed Pottery Co., Tarrytown-on-Hudson, N. Y.
For page see List of Advertisers.

FORGET-ME-NOTS

Forget-me-nots, 1500 Royal Blue, 2 1/2 in.,
pots for 2000, 3 1/2 in., large sizes,
$2.00 per 100. Cash. M. P. Saunders
Co., 25 Burnett St., Providence, R. I.

FRUIT TREES

Dwarf Fruit Plants, and A. W. Waugh
mailed to your address for 55 cents by
Horticulture Publishing Co., 11 Hamilton
Place, Boston.

GALAX

Michigan Cut Flower Co., 38 and 40 Broad
way, Detroit, Mich.

For page see List of Advertisers.

GERANIUMS

R. Vincent, Jr. & Sons Co., White Marsh,
Md.

For page see List of Advertisers.

GERANIUMS NOT, Poltevine, Richard, Per-
kins, Volland, Hurd, Rose, Ivy Rooted
cuttings, $1.00 per 100; $10.00 per 1000.
Edward Wallis & Co., Berlin, N. J.

GLADIOLUS

100 bulbs, $1.50 each.

Frank Bobinsky, Hamburg, O.

Gladiolus, New Gladiolus.

For page see List of Advertisers.

SLIVER TROPHY and FLORIST MIXTURE Gladi-
olus bulbs, 10,000, large also small sizes,
for sale in to 50c. Spencer, 50 Cou-
greve St., Roslindale, Mass.

GLASS

Boston Plate & Window Glass Co., Boston.

For page see List of Advertisers.

Standard Plate Glass Co., 26-30 Dudley
St., Boston.

For page see List of Advertisers.

Poley Mfg. Co., Western Ave., between
Bowen and Curly, Chicago.

For page see List of Advertisers.

Sharp, Partridge & Co., 22d and Lumber
St., Chicago.

For page see List of Advertisers.

Parshley Bros., Inc., 59 Montrose Ave.,
Rochester, N. Y.

For page see List of Advertisers.

Metropolitan Material Co., 1312-1402 Met-
ropolitan, Boston, Mass.

For page see List of Advertisers.

Greenhouse glass, lowest prices. John-
stone Glass Co., Hartford, Conn.

GLAZING POINTS

H. M. Bros., Chicago, Ill.

For page see List of Advertisers.

H. C. Glaze, Atlanta, Ga.

For page see List of Advertisers.

GREENHOUSE BUILDING MATERIAL—


Peachy Cypress for Screens.

For page see List of Advertisers.

Lord & Burnham Co.,
1133 Broadway, New York.

For page see List of Advertisers.

J. A. Jacobson & Sons, 156-21 Plunkett Ave.,
Brooklyn, N. Y.

For page see List of Advertisers.

GUTTERS

King Construction Co., N. Tonawanda, N. Y.

For page see List of Advertisers.

A. T. Stearns Lumber Co.,
Chicago, Ill.

For page see List of Advertisers.

HAIL INSURANCE

Mortenson's Hall, Waterloo, Iowa.
J. G. Eeber, Saddle River, N. J.

For page see List of Advertisers.

HARDY FLOWERS AND SUPPLIES


For page see List of Advertisers.

Michigan Cut Flower Exchange, 26 and 40
Broadway, Detroit, Mich.

For page see List of Advertisers.

The Kress Co., Chicago, Ill.

For page see List of Advertisers.

J. Jansky, Boston, Mass.

For page see List of Advertisers.


For page see List of Advertisers.

HEATING APPARATUS

Kroeschel Co., Co., Buffalo, N. Y.

For page see List of Advertisers.


For page see List of Advertisers.

Rohlik & Atkins, Walnut, Mass.

For page see List of Advertisers.

HEMMERIULLI, V.

Brattli, 835 Washington St., Boston.

For page see List of Advertisers.

HAPPY SHARE

A. T. Stearns Lumber Co., N. Tonawanda, N. Y.

For page see List of Advertisers.

HOTBEDS

A. T. Stearns Lumber Co., N. Tonawanda, N. Y.

For page see List of Advertisers.


For page see List of Advertisers.

Lord & Burnham Co.,
1133 Broadway, New York.

For page see List of Advertisers.

Parshley Bros., Brooklyn, N. Y.

For page see List of Advertisers.

Lord & Burnham Co.,
1133 Broadway, New York.

For page see List of Advertisers.


For page see List of Advertisers.


For page see List of Advertisers.

Rohlink & Atkins, Walnut, Mass.

For page see List of Advertisers.

E. J. Pennock-Meehan, Land-Lime,
$1.50 each, Leutby Co.,
620 N. Taylor St., Chicago.

For page see List of Advertisers.

HYDANGEAS

F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

For page see List of Advertisers.

HYDROCOTON


For page see List of Advertisers.

HYPHITLIC SASH

A T. Stearns Lumber Co., N. Tonawanda, N. Y.

For page see List of Advertisers.


For page see List of Advertisers.

Parshley Bros., Brooklyn, N. Y.

For page see List of Advertisers.


For page see List of Advertisers.

HYDROGENS

E. & A. Steel, Chicago, Ill.

For page see List of Advertisers.

HYPOCHLORITE

E. H. Hunt, Chicago, III.

For page see List of Advertisers.

Aphlone Manufacturing Co., Madison, N. J.

For page see List of Advertisers.

IOTICIDES

E. H. Hunt, Chicago, Ill.

For page see List of Advertisers.

Baker Manufacturing Co., Chicago, Ill.

For page see List of Advertisers.

CUTICIDES

E. H. Hunt, Chicago, Ill.

For page see List of Advertisers.

IOTICIDES

E. H. Hunt, Chicago, Ill.

For page see List of Advertisers.
PIPE AND FITTINGS
Foley Mfg Co., Chicago.

HORTICULTURE
Boboken, Boddington, A 111. Nits. McCarthy inilden Advertiser 2tt Michel other IT Campbell, Y. Y. J. pel 1 In... Advertiser. Wabash Massangeana, per Wales, 11111. i 11 Excelsa, BNTILATING stick, in Robinson In. C. 7 Hailing, please. kindly Advertiser. In Bolgiano Co., Advertisin< Withers, Atkins, iiunkei Wandering 3 List Hells, No. 100; Advertises. 1.75 Morse Advertisers. Adis. List in- in... shrubbery, planking. in... S. Irwlu Co., and Advertisers J. Cowee. Burnett

PRESS
Primusse, 24 in. $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

PRIMA MALACOIDES
Arthur T. Dickinson, New York, N. Y. For page see List of Advertisers.

PRIVET
Ridley Park Nurseries, Ridley Park, Pa. For page see List of Advertisers. California Privet, any quantity, size, size. Others any ours is the best grown. Write for prices; also on shrubbery, ornaments, fruit trees, asparagus, etc. Franklin Davis Nurseries Co., Baltimore, Md.

ROHDDENBRON

RUBBINS & CHIFFON
M. Rice & Co., 1220 Race St., Phila., Pa. For page see List of Advertisers.


ROSES

EASTERN NURSERIES
Kansas, Ithaca, N. Y. For page see List of Advertisers. S. S. Pinner, Chicago, Ill. For page see List of Advertisers.

SEEDS
T. J. Tracy Co., 52 So. Market St., Boston. For page see List of Advertisers. Joseph Breck & Sons $1 and 52 East 116th St., Cleveland, Ohio. For page see List of Advertisers.

SEED GROWERS
Brassed Seed Growers Co., San Jose, Cal. 4th St. and Mission St., San Francisco, Calif. For page see List of Advertisers.

SWEET WILLIAMS
Sweet Williams, Holborn Glory; Dun- nett’s crimson, double daisy, dianthus, rose colors, mixed. August sow seedlings, good stock, 25c per 100; $2.00 per 1000. Cash. Mail orders accepted. C. J. Ashman, Amos, Conn.

TREE RENOVATION

VALLEY PIPS
Hjalmar Hartmann & Co., Copenhagen, Denmark. For peace see List of Advertisers.

VEGETABLE PLANTS
Fox & Hall Nursery Co., Wakefield, Vt. Tomato, Cabbage and Lettuce Plants. For page see List of Advertisers.

VINES
VINCA VARIEGATA, Strong field grown, each. 100. Vern L. Schlafer, Erie, Pa.

VIOLETS
GOV, HERRICK & CO., Strong, 4 in. in pot; 100. Each 6c. Will exchange for Princess of Wales, 50c per pot. Vern L. Schlafer, Erie, Pa.

WAREHOUSE
Reed & Keller, 122 W. 29th St., N. Y. For page see List of Advertisers.

WIREWORK
Chicago, 122 W. 29th St., N. Y. For page see List of Advertisers.

WOOD PRESERVATIVE

WHOLESALE FLORISTS

WIREWORK
W. J. Covre, Berlin, N. Y. For page see List of Advertisers.

WOOD PRESERVATIVE

In writing to Advertisers kindly mention Horticulture
THE NEW MINERAL FERTILIZER

Will produce
MORE and
LARGER FLOWERS
and of better color than any plant food ever put on the market.

Contains all the original elements of virgin soil.

The above cut shows hollyhocks, nine feet six inches high, with more blossoms and of better color than ever produced by any other fertilizer.

Write for catalogue and testimonials.

THE NEW MINERAL FERTILIZER CO.
19 EXCHANGE PLACE, BOSTON, MASS.

To-Bak-Ine Products Kill Bugs
You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—Free).

Use any form you choose but buy it of
E. H. HUNT, 131 N. Wabash Avenue, Chicago

WHOLESALE FLORETS—Continued

New York
M. C. Ford, 121 W. 28th St., New York For page see List of Advertisers.
H. E. Proamnt, 57 W. 28th St., New York For page see List of Advertisers.
E. C. Horan, 55 W. 28th St., New York For page see List of Advertisers.
A. H. Langfahrt, 130 W. 28th St., New York For page see List of Advertisers.
James McSweeney, 55 W. 28th St., New York For page see List of Advertisers.
W. F. Sheridan, 133 W. 28th St., New York For page see List of Advertisers.

Chicago
A. H. H. Kuebler, 27 Willoughby St., Brooklyn, N. Y.

For page see List of Advertisers.

Greater New York Florists' Association, 102 Livingston St., Brooklyn, N. Y. For page see List of Advertisers.
A. L. Young & Co., 55 W. 28th St., N. Y. For page see List of Advertisers.

The Best Bug Killer and Bloom Saver

For PROOF Write to
P. R. Palethorpe Co.
OWENSBORO, KY.

KILMDEAD

Killing the best of all the tobacco dusts for

Dusting or Fumigating

Holds Firmly

Stays in the Point 22

FEATHERLESS Glazing Points are the best. No rights of Left. Box of 1,000 $1.00; box of 250 $0.75.

Rosemary Holt, 20 Battery St., New York.

Cattle Manure in Bags

Shredded or Pulverized

Pure—dry—uniform and reliable

The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

Just the remedy for the black aphid on chrysanthemums—red spider and thrips on carnations—green fly on roses—mealy bug on gardenias and crotons—scale on ferns, palms and other decorative stock.

$1.50 per gallon, 250 per quart.

Thornfly
Thornfly has no equal for carnation rust, rust on chrysanthemums and mildew on roses.

$2.00 per gallon, 75c. per quart.

There is but one convincing way for you to become familiar with the merits of Alpine and Fungicide, and that is—test them out yourself—it will prove worth your while.

MANUFACTURED BY

APHINE MANUFACTURING COMPANY
MADISON, N. J.

Imp Soap Spray

Clean and odorless. Forms invisible films.
Non-corrosive. Usual effective strength, one to thirty two.

Single gallons, $1.50
In barrels, $1.00

Eastem Chemical Company
Pittsburg Street
BOSTON

Wilson Plant Oil & Fertilizer Company
150 Nassau Street, NEW YORK CITY
Horticultural Supplies

Write for our special Catalogue N.

Cocoanut Fiber Soil

Is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

20th CENTURY PLANT FOOD CO.,
27 Ocean St., Beverly, Mass.
Landscape Gardening

**ADVERTISING SERVICE.** McFarland Publicity Service, Harrisburg, Pa.

FOR SALE

FORSYTH CUBE SEED, 1 in., 2 in., 3 in., Reedsburg and Sprenger Seedsmen; or 2 1/2 in., for selected young variety, 1 1/4 oz., A. H. Erwin & Co., St. Paul, Minn. (Best root cuttings, 1st quality.) TAKE THIS OFFER SERIOUSLY! Money refunded if not satisfied.

FOR SALE—Four acres of swimming land, suitable for cottage and boat house; beautiful views, in excellent location, one mile from college, also fine fruited peach orchard. For sale.

FOR SALE—Large greenhouse, including house, 100 varieties of flowers, fruit trees, etc., at very low price, for a quick sale. Third floor, 122 South 1st Street, New London, Wis.

FOR SALE—Flora, Inc., 1518-1520 South 1st Street, New London, Wis. Large greenhouse, 100 varieties of flowers, fruit trees, etc., at very low price. Third floor, 122 South 1st Street, New London, Wis.

FOR SALE—Large greenhouse, including house, 100 varieties of flowers, fruit trees, etc., at very low price, for a quick sale. Third floor, 122 South 1st Street, New London, Wis.

FOR SALE—Large greenhouse, including house, 100 varieties of flowers, fruit trees, etc., at very low price, for a quick sale. Third floor, 122 South 1st Street, New London, Wis.

FOR SALE—Large greenhouse, including house, 100 varieties of flowers, fruit trees, etc., at very low price, for a quick sale. Third floor, 122 South 1st Street, New London, Wis.
Semi-For Catalogue

KROESCHELL BOILER
Half the Coal and Half the Work.

"Your No. 13 boiler is carrying 25,000 sq. ft. of glass and I can keep it at 90 degrees in the coldest weather without any trouble. I have three other types of boilers also heating a range of 25,000 sq. ft. of glass, but the No. 13 Kroeschell Boiler ONLY TAKES HALF THE COAL and half the work to get the same results." J. G. FRISZ, Vincennes, Ind.

P. S.—Mr. J. G. Frisz, of Vincennes, Ind., has the largest range of glass in Indiana devoted to vegetable forcing.

KROESCHELL BROS. CO., 466 W. Erie St., Chicago, Ill.

FOR "POT LUCK" TRY US...

POT MAKERS FOR 140 YEARS — WORLD'S LARGEST MANUFACTURERS

Write for Catalogue and Discount

A. H. HEWS & CO., Inc.

Main Office and Factories

CAMBRIDGE, MASS.

DRÉER'S Florist Specialties. New Brand, New Style Hose "RIVERTON" Furnished in lengths up to 500 ft. without seam or joint.

The Hose for the Florist

1-inch, per ft., 15 c.
Reel of 500 ft., 14 c.
6-inch, per ft., 14 c.
Reel of 100 ft., 13 c.
Spigot furnished.

HENRY A. DRÉER
714 Chestnut St.

SUGERS & SIGGERS
PATENT LAWYERS
Box 9, National Union Building
Washington, D. C.

ALL THE CLAY for our Florist's Red Pots is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots, order from us.

The Peters & Reed Pottery Co.
Eastville, 1909

Greenhouse Material and Sash
Of Every Description
Get our Prices and Catalogue.

S. JACOBS & SONS
Est. 1850-1855 Flushing Ave.
BROOKLYN, N. Y.

In ordering goods please add "I saw it in HORTICULTURE"

KING GREENHOUSES

THE BEST IS NONE TOO GOOD FOR YOU, SO GET THE BEST. WRITE FOR OUR BULLETINS AND QUESTION BLANKS. EXPRESS YOUR REQUIREMENTS.

KING CONSTRUCTION CO.

Home Office and Factory
N. TONAWANDA
N. Y.

Eastern Sales Office
No. 1 MADISON AVE.
NEW YORK

1000 READY PACKED CRATES

STANDARD FLOWER POTS AND BULB PANS can be shipped at an hour's notice. Price per crate:

2000 1½ in. @ $6.00 500 4 in. @ $4.50
1500 2 " 4.88 450 4½ " 3.24
1500 2½ " 5.35 375 5 " 4.51
1500 3 " 6.00 300 5½ " 5.78
1000 3½ " 6.80 150 6 " 6.20
800 4½ " 7.80 60 6½ " 7.30

HILFINGER BROS., Pottery, Fort Edward, N. Y.
August Roller & Sons, 37 Barley St., N. Y. City Agents.
OUR SPECIALTY—Long distance and export trade.

Syracuse Red Pots

"A little pot is soon hot," likewise a chip pot. This will save you fuel. Our pots are the thinnest and toughest owing to the superior quality of the clay. New price list on application.

Syracuse Pottery Co., Syracuse, N. Y.

STANDARD FLOWER POTS

If your greenhouses are within 50 miles of the Capitol, write us, we can save you money.

W. H. ERNEST
280 & M Sts., Washington, D. C.

In ordering goods please add "I saw it in HORTICULTURE."
LOUISIANA RED CYPRESS
GREENHOUSE MATERIAL
STEEL, GUTTERS, TRUSSES,
PURLINS, PIPE, FITTINGS, GLASS,
PRIVATE AND CONSERVATORY
WORK A SPECIALTY.
The Foley Manufacturing Co.
Western Ave. and 26th St., CHICAGO

GLASS
*Cheap as Dirt
Have you had any prices on greenhouse glass, lately?
Write us at once for our quotations.
We'll surprise you.
Take advantage of the drop and book orders for future deliveries.
Our glass all new and fresh from factory.
Hot-bed sash and greenhouse material, dropped too.
PARSHESKY BROS., CO.
56 Montrose Ave., BROOKLYN, N.Y.

CYPRESS SASH BARS
32 feet or longer
HOT BED SASH
PECKY CYPRESS BENCH LUMBER
GREENHOUSES ERECTED AND EQUIPPED COMPLETE IF DESIRED
Write for Circular "D" and Prices
The A. T. Stearns Lumber Co.
NEPONSET, BOSTON, MASS.

It Stands to Reason
that a Ventilating Apparatus
that is roller-bearing and self-lifting, durable and simple,
will give perfect satisfaction.
The ADVANCE APPARATUS combines all of
these features and others of importance.
Write for descriptions and prices.
THE ADVANCE CO., Richmond, Ind.
GREENHOUSE CONSTRUCTION
LUMBER
John C. Moninger Co.
117 E. Blackhawk St., CHICAGO.

Special Sash Offer
Expires October 6th
Up to that time you can buy our "Sash That Last"
at a special price in lots of 25, 50, 100.
After the 6th they will cost you the regular price.
Money saved you know is money made.
Here is your chance to do both.
25 sash for $1.05 each — 50 sash for $1.02% each — 100 sash for $1.00 each.

We have been making them by the
thousand lately and can ship small
or large lots promptly.
Lord and Burnham Co.
FACTORIES: IRVINGTON, N.Y. -- DES PLAINES, ILL.

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.
CHICAGO, ILL.

When Writing to Advertisers Please Mention
HORTICULTURE.
GOOD JOBS FOR GOOD MEN

The growing importance of the horticultural trades is strikingly shown by the demand for trained men who are familiar with the greenhouse, nursery and seed businesses. We could use, or place with our clients, at least a dozen good men if we knew where to find them. Some of the openings that offer unusual opportunities, details concerning which can be obtained by writing us, are as follows:

COPY MEN.—For our own staff. The first requirement is the ability to write clear, concise, convincing English—and consequently experience on a daily paper is almost necessary. Another essential is love of the things that grow and a successful record in growing plants, trees and shrubs, commercially or otherwise. Further, it is highly desirable to have had training in the sales department of some business—preferably, of course, in one the product of which is sold to the classes of people who buy fruits or ornamentals. Only young men can be considered, and good health, clean habits, ability and willingness to do a lot of hard work, are some of the necessary qualifications.

PARTNER IN NURSERY.—For one of the best greenhouse and nursery plants in the country—50,600 feet of glass and 130 acres. A competent man who possesses good business ability will be sold a half interest at a fair price and on reasonable terms. Locality is unexcelled for growing many kinds of nursery stock.

CORRESPONDENCE CLERK.—For leading nursery, growing fruit and ornamental trees, etc., in large quantities, and selling both at retail and wholesale. The business of this firm is growing by leaps and bounds, and there is no better opening for a young man of energy, adaptability and some experience in the right line.

OFFICE MANAGER.—For another prominent firm of nurserymen. A man who knows book-keeping, office systems, filing methods, etc., and who is thoroughly up-to-date, will find this the chance of a lifetime. "Has been" and fellows who know it all need not apply, however,—a "live wire" with executive ability is required.

SHIPPING FOREMAN.—For great eastern fruit-tree nursery. A fine position for men of good habits and clear record. No booze-fighters or lazybones will be considered. Knowledge of varieties and of good and bad trees an absolute essential—also ability to handle and hustle men.

Write us fully if any of these openings appeal to you. Your communications will have prompt attention.

The McFARLAND PUBLICITY SERVICE
Specialists in Horticultural Advertising
HARRISBURG, PENNSYLVANIA
Decorative Dahlia Golden West
Wedding Whispers

CUPID IS ON THE JOB. MARRIAGE LICENSE CLERKS ARE RUSHED TO DEATH. ASK US THE RIGHT WAY TO GET MARRIED. WE KNOW.

M. RICE & CO.
The Leading Florists' Supply House and Ribbon Specialists
1220 Race Street, PHILADELPHIA
CATALOGUE ON REQUEST.

AT THE BALTIMORE CONVENTION
WE RECEIVED MORE AWARDS FOR RIBBONS, CHIFFONS AND CORSAGE ACCESSORIES THAN ALL OTHER EXHIBITORS COMBINED

We do not emphasize this in a boastful spirit but to prove that our claims are substantiated by those competent to judge.

It will be to your interest to keep constantly in touch with our line.

Wertheimer Brothers, 565-567 BROADWAY, New York
At Prince Street
The National Floral Ribbon House

Boston Ferns

<table>
<thead>
<tr>
<th>Size</th>
<th>Price per 100</th>
<th>Price per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>4½ inch</td>
<td>$30.00</td>
<td>$300.00</td>
</tr>
<tr>
<td>5½ inch</td>
<td>$40.00</td>
<td>$400.00</td>
</tr>
</tbody>
</table>

Nephrolepis Whitmanii

<table>
<thead>
<tr>
<th>Size</th>
<th>Price per 100</th>
<th>Price per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>2½ inch</td>
<td>$3.00</td>
<td>$30.00</td>
</tr>
</tbody>
</table>

Nephrolepis Magnifica

<table>
<thead>
<tr>
<th>Size</th>
<th>Price per 100</th>
<th>Price per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>2½ inch</td>
<td>$5.00</td>
<td>$50.00</td>
</tr>
<tr>
<td>3½ inch</td>
<td>$7.50</td>
<td>$75.00</td>
</tr>
</tbody>
</table>

We stand back of our goods and guarantee safe arrival of shipments to all parts of United States and Canada.

HENRY H. BARROWS & SON
Whitman, Mass.

Box Trees

and other EVERGREENS for Tubs and Boxes

Our Prices are Always Right—Catalog Free

THE NEW ENGLAND NURSERIES, Inc.
BEDFORD, MASS.

DIRECT IMPORTATIONS

Bay Trees, Kentian, Azaleas, Valley Pips, Roses, Rhododendrons, Boxwood, Manetti, Evergreens, Jap. Lilies, Raffia, etc., etc.

Nursery stock from Franche, Holland, England and Japan.

McHutchison & Co. 17 Murray St. New York, N. Y.

Araucaria Excelsa

5 in., 3 to 4 tiers, 40c. and 50c.; 5½ to 6 in., 4, 5 and 6 tiers, 60c., 75c. and $1.00; 7 in., 25, 50, 40 and 50 in. high, for lawns and porches, $1.50 to $200.

Cash with order, please.

Godfrey Aschmann
Wholesale Grower, Shimer and Importer of Pot Plants.

1012 West Ontario St., PHILADELPHIA, PA.
CANNAS
We have an excellent prospect of a fine crop of roots for next season delivery, at $2.00 per 100, $15.00 per 1000, and up. Can furnish you 50,000 roots of some kinds.

READY FOR IMMEDIATE SHIPMENT

<table>
<thead>
<tr>
<th>2 in.</th>
<th>3 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>per 100</td>
<td>per 100</td>
</tr>
<tr>
<td>Alyssum, Giant Double</td>
<td>$2.00</td>
</tr>
<tr>
<td>Achrysanthes, Emerald</td>
<td>$3.00</td>
</tr>
<tr>
<td>Alternanthera, 6 varieties</td>
<td>$5.00</td>
</tr>
<tr>
<td>Coleus, Golden Bedder, Verschaffeltii</td>
<td>$3.00</td>
</tr>
<tr>
<td>Geraniums, Standard Varieties</td>
<td>$3.00</td>
</tr>
<tr>
<td>Heliotrope, Chiffalet</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

Lemon Verbena, 10 Varieties...
Lantana, 10 Varieties...
Mouronines, Nectarina...
Petunias, Double Mixed...
Salvia, Bonpland and Zucchini...
Senecio Scandens, Parlor Ivy...
Swanison, Alba...
Tradescantia, Zebrina multicolor...

R. VINCENT, JR., & SONS CO., White Marsh, Md.
Growers of Plants for the Trade

NEW ROSES
Originated by Jackson Dawson
Lady Duncan, Dawson, Daybreak, Farquhar, William Egan and Minnie Dawson

WRITE FOR PRICES

We carry a very large stock of Fine Conifers, Deciduous Trees and Shrubs and Hardy Herbaceous Perennials
Send for Our New Illustrated Catalogue

EASTERN NURSERIES
JAMAICA PLAIN, MASS.

ROSES
OWN ROOT—FINE STOCK
White Killarney from 3 in. pots...$8.00
Richmond
Pink Killarney, Chatenay, Kaiserin, Perles, Sunrise, Sunset, from 3 inch pots...
Bride, Bridesmaid, Golden Gate...
$60.00 per 1000, $7.00

Grafted
Fine Stock, 3 inch pots
Pink Killarney, White Killarney, Bride, Bridesmaid, Kaiserin, My Maryland...
$15.00 per 1000

WOOD BROS., Fishkill, N.Y.

CARNATIONS
F. DORNER & SONS CO.
LA FAYETTE, IND.

Chicago Carnation Co.
30 E. Randolph St.

CHICAGO - ILLINOIS

LOECHNER & CO.
JAPANESE LILIES
LILY OF THE VALLEY PIPS
PALMS, AZALEAS, &c.
11 Warren Street, New York, N.Y.
Write for quotations

CARNATIONS
FIELD GROWN
FINE, HEALTHY STOCK

Per 100
Per 100

Beacon $7.00
Bay State
Georgia
Mrs. T. W. Lawson
Red Lawson
Vegetated Lawson
Winsor
Crimson Beauty

CARNAATIONS
FIELD GROWN
ENCHANTRESS AND WINSOR $8.00 per 100

500 Jerusalem Cherries
Field-grown, ready for 5 and 6-inch pots.

FINE LOT OF CALIFORNIA PRIVET $25.00 to $35.00 per 1000

FIELD GROWN

Ridley Park Nurseries
Ridley Park, Pa.

LORRAINE BEGONIAS
Strong 2½ in. stock, ready for 3½ in. Per 100, $15.00; 250 at $14.00 per 100.

THOMAS ROLAND, Nahant, Mass.

DANIELS
200,000 field clumps at $3.00 per 100, $40.00 per 1000 and up. Write us for list. Let us book your order so as to be sure of the varieties.

HALL'S HONEYSUCKLE
5½ inch pot grows, very bushy, excellent for Fall planting, $2.50 per doz.; $20.00 per 100.

JAPANESE VARIEGATED, same price.

ELMER D. SMITH & CO.
ADRIAN, MICH.

HORTICULTURE

October 7, 1911

APRIL

LEAVES

ASPARAGUS HATCHER
The new Asparagus. Beats the old plum-

POWERS & WILSON

A. N. Pierson, Inc.
CROMWELL, - CONN.

PRINTING
Fruitmen, Horticulturists and Flowermen

BROOKLYN, N. Y.

ALFRED L. MILLER
Jamaica Ave., Opp. Schenck Ave.
Brooklyn, N. Y.

PALMS, FERNS AND
DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 4800 Bedford

ASPARAGUS HATCHER
The new Asparagus. Beats the old plum-

POWERS & WILSON

A. N. Pierson, Inc.
CROMWELL, - CONN.

PRINTING
Fruitmen, Horticulturists and Flowermen

BROOKLYN, N. Y.

ALFRED L. MILLER
Jamaica Ave., Opp. Schenck Ave.
Brooklyn, N. Y.

PALMS, FERNS AND
DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 4800 Bedford

ASPARAGUS HATCHER
The new Asparagus. Beats the old plum-

POWERS & WILSON

A. N. Pierson, Inc.
CROMWELL, - CONN.

PRINTING
Fruitmen, Horticulturists and Flowermen

BROOKLYN, N. Y.

ALFRED L. MILLER
Jamaica Ave., Opp. Schenck Ave.
Brooklyn, N. Y.

PALMS, FERNS AND
DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 4800 Bedford

ASPARAGUS HATCHER
The new Asparagus. Beats the old plum-

POWERS & WILSON

A. N. Pierson, Inc.
CROMWELL, - CONN.

PRINTING
Fruitmen, Horticulturists and Flowermen

BROOKLYN, N. Y.

ALFRED L. MILLER
Jamaica Ave., Opp. Schenck Ave.
Brooklyn, N. Y.

PALMS, FERNS AND
DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 4800 Bedford

ASPARAGUS HATCHER
The new Asparagus. Beats the old plum-

POWERS & WILSON

A. N. Pierson, Inc.
CROMWELL, - CONN.

PRINTING
Fruitmen, Horticulturists and Flowermen

BROOKLYN, N. Y.

ALFRED L. MILLER
Jamaica Ave., Opp. Schenck Ave.
Brooklyn, N. Y.

PALMS, FERNS AND
DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 4800 Bedford

ASPARAGUS HATCHER
The new Asparagus. Beats the old plum-

POWERS & WILSON

A. N. Pierson, Inc.
CROMWELL, - CONN.

PRINTING
Fruitmen, Horticulturists and Flowermen

BROOKLYN, N. Y.

ALFRED L. MILLER
Jamaica Ave., Opp. Schenck Ave.
Brooklyn, N. Y.

PALMS, FERNS AND
DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 4800 Bedford

ASPARAGUS HATCHER
The new Asparagus. Beats the old plum-

POWERS & WILSON

A. N. Pierson, Inc.
CROMWELL, - CONN.

PRINTING
Fruitmen, Horticulturists and Flowermen

BROOKLYN, N. Y.

ALFRED L. MILLER
Jamaica Ave., Opp. Schenck Ave.
Brooklyn, N. Y.

PALMS, FERNS AND
DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 4800 Bedford

ASPARAGUS HATCHER
The new Asparagus. Beats the old plum-

POWERS & WILSON

A. N. Pierson, Inc.
CROMWELL, - CONN.

PRINTING
Fruitmen, Horticulturists and Flowermen

BROOKLYN, N. Y.

ALFRED L. MILLER
Jamaica Ave., Opp. Schenck Ave.
Brooklyn, N. Y.
Special circulars offering the following seasonable stocks have recently been mailed to the trade. If you are interested and have not received copies, write to us.

**Japanese Iris**
Japanese varieties, but not Japanese mixtures. 150,000 home-grown plants, true to name. Forty-four of the finest varieties ever brought together. Now is the time to plant.

**Paeonies**
Now is the time to plant. We have just harvested 150,000 roots, strong divisions, four, five and more eyes. Many of the standard sorts at particularly interesting prices.

**Hardy Perennial Phloxes**
More than half-a-million plants are now in bloom at our Locust Farm Nursery. The best varieties only and we can ship at once.

**Dahlias, Field Grown Roots**
We have issued a special catalogue of these in which we offer 200 standard up-to-date varieties. You should consult this list before making up your catalogue for 1912.

**Araucarias**
Thirty thousand plants now in stock. Prices lower than ever offered. This is for early delivery only and it will pay you to cover your requirements for the coming season now. Get our special circular offering these plants.

For a complete line of all seasonable Florists’ Stock, Hardy Perennial Plants, Bulbs, Seeds and Sundries, consult our Current Wholesale List, issued September 1st.

**HENRY A. DREER, Inc.**
714 Chestnut Street, - - - PHILADELPHIA, PA.
Seasonable Notes on Culture of Florists' Stock

ANTHURIUMS

One of the best crops to follow the early and medium chrysanthemums is a strain of the improved large flowering snapdragons. Plants propagated from cuttings or seed last spring and occasionally shifted into larger pots will make promising stock for indoor planting. Where they have been grown under field culture the sooner planted the better. After planting be particular to give sufficient water to wet the ball thoroughly. In a week or ten days they will be making new and active roots in the bench so it is essential to keep the soil evenly moist. The beds should be slightly loosened up and entirely free of weeds at all times. Disbuilding and keeping the shoo supports to ensure straight stems should receive attention as soon as they require it. Give them a temperature as near 50 degrees at night as possible and let them run up to 65 or 70 degrees in the day time with sunshine. The aphids must be kept in check for they are very difficult to eradicate when once they get the upper hand, so give light and regular fumigation. Ventilate as much as possible day and night until cold weather.

BULB PLANTING FOR OUTSIDE

The planting of hardy bulbs can be done any time from now until the middle of November. In the more northern states the earliest date is the best, but in the latitude of Massachusetts and Connecticut from October 10th to the 20th will be sufficiently early, and for further south correspondingly later will do. All bulbs with but few exceptions, like well drained soil. Any beds or borders with ten to eighteen inches of good soil will grow fine flowers. Use plenty of well-decayed manure, always avoiding fresh manure. To prevent successive freezing and thawing give them a mulch of leaves or straw manure and lay on a few evergreen boughs so it will not blow away.

CARE OF VANDAS

These orchids will need the utmost attention now in the way of ventilation. At this season there will be times which will deprive them of much ventilation, so give them all possible when climatic conditions are right outside. Keep reducing your shading so that by November they will be having the direct solar rays which are so essential for their welfare. These orchids will require quite a supply of water even during the winter and should on no account suffer from drought. Now that fire heat will be needed see that the atmosphere does not become too arid or dry, for in their native habitats during the resting or dry season they are refreshed by heavy dews at night. At this period of the year syringe them overhead on all bright mornings so that they will have time to dry out before the afternoon. Vandas will stand a high temperature, but if during the winter they are held from 60 to 65 at night, with ten degrees higher during the day, they come out with better tissue and constitution.

VIOLETS

There is no cut flower crop so apt to be ruined in so brief a space of time as the violet. We should now re-double watchfulness to meet any sudden rising or falling in temperature, cold rains, shifting winds, chilly or overwarm nights. Watering should always be done in the morning and only on bright days, so that the foliage may be dry before night, for if the water lies on the foliage over night the leaves will become the seat of a fungous growth that will ruin your crop. Give the beds an interval of time between waterings to ensure drying out of the soil, and sweetening by stirring and a couple of days exposure to the sun and air. Keep the plants free of dead or diseased leaves and insects.

NYMPHAEAS

All tender nymphaeas should be taken indoors and kept in a temperature of 55 to 60 degrees; this will keep them in a semi-dormant state until spring. Where the hardy nymphaeas and nymphaeas are growing in natural ponds having water of sufficient depth that freezing will not reach the crowns, they are perfectly secure for the winter. Those that are grown in tanks or tubs can have the water drained off. Cover with boards and on this place enough of leaves or litter to keep the frost out.

ROOTING CUTTINGS OF HARDY SHRUBS

Most of the shrubs which are of value to the florist lend themselves freely to fall propagation. Select the ripened shoots of the past summer's growth, but the cuttings should neither be taken from the very small twigs nor from the thickest growth, but just the medium. Cut into lengths of from 8 to 12 inches and insert in freshly dug soil, choosing a warm sheltered aspect. Where the soil is of a heavy clayey nature a little sand should be placed in the bottom of the trench opened for the reception of the cuttings. Place the cuttings well down—even if the top is covered it will be all the better. By the middle of December cover the beds with some rough litter 6 or 8 inches in thickness, which can be taken off in the spring as soon as the weather will permit.

John J. M. Farrell

Mr. Farrell's next notes will be on the following: Amaryllis; Care of Anthuriums; Chrysanthemums for Exhibition; Campanulas; Lorraine Begonias; Planting Lilacs Outside.

Decorative Dahlia Golden West

This superb novelty, which forms the subject of our cover illustration this week, was one of three new dahlias exhibited for the first time at the Dahlia and Perennial Show in Horticultural Hall, Philadelphia, on September 19 and there awarded certificates of merit by the American Dahlia Society. This variety was mentioned in our notes on the show in issue of September 23, but incorrectly classed as a "Cactus." We think Mr Burpee is justified in his claim that "it is undoubtedly the finest yellow in cultivation, regardless of type."

Clematis paniculata roming at will over rhododendrons and adorning the dark foliage with its airy white festoons makes a lovely picture in late September and seems to have no ill effect on the rhododendrons. Indeed, it is a possible benefit to these shade loving plants if it does not grow too rampant.
Some Autumn Flowering Shrubs

Although the large majority of flowering shrubs produce their blossoms during the spring and early summer months there is also a considerable number which are not seen at their best until the fall, and when one considers what a large number of people there are who spend this season of the year at their country estates it is surprising that this section is not given more attention.

Hardy flowering shrubs are undoubtedly becoming every year more popular, a step certainly in the right direction, and they possess many advantages over the softer bedding plants heretofore so much employed. These, though useful and beautiful in their season, are only good for a short time and demand a considerable amount of attention, whereas flowering shrubs when established may be considered permanent and necessitate but little labor to maintain them in good condition.

The varieties mentioned here include some of the best for park and garden use and all of them may be considered perfectly hardy as far north as Magnolia, Mass. North of this it is probable that some might require slight protection in winter but I shall make special reference to these and even if it should prove necessary to propagate them annually they are such beautiful additions that all who appreciate their value would willingly perpetuate them.

To E. H. Wilson we are indebted for a large number of new and meritorious Chinese shrubs and it is very gratifying to find that many of these now in cultivation at the Arnold Arboretum flower during the late summer and autumn months. The most remarkable of these are the varieties of Buddleia variabilis and for ornamental planting either on a large or small scale no more beautiful shrubs exist. Some members of the genus Buddleia have been known in gardens for many years, one species having been introduced to Europe almost a century and a half ago, but few of them were sufficiently hardy to become generally cultivated out-of-doors in this country. The genus is a very interesting one and geographically covers a wide range, some members being found in America, Asia, Africa and elsewhere. As greenhouse plants some are of great merit, two or three from Central China discovered by Mr. Wilson being specially valuable, and I hope to refer to these in the near future.

A form of Buddleia variabilis with pale purple flowers and prostrate growth has been known to science for some years but as a garden plant it is of little value. Wilson's form of this is a very superior shrub with upright habit and long cylindrical tails of bloom and is the forerunner of several remarkable varieties. Those that have received names up to the present time are magnifica, Veitchiana, Wilsoniana and superba. Though all of these are equally meritorious the first named is perhaps the most noteworthy on account of its remarkable color. The individual flowers in all the forms of Buddleia variabilis are quite small, not measuring more than an eighth of an inch in diameter but they are produced in great profusion at the terminal of the main stems and the numerous side branches. The flowers of magnifica are bright rosy-purple with a conspicuous orange eye and the edges of the petals are reflexed. It commences to flower about the middle of August and continues till the end of September. Veitchiana flowers a week or so earlier and grows a foot or so taller, with a more upright habit, but the stems droop gracefully when the flowers commence to open. These are a deep lavender shade and the center bright orange.

Wilsoniana is an exceptionally fine variety from five to seven feet in height and the flowering portion of the stem is frequently from thirty to forty inches in length. The color is rosy-lilac with a deep orange eye. The other variety—superba, though not so tall-growing as the preceding, is of exceptional merit. The side stems are produced freely from the ground and each terminates in a rounded tail of bright rose flowers, which contrast very effectively with the deep green foliage.

Buddleia albiflora, another species from Central China, resembles B. variabilis and grows from five to eight feet in height. The foliage is dark green above and silvery grey beneath and the flowers, in spite of the specific name, are lilac in color with an orange throat and sweetly scented. It commences to flower in July, but the numerous side branches maintain a succession of bloom well into September.

Buddleia niveni from Western China is not ornamental from a flowering standpoint but is worth growing for its ornamental foliage. The stems and under side of the leaves are densely clothed with white, silky hairs which make the plant quite attractive. It will grow seven feet high and the flowers are pink in short racemes.

The four varieties of B. variabilis mentioned above are all extremely easy to cultivate, a good loamy soil and open sunny position with plenty of water in the growing season suit them to perfection. Although the stems frequently die down to the ground in winter this is no drawback for if they do not it is advisable to prune them right down in the spring so that an annual growth is obtained. North of Magnolia I would advise taking up the roots in winter and storing them in a cool cellar.

Propagation is very simple either by cuttings inserted in September, which make nice flowering plants the following year, or by seed sown any time after it is ripe, in a gentle heat. To perpetuate these varieties cuttings must be employed as B. variabilis varies considerably from seed. As those plants have great potential value the raising of seedlings is to be recommended as varieties differing widely in color and time of flowering are certain to be evolved. As bees are very partial to them and they hybridise freely the best colors only should be kept so that inferior ones do not detract from them. As single specimens or for bedding in parks and open spaces few plants are superior to these and there is undoubtedly a great future before them.

Arthur C. Thatcher.
Fruit and Vegetables under Glass

LATE VINES

Late vines that are just finishing up their fruit will need every care to enable them to hang on as long as possible. Should the fruit still require a little longer to “finish,” maintain a night temperature of 65 to 70, advancing to 70 to 75 by day and 85 with sun heat. Always admit as much air as possible and keep a buoyant atmosphere. The pipes must be kept warm at night and also through the day when the sun is not shining. Be governed by outside climatic conditions as to how much moisture to keep in the house. On bright days the house will probably stand for damping three or four times but should it be damp outside keep the viney dryer. Maintain a dry atmosphere at night and do not allow any condensed moisture to be on the berries in the mornings. Never shut the house up entirely; a crack of air is indispensable for ripening grapes.

Rats and mice will be seeking shelter now and a viney seems to be an ideal place for them (not a grower’s opinion). Keep all doors closed at night as a precaution, and lose no time in trapping or poisoning the vermin as once in a house they soon wreck a quantity of bunches.

POT T REES

Pot trees of all kinds will now be resting and should not be neglected even though their requirements at present are few. In fine weather continue to give them a syringe every morning and water the roots, should they be on the dry side. After peaches and nectarines cast their leaves is their most critical time. If allowed to dry out they will cast their fruit buds and a season is lost. Avoid over-watering or roots will go rotten. This also applies to cherries, plums, pears and apples in a lesser degree, the two latter being the easiest to winter. Figs in pots or tubs that are also resting will be all right outside until severe frosts make an appearance, but after a few degrees they must be housed. They will take more water than the other subjects as long as they have their foliage.

STORING APPLES AND PEARS

This is an item which commands considerable attention as when properly stored the “home” supply is augmented for months. Storing apples in quantity from the orchards is a different proposition from handling a few. So much then depends on the quantity. I am not going to advocate any one system of storing as there are so many and so much depends on what accommodation there is at one’s disposal. Care in gathering is one of the chief points as bruised fruit will not keep for any length of time. Where a quantity of late desert apples is to be kept a properly constructed fruit room is advisable. One, to maintain a uniform temperature in extreme weathers, should have extra thick walls and a non-conducting roof. Shelves can be arranged in tiers which has the advantage of allowing the fruit to be looked over at intervals and any decayed ones removed. Some fruit rooms are built for ornamental buildings. Where a special room is not available, cellar, garrets and spare rooms can be used. Avoid a very dry place, as the fruit will shrivel quickly in such. Keep an even temperature near 70 without excessive dampness or dryness by artificial heat. Apples have been stored on cellar floors (where no fire was) with clean straw thrown over them to keep out the frost.

SPINACH

This is a useful vegetable to include in the winter house for you can “cut and come again.” If sown now in drills one foot apart a nice growth will be obtained before the severe weather sets in. Use any well enriched soil and after the seedlings are through keep the surface soil loosened up to encourage root action. If over-crowded in the rows thin out when large enough to handle or the best results will be lost. Maintain a night temperature of 50 and syringe well to keep clean. New Zealand spinach produces more than its relative and if this variety is accepted in the kitchen it should be grown in preference as so much more can be cut off any given bench room.

WINTER CUCUMBERS

If not already in, a batch of winter cucumbers should be sown at once. The English forcing varieties alone should be grown; they are better suited to these conditions. Improved Telegraph and Rochford’s Market are of the best; other good varieties are Satisfaction and Perfection. Sow seeds singly in three-inch pots in a light compost, leaving it loose, as the water will settle it about the seed. Place in a temperature of 70 degrees. When seedlings have filled these pots with roots, plant them out on the benches, making the mound just large enough to nicely cover the balls, and as roots appear on the surface add top dressings of soil. This helps the plants along with new food as they require it. A compost of two parts loam, one leaf soil and one spent mushroom manure with a little sand, will be found suitable for them. Keep a night temperature of 70 degrees. Syringe morning and afternoon if fine and shut up early enough to run the house up to 90 degrees with sun heat.

PARSLEY

Parsley is a thing which is always called for through the winter and some late-sown plants should be lifted or make a fresh sowing now. If bench room is scarce for a time pot or box them up until there is room. Parsley will adapt itself to varying temperatures if supplied with water as it needs it. 50 to 55 degrees at night suit it best.

George W. Benson

Somerville, N. J.

We are informed that in England the hardy asters (Michaelmas Daisies) have suffered greatly in the tropical heat of the past season and are practically a failure in many districts.
The elections: The season for annual meetings is now approaching and in all organizations where there is "something doing" and good active red blood circulating, contests for official honors are a foregone conclusion. Mark that society or club as deficient in vigor and threadbare in outlook where placid tranquility is the long suit and nobody takes the trouble to stir up a little healthy rivalry as regards policies and leaders. A little periodic agitation in the way of partisan enthusiasm is as wholesome a stimulation in the life of an association as is an occasional indulgence in outdoor sports for the man tied down to business drudgery and even a little turbulence is much to be preferred over apathetic indifference—whether it be in an organization or in a man, so long as personalities and abuse are omitted.

We are all more or less liable to fall into the error of assuming that an institution will "go to the bow-wows" if our favorite candidate is not elected or the policies that we support are defeated. Human nature has no more common delusion. The worst course a defeated candidate or his friends can possibly adopt is to display resentment and temper by "quitting the game." We have known of instances where memberships have been withdrawn for this cause. As a rule a man hurts himself more than he does anyone else by such procedure. The world means to be fair, take it all in all, and there is nothing it adores more than it does a good loser. An honorable defeat is sometimes the greater victory. You may feel that the man who has won is not equal to the position, but perhaps he'll prove otherwise. Give him a chance—yes, do more than that; get in and help him and even if he doesn't finally measure up as the prodigy which his friends predicted, bear in mind those truthful lines by Pope:

"Whoever thinks a faultless piece to see,
Thinks what ne'er was, nor is, nor e'er shall be."

A commendable project which has been launched among the society ladies of Newport as described in our news columns this week. It sounds worthy and looks good as a general proposition although there may be some differences of opinion as to the desirability of certain of the objects as outlined. Any movement tending to a more intelligent understanding of real garden art and a deeper popular appreciation of floral and sylvan beauty deserves to succeed, for, as has been intimated, the American people are far, very far behind the European in this respect. Let us hope that the movement now so jauntily inaugurated may turn out to have been something more than a transient plaything, to be soon cast aside among other fads that have had their little day. In working to advance the art of gardening in America, however, while there is much to be learned through a study of European standards and achievement, it will be necessary to watch out and see that mere imitation is not mistaken for education. As to the avowed purpose to establish direct relations with foreign sources of seed supply, the American seedsmen is likely to have views of his own and we may safely leave it to him to see that the smoke continues to "go up the chimney, just the same," as John Westcott would say.
EDUCATION IN FLORICULTURE.

Mr. Editor:

Prof. White, in his desire to cooperate with practical gardeners and florists on behalf of floriculture at Amherst, displayed a creditable breadth of view and a scrupulous care for the advancement of floriculture in this state, and, I think if your valuable paper were used as a means for discussing and training young gardeners and florists he would gain a good deal of help in that direction. My own view is that his department should be organized so that there would not be too much in either the commercial or what is called private gardening. The European apprenticeship system is very good, but in my day it had a great defect, in not having the time or facilities for study which is so necessary to keep any one from falling into a rut or getting set in his ideas.

Amherst, I think, should secure those intending to follow horticultural pursuits at fifteen or sixteen years of age, before they finish high school, as from my observation and experience (for I have children in high school) after a boy has gone two years or more to high school he will very soon lose interest in the field to which that manual labor which is necessary in training anyone to be a good practical gardener or florist. The course should be at least three years, and four would be better; one year at outdoor vegetable and fruit-growing, a second in what might be called floriculture and a third in experience in the greenhouses, but it would better be two years in the greenhouses as indoor fruit culture is beginning to come to its own in this country, and one year should be devoted to it.

There should be a good collection of fruits, vegetables and plants, both outdoors and in the greenhouses, but not many varieties of any species, for if one knows how to grow one rose or carnation or tomato, for instance, he will by experience soon learn the peculiarities of other varieties of the same species. I see no sense in a horticultural school going into a series of experiments with the different varieties of cabbages or roses about how many inches apart they will produce when planted at a given time, as the majority of new varieties have a comparatively very short life and it is waste of time and public money, if the institution is supported by the state.

The members of the committee chosen by Pres. Miller of the G. & F. Club of Boston, are men of wide experience and success in gardening matters, and we ought to see our state college do some good work for horticulture through their efforts in cooperation with the Amherst school.

GEORGE F. STEWART.
Medford, Mass.

BRITISH HORTICULTURE.

A Dahlia Display.

The season of drought caused a falling off in the quality and quantity of the exhibits at the annual show of the National Dahlia Society at the Crystal Palace in London last week, but the novelties were also fewer in number. First class certificates were granted to the following new varieties: Maurice Hivolle—an attractive addition to the colarette varieties; Uranus, a cactus variety, mottled and striped scarlet, on a white ground; Miss Stride deep pink; and a pale yellow cactus variety. In the non-competitive section the leading dahlia specialists made admirable displays. Messrs. Hobbies, Ltd., of Dereham, Norfolk, is a very comprehensive group, which secured the only large gold medal awarded. Messrs. H. Cannon and Sons, of Swanley, had a large number of cactus varieties, single, and paeony-flowered varieties, which were arranged to the best advantage, and received a gold medal. Messrs. Stahelin & Co., Salisbury, made an effective display of cactus varieties, prominent varieties being Conquest, Johannesburg, Joan of Arc, Mrs. Chas. Wyatt, Cavaller, etc.

FRUIT AND VEGETABLE NOTES FROM MIDDLE WEST.

Strawberries have made a little better growth than usual this year and will go into the market set and developed ready for next year's fruiting than they usually have. The acreage for this coming year will not be quite as large as was last year, but there is still fruiting.

There appears to be less anthracnose on the raspberry canes this year with some growers than there was last year. Quite a few have been shipped this year in the ear loose, but generally it will pay the shipper to have them sacked before they are loaded. The price is around $1.75 to $2.00 per 100 lbs. and there is not much chance of its being lower for a few months. Yellow Globe is most largely grown.

Apples and pears are a little early at any price but stay around 75c. The crop is not big yet most trees have some on them that are salable.

Tea cherries are plentiful. The price is $1.25 to $1.50 and up for the fancy ones. Banked trees are safer for the winter and are doing better producing this year than the ones not so treated.

County fairs have shown more fruit on display this year than ever before. The size was a little better than last year, but the most specimens have more or less scale spots on them.

A NOVEL GREENHOUSE FEAT.

An event of great interest to the florists took place a few days ago in Charleston, S. C., Mr. Stahelin built and observed a house of four rooms, 35x173 each, over a field of 29,000 carnation plants which had been cultivated there all summer long. The houses are just large enough for them to have no benches, of course, and the heating is all overhead. As the carnations are planted in the field, they make one house each of Winans White Enchanteur, May Day and Beacon. The supporting posts of the houses have heavy wheels inserted in their bases which run on steel rails. These again are supported by concrete posts eight feet apart. It took five men six hours to move them into place but Mr. Stahelin expects to move them in 30 minutes next year.

Next season the place over which these houses were built will be cultivated and planted with carnations and the houses moved beyond it. For the heating of these houses Mr. Stahelin made provisions by erecting a concrete boiler house, 30x12, with two boilers of 100 horsepower each, and a smokestack 80 feet high with a 50 inch flue. Although this entirely new method is more or less of an experimental nature, nevertheless, Mr. Stahelin certainly opened up a new line of thought.

FRANK DANZER.
This historical and important event came off in due form on the 3rd inst. The meeting of the Club in its regular monthly session took place half an hour previous and elected J. Otto Thilow for their new president and continued George Craig as treasurer and David Rust as secretary for another year. The banquet followed in the main hall. President Heacock occupied the chair and in due course introduced Wm. B. Smith as toastmaster. The latter gentleman has done this honorable function for twenty-five years and fine as he was at the beginning he has mellowed with age and is now finer than ever. There were 149 ladies and gentlemen around the tables and, as William F. Gude said, they formed "the most distinguished assembly in any one club ever seen in the country (wouldn't that jar you?). The Philadelphia Club has the distinction of being the first of the many similar organizations that have sprung up in every part of the country.

Secretary Rust read letters from all the leading lights in the business conveying their cordial regards and best wishes. The list given below gives a good idea of the speeches. This program was more or less closely followed and where one or another was not there—there was always somebody to take their place. And, so we mark another milestone in the history of our business.

THE TOASTS.

Joseph Heacock, Chairman, President Florists' Club of Philadelphia.

Toastsmaster Hon. Wm. B. Smith.

1. Our Club......................Robert Craig
2. The Ladies.....................Wm. F. Gude
3. Song..........................Arthur Seymour

J. Otto Thilow
President-elect

This occasion. He helped to take the chill off the cold water quite considerable. And another feature on the official list was a couple of songs by Horace Dumont. Horace vamoosed the ranks but is still with us in.

Decorations were contributed by Arthur Niessen, Robert Craig Co., Robert Kilt and Habernuell's. The arrangements were superintended by Robert Kilt. A fine collection of dahlias was contributed by R. Vincent, Jt.

We hear much praise also for the able assistance of the secretary of the Club, David Rust, who worked most energetically with the committee in carrying out the arrangements. The president, Joseph Heacock, was also an earnest worker.

The committee on banquet was composed of Thomas W. Logan, George Burton, Arthur A. Niessen, Robert Kilt and John F. Sibson.

Invited guests were present as follows:


Others present were the following:

Mr. and Mrs. Thomas Logan, Mr. and Mrs. Wm. Kibbey, Mr. and Mrs. E. A. Harvey, N. S. Shiffress, Mr. and Mrs. Charles R. Marsh, John C. Wiblin, John R. Andre, Mr. and Mrs. Jno. F. Shis- son, Henry F. Mitchell, Mr. and Mrs. Fred J. Mitchell, Mr. and Mrs. Joseph Heacock and three friends, Mr. and Mrs. James W. Heacock, Mr. and Mrs. George Burton, Miss Elizabeth Burton, Mr. and Mrs. Robert Kilt Jr., Mr. and Mrs. William K. Harris, Mr. and Mrs. Mark P. Mills, William H. Vance, George D. Clark, Mr. and Mrs. Da- vid Rust and son, Mr. and Mrs. John Gracey, Fred Adelberger, Mr. and Mrs. Victor Groshek, Mr. and Mrs. John West- cott, Charles Sin, Richard E. Lange, John Walsh Young, Mr. and Mrs. Adolph Faren- wald, George Craig, August Lutz, Albert M. Herr, J. D. Klode, Theodore Shober, Walker F. Faneurope, Xavier E. Schultt, Alphonse Perdutt, Martin Sautman, Ear- gene Bernheimer, Mr. and Mrs. D. Me- citheem, Harry S. Bee, Howard M. Earl, Joseph, Meyers, George E. Campbell, Mr. and Mrs. Andrew Graham, George C. Wat- ton, H. C. Gelger, Mr. and Mrs. Paul Hussher, Carl F. Counts, H. L. Farley, John H. Habermehl, John A. Husqorn, Mr. and Mrs. Robert Craig, Mr. and Mrs. Robert A. Craig, Mr. and Mrs. William P. Craig, Mrs. Lank, Mr. and Mrs. J. F. Graef, Mr. and Mrs. Samuel S. Pennock, Mr. and Mrs. Edward Towill, Clarence Upton, H. Haye- dorf, Mr. and Mrs. Clarence W. Moore, Mr. and Mrs. William H. Myton, Edward A. Strong, J. W. Prince, C. E. Lanartere, John Kehlmann, Godfrey Aechmann, John H. Gould, Louis A. Copage, George S. Faulkner, Mrs. William K. Harris, Sr., Mr. and Mrs. William H. American, Mr. and Mrs. Thilow and daughter, Mr. and Mrs. Al- fred M. Campbell, Joseph H. Sperry Dou- ta T. Cumber, Mr. and Mrs. Julius Wolf. Jr., A. E. Wohlet, Mrs. Hiney, Mr. and Mrs. Daniel Donaghue, Horace F. Dumont, A. R. Jones, Rev. R. E. Johnson, Frank Rodgers, M. D.

The only fault we can find with this successful affair is that it was made too much of a social function. The Florists' Club is a business organization, and it seems to be drifting further and further from its aims. It could do a whole lot of good if wisely handled. Robert Craig was dead wrong in praising it as an athletic organization. We think Robert was just hunting around for nice things to say—and you all know his inimitable way of making the worse appear the better. If the business of going to get any better through the Florists' Club it will not do it with songs and sallies and athletics. The problem is much more serious and hasn't really been tackled yet notwithstanding this our twenty-fifth anniversary. So we say to the younger generation—forget

DAMIR RUS
Secretary.

all these platitudes of the orators and start in and do something. Athletics and business are fine and good—but we want to broaden the business. The sugar coating to the pill may be fine—but it isn't the pill. Of course I paid Mrs. Williom-Wauder. If I did of them but I'm not especially proud of it.

G. C. WATSON.
NEWPORT'S NEW GARDEN ASSOCIATION.

The Garden Association in Newport is the name of a society recently organized by wealthy summer residents and owners of important estates. Its officers are: President, Mrs. J. Townsend Burden; vice-president, Mrs. W. Storrs Wells; secretary, Mrs. Charles F. Allen; and treasurer, Mrs. L. T. Burden. Mrs. Lewis Catt Ledyard, Mrs. Hope Slater, Mrs. Hugh D. Auchincloss, Mrs. Hamilton Fish Webster, Mrs. Frank K. Sturgis, Mrs. Van Allyn Willey, Mrs. Hoffmann, Mrs. French Vanderbilt, Mrs. E. B. Andrews, Miss Edith Wether, Mrs. George L. Rives, Mrs. D. B. Fear- ing and Miss Mary Gwynn.

The objects as appears in the official circular are—First: To increase the knowledge of owners of gardens in Newport by means of lectures and practical talks in the garden during the summer months by well known authorities. Second: To provide a corresponding secretary who will keep the members informed of the development of new ideas and improvements in the varieties of flowers among the seed-men and gardens of France, Germany, and England. Third: To establish a board where the seeds of novelties from abroad can be obtained. Fourth: To develop by means of illustrated lectures on the gardens of England, Italy and other countries more art, individuality, sentiment and variety in the planting of flowers, shrubs, etc. Fifth: To provide a practical knowledge of the care of trees and plants by demonstrating the methods used in Europe in the cultivation of flowers, fruit and vegetables and in forestry.

The gardening craft within the influence of this association, especially those in charge of estates expect that much good may come by the new movement, anticipating that owners of estates will have more of their attention directed to horticultural pursuits with the result that gardeners will have a chance to test and encourage their work in their work than is the rule at present, so the outlook points to a mutual benefit.

JAMES ROBERTSON.

Newport, R. I.

FLORISTS' CLUBS OF WASHINGTON.

The October meeting of the Florists' Club of Washington was held in the store of Gude Bros., 1214 P street, N. W., Tuesday last, with President Mr. Berry in the chair. The committee having in charge the matter of obtaining new quarters reported that the Moose Hall on Twelfth street, N. W., was assigned, which is a surprise, as there were other halls equally favorable. They were granted an extension of time until the next meeting, at which time the place will be occupied. Other matters of local interest only were brought up for discussion, following which an adjournment was taken.

The members then broke up into smaller groups to discuss such matters as interested them individually and later, upon suggestion of Mr. Schmidt, they went in a body to inspect the Moose Hall, referred to earlier in the evening. This was found to be one of two large rooms, one for business purposes, the other for the preparation of such refreshments as may be furnished from time to time, or as a banquet hall. The members were generally impressed with this and action will be taken at the November meeting of the club.

CLARENCE L. LINTZ.

ELBERON (N. J.) HORTICULTURAL SOCIETY.

A regular meeting of this society was held in Fireman's Hall, Elberon, N. J., on Monday evening, October 2nd, with President James Kennedy presiding. This being the meeting for the nomination of officers for the ensuing year, brought a very large attendance. There were three new applicants elected members of the Society.

The judges of the monthly exhibits were Wm. Tricker, August Grisch and Peter Murray and their decisions are as follows:—To A. Buuck for Cattleya Inaba; to C. Kelly, for Leck Americana Flg. 75; and Wm. Seymour, for Sanseveria zealancia, $5. The Chrysanthemum Show was discussed and it was decided to hold it in the hall in Ashbury Park, instead of in Long Branch as in former years. The dates are changed from November 1-2 to November 1-3.

W. M. R. SEYMOUR, Cor. Sec'y.

HORTICULTURAL CLUB OF BOSTON.

This new organization held its October session at the Parker House on Wednesday evening, 4th inst. Among the gentlemen present from a distance were:—W. A. Manda, South Orange, N. J., Judge C. W. Holtt, Nashua, N. H., F. R. Pierson, Tarrytown, N. Y., and F. Gomber Waterer, Bagsbat, England. They were present at the request of Professor Charles Sargent was read. His keynote was in desiring the most sympathetic and co-operation between the scientific institutions and the commercial horticulturist and this timely subject elicited some ringing speeches in approval. New titles and new hardy chrysanthemums adorned the banquet table.

NEW YORK FLORISTS' CLUB.

Resolutions on the death of John Birnie, adopted at the September meeting:

Whereas, We, the members of the New York Florists' Club, are overwhelmed with sorrow by the loss of our fellow member, John Birnie, who was called to Eterni-
ty on Aug. 15th, 1911, while in the midst of the activities of the Convention of the Society of American Florists in the City of Baltimore, Md., we deplore the passing of this gentleman who for eighteen years has been an honored member of the body, and who was one of its most earnest supporters, Mr. Birnie's interest in the Smoak Society was ardently and disinterested, for he steadfastly refused the highest honors in the gift of the club. He was beloved by the friends who knew his many admirable qualities of mind and heart—a leader of all forms of activity, absolutely honest in thought and deed, and to those who had his confidence he gave a frankness that inspired confidence. Mr. Birnie in business was founded on a thorough knowledge of his calling and ability to accomplish results and a probity of character that commanded the respect and affection of his business friends. Therefore be it resolved: That we, the members of the New York Florists' Club, who have known Mr. Birnie, desire to tender our deep sympathy to Mrs. Birnie and family in this hour of their bereavement, and ask that a copy of these resolutions be sent to the family as a copy of the records of the club.

CHARLES H. TOTTY, HARRY A. BUNYARD, WALTER F. SHEEHAN, Committee.

CLUB AND SOCIETY NOTES.

The St. Louis Retail Florists' Association will hold a regular monthly meeting on Monday night, October 9th, in the Knights of Columbus Hall.

The Chrysanthemum Exhibition of the New Jersey Horticultural Society will be held at the Casino, Ashbury Park, New Jersey, Nov. 7-8, 1911. Particulars will be announced.

The St. Louis Florist Club will hold its meeting next week Thursday afternoon, October 12th, at 2 o'clock, in the new officers' rooms and the guests are invited to join in their posts and the trustees have arranged for a pleasant afternoon.

The executive committee of the St. Louis Horticultural Society have decided that the flower show will be held in the Coliseum building the First week in November. In conjunction with the usual Shaw prizes a liberal amount was put aside for awards. The Chrysanthemum Society of America will meet here in the same week.

Thomas J. Gray of Boston talked before the New Bedford Horticultural Society on Monday evening, October 2nd, on his recent trip to various countries of Europe. Mr. Gray was the guest of the society and had a most heart-warm- ing reception.

An Illustrate lecture by Richard Vincent of White Marsh, Md., on his trip through Holland showing the bulb fields in full bloom will be delivered. The Cincinnati Commercial Association and the Cincinnati Passenger committee of the railroads will assist to boom the show.

The fall show of the Florists' and Gardeners' Club of Rhode Island was dedicated as a memorial to the departed William Birnie on Saturday evening, and action taken on a communication from the Rhode Island Horticultural Society. An offer of $1,000 was made by the Horticultural Society to encourage the exhibition of flowers by the club and it was accepted.

The St. Louis Retail Florists' Association held its November meeting last Saturday evening, and action taken on a communication from the Rhode Island Horticultural Society. An offer of $1,000 was made by the Horticultural Society to encourage the exhibition of flowers by the club and it was accepted.

William H. Alexander Mac audience A. E. Appleton were appointed a committee to confer with the Horticultural Society. The committee will report Oct. 20.
THE VINCENT DAHLIA SHOW.

Richard Vincent, Jr., & Sons Co., of White Marsh, Md., held their fifth Annual Dahlia Show Sept. 26-29, 1911. The first day was known as Maryland Horticultural day and there was a good attendance of members of the State Society. In addition to dahlias there was a good exhibition of farm and garden products. These were judged by Prof. Thomas Symons, Geo. O. Brown and Alex H. McCormick. Wednesday, Sept. 27, was Gardeners' & Florists' day, and large delegations of the Baltimore and Washington clubs were present. The mayor of Baltimore and other politicians were on hand Thursday. The Messrs. Vincent have 40 acres of dahlias, and the varied colors present a most beautiful sight. Fifteen acres of cannas, with eight or ten rows of the different colors planted side by side across the fields make a mammoth high-colored ribbon effect contrasting effectively with their foliage backgrounds. Crowds went down on the extra trains daily, and they were people who appreciated the wondrous sight. Richard Vincent, Jr., was simply delighted to see the people enjoying themselves. Thousands returned home with a huge armful of dahlias. The immense packing and potting rooms were transformed into a spacious flower show, exclusively of dahlia blooms in endless varieties, effectively arranged. Beside those with stems, shown in vases, there were blooms bedded close together in masses of one color, in boxes holding 20 or more blooms. These showed to perfection the types and charming colors. Among some of the most striking specimens were Cactus dahlias, Alpha Aurora, Britannia, Countess of Lonsdale, Fairy, Flora, doras, and Juliet, Mrs. F. Gremsted, Mrs. G. Stevenson, Mrs. H. J. Jones, Phoenix (a wonderful production), Royal Scarlet, Thuringia. Among the decorative varieties: Fire Rain, Jack Rose, Jean Charmant, John Elitch, Madam Uvan den Dael, Mme. A. Lumbler, Sour de Gustave Douzan, Show varieties: Bon Ton, Cuban Giant, David Johnson. Among the many singles shown the writer considered Ami Baril, St. George, Rebecca Mayhew and John Dewey wonderful varieties. Of the fancy varieties Fern-leaf Beauty and Olympia were greatly admired. Of the numerous "Centuries" and "Colarettes" there were so many grand ones it was difficult to express preferences.

A GARDENER HONORED.

Herbert Clark, formerly at West Manchester, Mass., has returned after several years at Southampton, Long Island, to take charge of the Denegre estate, a place on which, by the way, he had been the first superintendent. On Friday night of this week a warm greeting was extended to Mr. Clark by his old and new fellow-gardeners of the North Shore Horticultural Society at their regular meeting in Manchester.

Last week Saturday, previous to his departure from Southampton, Mr. Clark was rendered a farewell banquet by the Southampton Horticultural Society, of which he was a founder and its first president, and a loving cup suitably inscribed was presented to him with many cordial and sincere wishes for his prosperity. Among the leading addresses was one by Peter M. Miller, of the firm of Thos. J. Gray Co., Boston, president of the Gardeners' and Florists' Club of Boston.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

Registration of Roses.

Public notice is hereby given that Jackson & Perkins Company, of New-ark, Wayne County, N. Y., offer for registration the roses described below. Any person objecting to the registration or to the use of the proposed names, is requested to communicate with the Secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Descriptions.

ORIOLE.—Seedling from Yellow Rambler, crossed with pollen from an unnamed seedling which was itself the result of the crossing of Multiflora with various Tea Roses. Holds its yellow color better than any other yellow Rambler in commerce. Remontant.

GENEVIEVE CLARK.—Deep pink when the flowers first open, changing to a clear shell-pink as they grow older; the covered and shaded portions of the petals being almost white. For bedding and forcing in pots.

SUNSHINE.—Yellow Dwarf Polyantha, same habit of growth and bloom as Mrs. Cutbush; deep golden yellow in bud, changing to a lemon yellow as the flowers open.

H. B. DORNER, Secretary.
September 28, 1911.
Obituary

Miles Stowe.
On September 22d, Miles Stowe, well-known as an onion seed and sweet corn grower, died at Milford, Conn.

Henry J. Schmidt.
Henry J. Schmidt, gardener for many years in New Orleans, La., died on September 13. He was 76 years of age and came to New Orleans from Prussia in 1854.

Orlando F. Casteen.
Mr. Orlando F. Casteen died at his home, Kansas City, Kas., on Sept. 15, and left a wife and two children, with erection of a greenhouse and floral planting in Forest Park Cemetery, An- thony, Kan.

George W. Caldwell.
George W. Caldwell, of Evergreen, Ala., died of tuberculosis on September 5. He was well known throughout the state and was a leader in the G. W. C. from his position as a "man" from his business of gathering and shipping evergreens and other wild green products.

William Kiss.
Falling asleep while a lighted pipe was in his mouth, William Kiss, a Manchester (N. H.) florist, was suffo- cated in a room of the Lincoln House on the evening of September 27. Kiss was dying when discovered by the proprietor. A physician, who was summoned, found him dead. Mr. Kiss was for many years in the florist busi- ness at Fitchburg, Mass.

Robert Laird.
A leading Scottish horticulturist has lately passed away in the person of Robert Laird, of the well-known firm of Messrs. Laird & Sons, Ltd., nurserymen and seedsmen, of Edin- burgh. Mr. Laird was well known and respected throughout the seed trade north of the Tweed; he took a very prominent part in the affairs of the Royal Caledonian Horticultural Socie- ty, and the Scottish Horticultural Association, having for ten years been secretary of the latter organization. He was also closely identified with the Royal Scottish Arboricultural So- ciety. He will be greatly missed.

South Freeport, Me.—Superintendent J. J. Turner of Casco Castle Park has resigned his position there to ac- cept the position of general manager for the Southern Nurseries, of Baltimore, Mass. The beautiful grounds at Casco Castle have been for the past nine years in charge of Mr. Turner, and he will be greatly missed, not only at Casco Castle where he leaves many friends, but at the various Maine fairs where he has been yearly a prominent exhibitor, winning in that period four years 164 blue ribbons and several special prizes. Mr. Turner was born in Boston, and was graduated from Harvard in 1879, after which he took a 4-year course in botany and landscape gardening. He laid out many fine estates in New York and New Jersey and was connected with the Chicago park system for a number of years.

CHICAGO NOTES.
Trade Jottings.
John W. Madden of Pittsburg is now with the E. W. Wengelco Co.
C. Kohr of St. Louis, Mo., is now with Geo. Welhard of Evanston, Ill.
Homer L. Metz is the latest addition to the wholesale flower department of the E. H. Hunt Co.
A. C. Spencer is again with the wholesale end of the business having a position with Kyle & Foerster.

Mrs. H. Simpson, of West Ogden Ave., has lately purchased the property which has been under lease.

Wm. Ahlmanhorst, formerly in the wholesale flower department of the E. H. Hunt Co., and for the past two years in Denver, Colo., is now with the Chicago Florists Association.

Word has come from Fred Longren who is on the road for the E. H. Hunt Supply House that in this southern trip he has made a record of taking orders at $100 a day in the three states he has traveled through.

Among the exhibitors at the state fair held this week at Springfield, Ill., Schiller, the Florist, will compete for honors in this year's arrangement and Herman Schiller and Miss Schiller are there in charge. Two years ago their exhibit under six numbers was awarded six first prizes. George Asmus leaves for the Chicago Flower Show tonight. This firm also exhibited plants this year.

Personal.
Miss M. Russell, bookkeeper for J. A. Budlong will spend a few days at her home in St. Louis, Mo.
Among the new places are seen Fred Stralia with the Briggs' House Florist on Van Buren street, and Henry Munn with Canger & Gorale.

Among the visitors last week were Mr. and Mrs. J. F. Johnson of Fort Smith, Ark., who were heavy losers by half last spring. On account of a tech- nology in the greenhouse state which has since been repealed, they were not able than to carry half insurance.

As announced last week the mar- rriage of John Ganger and Pag Yager took place Saturday evening at the home of Mrs. Hiliar, the groom's sister, at 2207 West Madison street. The wedding was a quiet one only limited number being pres- ent. Mr. and Mrs. Schiller went to housekeeping at once at 416 S. Irving avenue and have the best wishes of their many friends.


Following an assault with intent to kill Frank Hammond, the superintendent of the Northwest Thoughs' sup- ies, the police of Berlin, Md., cleaned out the Italian camp there, ar- resting sixteen of the twenty inhabi- tants and the full strength without bail awaiting the result of the injuries of their victims. It is alleged that grubbing axes were used in the as- sault upon Hammond, with the result that he is in a very critical condition.

WASHINGTON NOTES.
Alvah Godding, landscape gardener in the employ of the government, has returned to Anacostia, D. C., after a month's trip through Maine and Mas- sachusetts.

William F. Gude is the florist mem- ber of the committee appointed to receive the delegates to the National German-American Alliance convention held here this week.

David G. Fairchild of the Depart- ment of Agriculture will give the members of a newly-formed class of consuls and consular assistants now in this country an illustrated lecture on the as- sistance which they can, as consular officers, render the Agricultural De- partment and through that depart- ment the country at large in connection with the introduction of plants.

There has been a rumor in the newspapers to the effect that a movement has been started to have the grave of Nicholas Studebaker, one of the first settlers of the District of Columbia, suitably marked through the erection of a mon- ument. Mr. Studebaker died some twelve years ago and in the body lies in an unmarked grave. He was a native of Switzerland, Gude Bros. now own the place formerly conducted by him.

Charles Cohen, the proprietor of the cut flower stand at Ninth and D. streets, N. W., was recently the victim of an assault made by two night watchmen. Between them they took Cohen to the police station, using him quite roughly on the way. Upon being recognized by one of the sergeants at the station he was released some time later. The watchman who first accosted him was in court adjudged guilty of assault and fined $10.

Gude Bros. and Fred H. Kramer each held a very successful sale of palms and ferns last week. Their stores were crowded with purchasers who had come for a "dull business." At the Kramer store a large quantity of bulbs were also offered and dispensed. Many schools and clubs took advantage of low prices to secure these plants for decorative purposes, and in every instance both the cus- tomaries and the firm making the sale were pleased.


PHILADELPHIA NOTES.
C. H. Grableow wins in the primary election for his seat in the Senate, and learns that the campaign has proved rather a severe strain on such a fine wire. That he may speedily be restored to his old self is the earnest wish of all. We understand that a serious hemorrhage came as a result of his strenuous efforts—on top of the condition caused by the attack of pneumo- nia from which he suffered last winter.

A NEW ENTERPRISE.

R. J. Irwin, formerly of the Skidelsky & Irwin Co., Philadelphia, Pa., has started in business for himself in New York City, and intends carrying on the same line, handling seeds, bulbs and plants.

Mr. Irwin started with Pitcher & Manda, Short Hills, N. J., in 1891, at the age of fifteen years, being employed in the greenhouses doing general work. In 1893, with the desire of learning the seed and bulb business, he entered the employ of J. M. Thorburn Co., New York City, where he stayed for seven years, working himself up to a salesmanship and then accepted a position with Vaughan’s Seed Store, New York, as traveling salesman, holding this position for the ensuing seven years. In 1907 he became connected with the H. H. Berger Co., New York, acquiring an interest in that concern. During the fall of 1910, he started in business with Mr. S. S. Skidelsky, under the name of Skidelsky & Irwin Co., Philadelphia, with which concern he has just severed his connection.

We extend best wishes for the success of the new business.

CONSTRUCTION AND COST OF CHIMNEY.

For my new houses I have to build a new heating plant, with a chimney of about two feet inside diameter, and about thirty to fifty feet high. Which is the cheapest, iron, brick or cement chimney, and what is the difference in prices of material and construction?

F. S.

It would be almost impossible to give any satisfactory answer to an inquiry so indefinite in its terms but as near as I can get it, I, a brick chimney such as your subscriber wants would cost about $200, and an iron one of the same size $150. On a cement chimney I could not approximate any figures. The only party I know of that has a cement chimney is E. G. Hill and Alex Montgomery.

TWO MT. CLEMENS GROWERS.

Fred. Breitmeyer’s plant, the most extensive of Mt. Clemens places, looks full of promise for not only a large but also a very good cut in roses. These include Lady Hillingdon, Melody, Canadian Souvenir, which bears with stems three and four feet long, Killarney and American Beauties. The large range of older houses is planted for summer Beauties. One large house is entirely devoted to Adiantum cuneatum and Crownanum and there are many houses of chrysanthemums from a “Baby” or super to show bunco. Carnations will be a little late, just about as last year, but with some varieties such as White Wonder having stems two feet long already.

Robert Kluge, his neighbor, is a master in rose-growing and there are splendid looking houses of Rhea Reid, La Detroit, Kaiserin, Killarney, Maryland, Mammy Cochet and Mrs. Aaron Ward. His carnations are simply exquisite and some of them planted last May have stems 2½ feet and longer. The varieties grown comprise the Pink Night, Enchantment, Winser and Jury. Mr. Kluge has his own cold storage place and no less than 600,000 bulbs have been planted this fall. In addition Anemone (anemone) and Lilium longiflorum are principal among them. Lily of the valley is also grown in quantity.

DURING RECESS.

Cincinnati Bowling Club.

The Bowling Club at a meeting on Monday at the Cincinnati Flower Exchange decided to roll at Wieler’s this winter on the first and third Mondays of each month. Chas. H. Hoffmeister was again chosen secretary and treasurer.

Chicago Bowling League.

The bowling season opens October 4th at the new Bensonians alleys on West Monroe street. At a meeting held at Zeck and Mann’s, Monday evening, A. F. Badger was chosen treasurer of the league, a tribute to his faithful work in the interest of the game. Among the prizes offered were a silver cup, six silver vases by John Michaelson of the Amiling Co., and four scarfs pins by the A. L. Randall Co. Cash prizes will also be given.

The names of the teams are as follows in other years and the membership starts out as follows:

ROSES.

A. Fisher
W. Wolf
J. Schlossman
A. Diekenman
B. Crouers
J. Ace
T. Wiegert
V. Roeser
A. Beiler
J. Friedman
F. Lieberman
J. Roman
E. Cochrane

CARNATIONS.

A. Fisher
W. Looman
J. Schlossman
A. Diekenman
E. Schultz
M. Pink

ARCHIDS.

V. Roeser
J. Zeck
A. Beiler
J. Haubin
J. Friedman
F. Lieberman
J. Roman
E. Cochrane

Newport, R. I.—Much interest is being taken here in the offer of prizes recently accepted from Mrs. Burke Roche by the Horticultural Society for June shows of 1912. The offer accepted is $30 for a new yellow rose to be an improvement over Marechall Niel, and $15 for a new yellow carnation, and we learn the donor is to increase her offer to $50 for the rose and $25 for the carnation; the competition to be open to all comers.
The word "Sincere" literally means "without wax" and originated in olden times when wax was used to cover defects in pottery. Whenever a piece of pottery was genuine or free from deception it was said to be "sincere". Horseshoe Brand Giganteum are sincere bulbs because there is no deception in their makeup or marketing. They are grown by experienced lily growers, not amateurs; cultivated and fertilized very carefully; graded in sizes and quality; packed properly and shipped after they are fully matured. Everything done to promote quality that we know of. It is only natural as a consequence of this extra care that Horseshoe Brand Giganteum cost a little more than most brands; and to offset this extra cost they are worth in flowering value all and more than you pay for them. It's the old story of the cheap and the high-priced chisel—ask the carpenter, the man who knows chisel values, which he buys. Same in the bulb business.

WRITE FOR PRICES.

Ralph M. Ward & Co.
12 West Broadway
NEW YORK CITY

Cold Storage lily bulbs on hand for immediate delivery or later.
Seed Trade

Crop Report from Copenhagen.

Hjalmar Hartmann & Co. report under date of September 25, as follows:

- Cauliflower. The prospects are for good development. Be careful to restrict the weight to 15 lbs. per 100. If the weather had not been continually dry in July and August the crop would have been abundant.

- Cabbage, white and red. The prospects are for a fair crop. Wintering was very favorable owing to the mild winter and practical absence of frost, so that only 5 to 10 per cent of the late cabbages and about 20 per cent of the early cabbages were lost. The fine spring and good weather in April and May contributed to this favorable growth in more than one place where green lice infected the flowering in May, the growth until the ripening was very good. "Copenhagen Market" proves to be only a very poor yielder, as compared with its appearance and fine quality of heads these are inclined to rot. The general condition of heads for planting for 1912 is middle. The plants have suffered through drought and attacks of worms.

- Turnips and Swedes. Crop very good.

- Mangold. Crop middle but prices exceedingly high owing to failure in Germany.

- Carrots. Crop very good.

- Grass seed. Daelysia glomorata. Festuca pratensis and Poa trivialis, crop very good and fine qualities; prices high.

- Denmark has a large demand for cabbages this year as German customers pay 2 cts. per lb. for the same or 10 cts. per head. To produce 1 lb. of seeds needs ten heads, on an average. Consequently the stock for growing 1912 seeds approximates about $1 per lb. already, and there must be added to this growing costs for one year. Therefore, the crop of 1912 will certainly show and of another crop there will be only seeds to sell of this year's production provided samll not contracted for in advance.

Against Free Seeds.

The paternal interest of the congressmen in their constituencies, as manifested by the distributing of free vegetable and flower seeds, does not seem to be truly understood by the vegetable association of America, which has just held its annual session at Boston.

Strange to say the president of this omniscient organization, in his program of work for the year was so ungrateful as to include in his campaign for abolition of the seed distributing by condemning the use of the same money for agricultural development.

The sending around yearly of 40,000,000 packets of free seeds has been one of the most efficient and economical methods of building political fences ever devised by any nations ancient or modern.

The receipt of such a packet gives the recipient a sense of pleasure that comes from a mention of his name in the local newspapers and if added, the feeling that direct representative is right on the job and is toiling daily to advance the your interests as a property owner and citizen.

Pamphlets from the political leaders.

But the tax payer has always been strongly opposed to the advances acquired by the half million of costs to procure and distribute these seeds.

As a notes of a note, the plant has been truly called nature's jewel on earth. In its silvery heart is held a polony of wealth. In the microscopic difference between a good and a poor seed lies the difference between agricultural wealth and poverty. If this governmental distribution led the farmers to learn the advantages of well selected seed, nature would be well spent.

All the men who are acquiring high cereals, flocks through attention to the choicest of seeds, don't probably get their information from the government. No one would, unless the government went into the business of seed farming on a vast scale.

- Instead they ally themselves with some good seed producing house, many of which are doing such remarkable work. We own to our scale that never sends out a seed unless it has tested 50 per cent. of germination, and the average runs 90 to 95 per cent.

- We are all our farmers to use such seed as this, there would be no pest the pathetic naked spots in our grain fields, which means high costs, and high priced bread for the people. — (Ill.) Bulletin.

Notes.

- Baltimore, Md. — Wiseman & Dowees is a new seed firm who has opened a seed store on Pratt street.

- Columbus, Ohio — The Miller Seedmaker Seed Co. have reduced their capital stock from $5,000 to $1,000.

- Milwaukee, Wis. — Hunkle's seed store has filed an amendment changing its name to the H. G. Hunkle Co.

- Mr. Elnar Knutsson, representing Hjalmar Hartmann, Copenhagen, has been present in the seed trade in the United States and Canada, and will stay two or three months here.

- West Hoboken, N. J. — Hans P. and Johanna Irven, doing business as the Boule Seed Store, filed a petition in voluntary bankruptcy on September 26th. Liabilities, $4,995.11; assets, $1,936.00.

INCORPORATED.

- Portland, Ore. — Articles of incorporation have been filed by the Chexmas Greenhouse Co., capital stock, $50,000. Incorporators, E. Niklas, Albert Herbert and William Lawrence.

- New York, N. Y. — D. J. Pappas, to deal in natural and artificial flowers, shrubs, etc., capital stock $10,000. Incorporators, Demetrios Pappas, Michael A. Papas, Nicholas C. Kounoskos, all of 275 Broadway.

- Sherman, Texas — Early Wheeler Orchard Co., capital stock $20,000. Incorporators, Mr. H. B. Smith, T. H. Smith, Goff, W. H. Rodgerson, H. R. Wallace and C. C. Mayhew of Sherman, L. M. Morehead of Dallas, and J. E. Wallace of Fort Worth.

GIANT

English Cythamen Seed—best strain, $5.00 per 100. Fancy Seed—home grown, $5.00 per oz. Michonette Greenhouseforcing, $5.00 per oz., 1/2 oz. $1.00.

S. S. SKIDELSKY & CO. 1215 Betz Bldg. Philadelphia
ANNOUNCEMENT

We beg to announce to our friends and patrons that Mr. R. J. Irwin is no longer connected with us, S. S. SKIDELSKY & CO., having on this date—October 2nd, 1911—succeeded the concern of Skidelsky & Irwin Co.

We take this opportunity to thank our friends for their favors in the past and to assure them that it shall be our aim to merit their confidence as well as their patronage also in the future.

Respectfully,

S. S. SKIDELSKY & CO.
1215 Betz Building, Phila., Pa.

LEONARD SEED CO.
725-230 W. KINZIE STREET, CHICAGO
Wholesale
SEED GROWERS AND DEALERS

POULTRY and FRUIT REVIEW

A publication on the farm journal that reviews all poultry and fruit papers in the United States, will be sent on trial one year to all who send 10 cents, to pay wrapping and postage, and names of three fruit or poultry raisers.

THE REX COMPANY
HARRISBURG, PA.

CHOICE BULBS

In great variety for present planting—in-doors and out

THOMAS J. CREY CO.
32 South Market Street, Boston, Mass.

BURPEE'S SEEDS

Blue List of Wholesale Prices mailed only to those who plant for profit.
ALBANY, N. Y.

EYRES

Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
11 NORTH PEARL ST., ALBANY, N. Y.

JOHN BREITMEYER'S SONS
Cor. Miami and Gratiot Aves.
DETROIT, MICH.

Artistic Designs... High Grade Cut Blooms
We cover all Michigan points and good
sections of Ohio, Indiana and Canada.

WILLIAM J. SMYTH
FLORIST
Cor. Michigan Ave. and 31st St., CHICAGO
We ship to all points in Illinois and Iowa.

SAML. MURRAY
Kansas City, Mo.
913 Grand Ave.
All Orders Given Prompt and Careful Attention.

WASHINGTON, D. C.

GUDE'S
The Far-Famed Flowers of
TORONTO
Delivered on mail or telegraph order for
any occasion, in any part of the Dominion.

J. H. DUNLOP
90 Yonge St. - - Toronto, Ont.

The Park Floral Co.
J. A. VALENTINE
Pres.

DENVER, COLORADO

WILLIAM L. ROCK
FLOWER CO.
Kansas City, -- Mo.
will carefully execute orders for Kansas City and any town in Missouri or Kansas.

W. J. Palmer & Son
304 Main Street, Buffalo, N. Y.
Members Florists' Telegraph Assn.

ALEX. McCONNELL
571 FIFTH AVENUE
NEW YORK CITY

ALEX. McCONNELL
571 FIFTH AVENUE
NEW YORK CITY

ALEX. McCONNELL
571 FIFTH AVENUE
NEW YORK CITY

STEAMER DEPARTURES

| Allan | Namida, Boston-Glasgow...Oct. 13 |
| Cunard | Ffionia, N. Y.-Mediterranean...Oct. 13 |
| England | Francesia, Boston-Liverpool...Oct. 16 |
| Holland-Amerika | Lastingham, N. Y.-Liverpool...Oct. 17 |
| Holland-Amerika | Nooden, N. Y.-Rotterdam...Oct. 10 |
| Holland-Amerika | Rotterdam, N. Y.-Rotterdam...Oct. 17 |
| Rhein | Pres. Grant, N. Y.-Hamburg...Oct. 10 |
| Amsstradam | America, N. Y.-Hamburg...Oct. 17 |
| Leyland | Devonia, Boston-Liverpool...Oct. 10 |
| North German Lloyd | Kip's William, N. Y.-Br'm's...Oct. 13 |
| Red Star | Kip's Canad., N. Y.-Br'm's...Oct. 17 |
| White Star | Vinderland, N. Y.-Antwerp...Oct. 14 |

On any day at
BUFFALO, N. Y.

"FLOWERS BY TELEGRAPH"

BUFFALO, S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport
"THE HOME OF FLOWERS"

The largest cut flower store in America. Orders for the "THAT DAY" and for all North Western points given prompt attention.

HOLM & OLSON, Incorporated
ST. PAUL, MINN.

BUFFALO, S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport
"THE HOME OF FLOWERS"

The largest cut flower store in America. Orders for the "THAT DAY" and for all North Western points given prompt attention.

HOLM & OLSON, Incorporated
ST. PAUL, MINN.

BUFFALO, S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport
"THE HOME OF FLOWERS"

The largest cut flower store in America. Orders for the "THAT DAY" and for all North Western points given prompt attention.

HOLM & OLSON, Incorporated
ST. PAUL, MINN.

BUFFALO, S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport
"THE HOME OF FLOWERS"

The largest cut flower store in America. Orders for the "THAT DAY" and for all North Western points given prompt attention.

HOLM & OLSON, Incorporated
ST. PAUL, MINN.
AN UP-TO-DATE RIBBON HOUSE.

When you say "ribbons" you think of Wetherel's, don't you? It is rarity that one finds that busy place on Broadway, New York, that he is not shown something new, something better for the florists' special use than was ever offered before. Calling on florists a few days ago, there were shown two beautiful new productions—"Silv erine" ribbon, sliver in effect and tarnish-proof, and "Autumn-leaf" ribbon in all autumn tints, especially appropriate for use during the next few weeks. Then there's a radically new chiffon, pattern 891, which as soon as it is let out promises to be the talk of the retail trade. Write and ask, "What is it?"

We were much interested in the many devices for encouraging the use of silverine for special use by florists. It is no small service these brothers are doing for the florist trade—especially the growers of rare and high-class flowers—in making possible a revival of the time-honored fashion of decking the gown with fresh flowers, without injury to the fabric. Some criticism was made over the award by the S. A. F. of certificates of merit in the florists' supply department at Baltimore, but there are several standpoints from which to consider these things and we hope in awarding certificates to Wetherel's cornerstone and "Werbro" corsage shields the judges didn't go so very far wrong even from the point of view of the flower grower. The corsage shields are transparent celluloid cut into proper shape and with apertures for the insertion of pin and ribbon. The corsages are dainty, lacy things and are provided in all colors, to match dress, etc. There are no less than fifteen different new styles of corsage ribbon of indestructible waterproof material and your lady customers only need, like the man from Missouri, to be shown.

NEW FLOWER STORES.


A HOLIDAY.

Correspondents will please note that as Columbus Day, which is a legal holiday, falls upon our regular publication day, we shall go to press on Wednesday and consequently all news matter, advertisements, etc., intended for that week's issue should be mailed one day earlier than usual.

CINCINNATI NOTES.

Geo. Mack, who was seriously ill, is reported as much better. Harry Sunderhaus is now with C. E. Critchell's clerical force. E. G. Gillett and E. A. Foster went to New Castle, Ind., Thurs. Charles and Louis Murphy lost their father by death last week. They have the sincere sympathy of their many friends.

Bloomburst Floral Co. are cutting a most excellent crop of Tafts. This rose has surely demonstrated that it is the best summer pink rose on the market.

The Flower Show Committee have, in addition to their own efforts, the co-operation of the Cincinnati Convention Association, and the many railroad running in all directions from this city. The committee men are very confident of the success of the affair and feel that all that is necessary now to make it a success is the coming out in force of exhibitors, for the crowd and money is assured. Advertising matter is being put out as fast as it leaves the press.

Victor Hollingsworth, the Florist, of Atlanta, Ga.

THE NEW BREITMEYER STORE.

Following a cordial invitation of Mr. Breitmeier many of the Detroit florists availed themselves to visit and inspect his new store with their wives. The store proper is 3 stories high and measures 44 feet wide, 75 feet 5 inches long, with a conservatory of the same width and 37 feet 9 inches long extending back into the alley. A few sized basement rooms still more room for working and the storing of the many things which make up its full compliment of an up-to-date store. Expense has been kept down to make the store attractive and practical to turn out big work in a short time. The store is occupied now but the official opening will be Saturday, Oct. 7.

"FLOWERS BY TELEGRAPH."

Leading Retail Florists Listed by Towns for Ready Reference.


Bexhport—Thos. F. Calvin, 124 Tremont St.

Boston—Edw. Macduff, 124 Boylston St.

Boston—Penn, the Florist, 37-45 Broad street.

Bostn.—Juliana A. Zinn, 1 Park St.

Brooklyn, N. Y.—Robert G. Wilson, Fulton St. & Greene Ave.

Buffalo, N. Y.—Palmer's 504 Main St.

Buffalo, N. Y.—K. A. Anderson, 401 Main St.

Chagrin Falls—William J. Smyth, Michigan Ave., and 33rd St.

Denver, Col.—Park Florist Co., 1438 B'way.

Detroit, Mich.—Breitmeier's Sons, 3133 & Gratiot Ave.

Kansas City, Mo.—Samuel M. Bull, 1218 Grand Ave.

Kensico, Mo.—Wm. F. Rock Flower Co., 1112 Oak Park.

Loulville, Ky.—Jacob Schults, 550 South Main St.


New York—Alexander, 515 5th Ave.


New York—Young & Co., 29 N. 29th St.

New York—Darda, E. N. cor. 44th St. and Madison Ave.

St. Paul, Minn.—Holm & Olson.

Toronto, Can.—J. H. Dupleck, 98 Yong St.

Washington, D. C.—Bros. 1214 F Street.

Wellsle, Mass.—Taby.

Gloucester, Mass.—Samuel Curtis, the firm of S. Curtis & Sons, florists, was struck by an automobile on September 27 and considerably bruised.
For this week we are offering at attractive prices, representing good value:

**BEAUTIES**
$1.00-$3.00 per dozen.

**CATTLEYAS**
$6.00 per dozen. Special price in quantity.

**DAHLIAS**
$3.50-$5.00 per 100.

**DOROTHY PEACOCK**
$5.00 PER 100.

Business Hours, 7 A.M. to 8 P.M.

**The Leo Niessen Co.**
WHOLESALE FLORISTS
N. W. Corner
12th and Race Sts., PHILADELPHIA

---

**TO CUT FLOWER GROWERS AND RETAIL FLORISTS**

**IF YOU** want to find a market for your product
want a regular or special supply of the product of the best growers

Consult the Advertisements on these Wholesale Flower Pages

The Advertisers Represented Here are the Leading Concerns in the Wholesale Flower Trade

---

**WELCH BROS.**
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED

226 Devonshire Street, Boston, Mass.

---

**WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100 TO DEALERS ONLY**

<table>
<thead>
<tr>
<th>ROSES</th>
<th><strong>BOSTON</strong></th>
<th><strong>CHICAGO</strong></th>
<th><strong>ST. LOUIS</strong></th>
<th><strong>PHILA.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Oct. 7</td>
<td>Oct. 3</td>
<td>Oct. 3</td>
<td>Oct. 3</td>
</tr>
<tr>
<td>Anemone, Beauty, Fancy and Special</td>
<td>10.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Extra</td>
<td>10.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>No. 1.</td>
<td>6.00</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>3.00</td>
<td>5.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Richmond Chaste, Fancy &amp; Spl.</td>
<td>10.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Lower grade</td>
<td>5.00</td>
<td>8.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fan &amp; Spl.</td>
<td>5.00</td>
<td>8.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Low grades</td>
<td>5.00</td>
<td>8.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Pride, 'Mild'</td>
<td>5.00</td>
<td>8.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Kalestra, Caro, Tel.</td>
<td>0.00</td>
<td>3.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>DOROTHY PEACOCK</td>
<td>10.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Carnations, Fast Quality</td>
<td>5.00</td>
<td>7.50</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Ordinary</td>
<td>1.00</td>
<td>1.50</td>
<td>1.00</td>
<td>1.50</td>
</tr>
</tbody>
</table>

**MISCELLANEOUS**

Catleyas: 35.00 to 40.00.
Lilies, Longiflorum: 6.00 to 10.00.
Lily of the Valley: 2.00 to 3.00.
Chrysanthemums: 10.50 to 15.00.
Gladioli: 1.00 to 2.00.
Asters: 0.25 to 1.50.
Violets: 0.25 to 50.
Dahlias: 0.25 to 1.50.
Sweet Peas: 0.25 to 1.50.
Gardenias: 2.00 to 3.00.
Adiantum: 1.00 to 1.50.
Squirrel's Plumosa: 0.10 to 0.25.

* & Spirea (100 lbs.) 0.10 to 0.25.

---

**J.A. BUDLONG**
82-84-86 E. Randolph St., Chicago

**OUR STOCK IS A-1 AND IT IS QUALITY NOT PRICES THAT TALKS**

---

**Chicago Flower Growers' Association**
Wholesale Growers of Cut Flowers and Plants
176 N. Michigan Ave., BETWEEN RANDOLPH AND LAKE STREETS, CHICAGO

---

**HENRY M. ROBINSON & CO.**
15 Province St., 9 Chapman Pl., BOSTON, MASS.

Everything in Flowers
Complete Stock of Florists' Greens,
Three Floors of Florists' Supplies.

**TRY MY PRICES.**
Tel. Main 6263-2.
19 Province St., Boston, Mass.
Manufacturer of Florist Wire Designs, All kinds of Florist Supplies.
New Crop Digger and Fancy Ferns, $1.75 per 1000. Green and Bronze Gals, 2c. per 1000; by the case, $7.50; Boxwood, 50-cf. case, $10; by the lb., 5c. Laurel Wreaths, 10-inch, $1.75 per doz.; 12-inch, $2.25 per doz.; 14-inch, $2.60 per doz.; 16-inch, $4.50 per doz.; Laurel Trimming, 6 and 8c. per ft.
FLOWER MARKET REPORTS

The present week seems to show a demand for the flowers in Boston market. The prices have increased in quantity, especially on garden stock, and a good clear field is left for anyone having a present crop of nice indoor material of any sort. This is not likely to be a very permanent condition, though, as the chrysanthemum industry will make short work of it as soon as it begins in earnest. Roses and carnations are doing finely this week. Cattleyas are having the advantage of a busy market, and although the sale is on with great rapidity the supply is nicely absorbed. Violets begin to make an impression. They are single varieties as a rule, and quality is excellent for so early a date.

Fifteen rainy days in the month of September naturally made the trade anticipate a change with the coming in of October. However, they have been disappointed and the retailer especially is finding trade business very dull in consequence. The wholesaler who has a shipping trade is not affected by the rain except in the quality of his stock, which is about up to an average year, notwithstanding. Carnations are not coming in quite as strong as when brighter weather prevails, but many excellent ones are seen. Beauties are fast going off crop at some of the houses. There is a good demand for them and none go to waste. Killarneys are excellent and the supply covers all lengths. Melody shows up as a deep violet, and chrysanthemums are fast becoming queen of the day. October Frost, Golden Glow and Smith's Triumph are the three varieties now in, with the yellows outselling the white. Asters are not considered a very good commodity now, though good ones usually find sale. Dahlias packed in special boxes make fine counter display, but are not general favorites with the trade. As if the wholesalers did not have enough troubles of their own, asters are now coming in from Massachusetts (?). With the abundance of white chrysanthemums now in the market asters are not selling particularly well and the quality of the eastern stock is not in the "fancy" class.

As the cooler weather approaches the busy season aspect. Roses and carnations rather than asters and gladiolus are the popular blooms. The season of the latter two has been somewhat different than in the past. Both came in later than usual and at first brought the very highest prices. Then early asters soon were in a glut. This glut lasted through mid-season, until the late ones came in. These were in larger quantity than ever before and naturally brought only bottom prices. The glad-loli held at their high prices for a time and soon were glutted and remained thus for the balance of the season. Roses of all kinds are in strong supply and while last week the demand was erratic, this week, up

WHOLESALE FLOWER MARKETS—TRADE PRICES—PER 100

<table>
<thead>
<tr>
<th>ROSES</th>
<th>CINCINNATI</th>
<th>DETROIT</th>
<th>BUFFALO</th>
<th>DALLAS</th>
<th>NEW YORK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Am. Beauty, Fan, &amp; Sp.</td>
<td>30.00 to 35.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>35.00 to 40.00</td>
</tr>
<tr>
<td>&quot;Extra&quot;</td>
<td>35.00 to 40.00</td>
<td>30.00 to 35.00</td>
<td>30.00 to 35.00</td>
<td>30.00 to 35.00</td>
<td>40.00 to 45.00</td>
</tr>
<tr>
<td>&quot;No. 1&quot;</td>
<td>30.00 to 35.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>35.00 to 40.00</td>
</tr>
<tr>
<td>Chrysanthemums</td>
<td>30.00 to 35.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>35.00 to 40.00</td>
</tr>
<tr>
<td>Gladiolus</td>
<td>20.00 to 25.00</td>
<td>15.00 to 20.00</td>
<td>15.00 to 20.00</td>
<td>15.00 to 20.00</td>
<td>20.00 to 25.00</td>
</tr>
<tr>
<td>Asters</td>
<td>15.00 to 20.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>15.00 to 20.00</td>
</tr>
<tr>
<td>Violets</td>
<td>20.00 to 25.00</td>
<td>15.00 to 20.00</td>
<td>15.00 to 20.00</td>
<td>15.00 to 20.00</td>
<td>20.00 to 25.00</td>
</tr>
<tr>
<td>Killarney</td>
<td>30.00 to 35.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>35.00 to 40.00</td>
</tr>
<tr>
<td>&quot;Low Grades&quot;</td>
<td>30.00 to 35.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>35.00 to 40.00</td>
</tr>
<tr>
<td>&quot;Low Grades&quot;</td>
<td>15.00 to 20.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>15.00 to 20.00</td>
</tr>
<tr>
<td>&quot;Low Grades&quot;</td>
<td>20.00 to 25.00</td>
<td>15.00 to 20.00</td>
<td>15.00 to 20.00</td>
<td>15.00 to 20.00</td>
<td>20.00 to 25.00</td>
</tr>
</tbody>
</table>

CARNATIONS, First Quality

<table>
<thead>
<tr>
<th>CARNATIONS, First Quality</th>
<th>Ordinary</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;I&quot;</td>
<td>15.00 to 20.00</td>
</tr>
<tr>
<td>&quot;II&quot;</td>
<td>10.00 to 15.00</td>
</tr>
</tbody>
</table>

MICHELLEBANKS

<table>
<thead>
<tr>
<th>MICHELLEBANKS</th>
<th>CINCINNATI</th>
<th>DETROIT</th>
<th>BUFFALO</th>
<th>DALLAS</th>
<th>NEW YORK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cattleyas</td>
<td>30.00 to 35.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>35.00 to 40.00</td>
</tr>
<tr>
<td>&quot;Lilies, Longstem&quot;</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>15.00 to 20.00</td>
</tr>
<tr>
<td>&quot;Lily of the Valley&quot;</td>
<td>5.00 to 8.00</td>
<td>5.00 to 8.00</td>
<td>5.00 to 8.00</td>
<td>5.00 to 8.00</td>
<td>6.00 to 9.00</td>
</tr>
<tr>
<td>&quot;Gardenias&quot;</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>15.00 to 20.00</td>
</tr>
<tr>
<td>&quot;Asparagus Flowers, alba (100)&quot;</td>
<td>35.00 to 40.00</td>
<td>30.00 to 35.00</td>
<td>30.00 to 35.00</td>
<td>30.00 to 35.00</td>
<td>40.00 to 45.00</td>
</tr>
<tr>
<td>&quot;Asparagus Flowers, tinged (100)&quot;</td>
<td>35.00 to 40.00</td>
<td>30.00 to 35.00</td>
<td>30.00 to 35.00</td>
<td>30.00 to 35.00</td>
<td>40.00 to 45.00</td>
</tr>
</tbody>
</table>

It is hard to explain how the chocked up, encumbered condition of the wholesale market here at certain periods other than to assume that the growers and shippers of dahlias and other easily grown material have multiplied and the ex

Continued on page 516.
M. C. FORD
Successor to
FORD BROTHERS
121 West 28th Street
NEW YORK
FINE ROSES, FANCY CARNATIONS
A Full Line of All CUT FLOWERS.
Telephones, 3870 or 3871 Madison Square

H. E. FROMENT
Wholesale Commission Florist,
Choice Cut Flowers,
67 West 28th St. :: NEW YORK
Telephones: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send for quotations. Correspondence with shippers of first-class stock invited.
130 West 28th Street, New York
Telephones 1026-1027 Madison Square.

Edward C. Horan
Wholesale Florist
55 WEST 28TH ST.

Greater New York Florists' Association, Inc.

Moore, Hentz & Nash
Wholesale Commission Florists
55 and 57 West 26th Street
Telephones No. 749 Madison Square New York

WM. P. FORD—Wholesale Florist
45 W. 28 ST, NEW YORK
Call and Inspect the Best Establishment in the Wholesale Flower District

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ MAURICE L. GLASS
Coogan Building, 55-57 West 26th Street
NEW YORK CITY
Telephone 2671 Madison Square Open from 8 a.m. to 6 p.m.

THE KERVAN COMPANY
Fresh Cut Evergreens, Mosses, Southern Smilax, Dalias and Leucothee, Preserved and Fresh Cut Cyclic and Palmetto.
Tel. 1359 Madison Square, I 13 W. 28 St., New York.

REED & KELLER
122 West 28th St., New York

Florists' Supplies
We manufacture all our Metal Designs, Baskets, Wire Work & Novelties and are dealers in Decorative Glassware, Glass and Florists' Ramaditas

P. J. SMITH
Successor to JOHN J. RAYNOR
Wholesale Commission Florist
Selling Agent for LARGEST CROWRSERS
The HOME OF THE LILY

T. E1. 98 MADISON SQUARE
49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—3533-3534 Madison Square

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
The HIGHEST GRADE OF VALLEY ORCHIDS
Always on Hand
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, Tel. 769 Madison Square

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th>Name</th>
<th>Last Half of Week ending Sept. 30</th>
<th>First Half of Week beginning Oct. 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Beauty</td>
<td>12.00 to 25.00</td>
<td>12.00 to 25.00</td>
</tr>
<tr>
<td>Fancy and Special</td>
<td>20.00 to 45.00</td>
<td>20.00 to 45.00</td>
</tr>
<tr>
<td>Extra</td>
<td>20.00 to 45.00</td>
<td>20.00 to 45.00</td>
</tr>
<tr>
<td>No. 1</td>
<td>20.00 to 45.00</td>
<td>20.00 to 45.00</td>
</tr>
<tr>
<td>Extra</td>
<td>20.00 to 45.00</td>
<td>20.00 to 45.00</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>20.00 to 45.00</td>
<td>20.00 to 45.00</td>
</tr>
<tr>
<td>Richmonds</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Chatman</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Extra and Special</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Killer's, Marylan</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Daughters</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Killery</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>D'Arbe</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Extra</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Ordinary</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Bridal</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Kaltsch</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Carnations, First</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Extra</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Ordinary</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Special</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Fancy</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Special</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>Quality</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York

Siebrecht & Siebrecht
Wholesale Florists
136 W. 28th St., New York City

Frank H. Treonody
TRAENDLY & SCHENCK
Wholesale Florists
131 West 28th St., New York

Charles Scheck

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers
54 West 28th St., NEW YORK
Prompt Shipment. Telephone 3559 Madison Sq.

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK
Shipments, any quantity, Wholesale- Retail Rates.

ROBERT J. DYSAK
Public Accountant and Auditor

Wired Toothpicks
Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000... $1.75, 50,000... $7.50. Sample free
For sale by dealers

28 STATE ST. • BOSTON
Telephone, Main 58
Flower Market Reports. (Continued from page 500)

PHILADELPHIA distinctly felt the adverse weather conditions of the last week and the market has suffered accordingly. The price tendency is much in favor of the buyer. Gardenias have ceased for the next few weeks. Heavy rains of the last two days have caused congestion in the market which will continue for some time.

NEW YORK QUOTATIONS PER 100. To Dealers Only.

ST. LOUIS reports that the demand for flowers is very good this week. The demand for asters is increasing and the price is favorable. The market is doing well this week.

WASHINGTON reports that the demand for flowers is very good this week. The demand for asters is increasing and the price is favorable. The market is doing well this week.

BOSTON reports that the demand for flowers is very good this week. The demand for asters is increasing and the price is favorable. The market is doing well this week.

PROVIDENCE reports that the demand for flowers is very good this week. The demand for asters is increasing and the price is favorable. The market is doing well this week.

The flower market last week was quite good. The demand for asters is increasing and the price is favorable. The market is doing well this week.

Monday, has been postponed to October 15th, a scarcity of flowers being responsible for the change at the last minute. With the exception of roses, there is very little on the market and the growers decided that it was useless for them to attempt to start the new project unless they had sufficient stock to make a good showing. The bidding at first was heavy, but soon tapered off and the minimum was reached at $3. The purchasers of flowers were: O. H. Williams & Sons, Wm. Hoffman, F. Macrae & Sons, W. S. Nichol, Geo. E. King and John Marshall.

Four applications have been made for the position of manager. The market will be open from 7 a.m. to 5 p.m.

BOSTON MARKET NOTES.

George McAlpine who started rose-growing at Exeter, this year, is already cutting some fine stock.

William Patterson of Wollaston, Mass., has an excellent supply of the hardy chrysanthemums, which has been extremely popular with the trade in this vicinity.

A. Leuthy, proprietor of Perkins Street Nursery, Roslindale, Mass., has just received a shipment of over 20,000 azaleas and among them are many novelties that will be shown for exhibition purposes this year, and which will be of interest to the buyer. He also states that the kentias he has received are about the best he has ever placed upon the market.
ACCOUNTANT
R. J. Dysart, 26 State St., Boston.
For page see List of Advertisers.

ACHMANTHEES
Achmantis, I., de Bailey, 2 lb., $2.50 per lb.
THE GEO. WITTBOLD CO., Edgebrook, Chicago, III.

ADVERTISING SERVICE

AGERATUM
Ageratum, Stella Gurney, 2 in., $2.00 per 100.
THE GEO. WITTBOLD CO., Edgebrook, Chicago, III.

ALTERANTHERAS
Chas. H. Totty, Madison, N. J. For page see List of Advertisers.
Alteranthera, rooted cuttings, Aurea Nana, Gramittissima, Paronychoidea Major, $1.50 per 100.
THE GEO. WITTBOLD CO., Edgebrook, Chicago, III.

ALYSSUM
Alyssum, double mixed, Large 24-inch plants, $2.00 per 100. Jos. Trudel, Cana

AERLICAMAS
For page see List of Advertisers.

ANTHRIS
Godfrey Aaschman, 3101 Ontario St., Philadelphia.
For page see List of Advertisers.

ARKANRAS
For page see List of Advertisers.

BEGONIANS
Anarcaria Excelsa, 4 in., 4 tiers, 50c. each, $1.00 doz.
THE GEO. WITTBOLD CO., Edgebrook, Chicago, III.

ARTIFICIAL FLOWERS
Markovitz Bros., Importers and Manufacturers of Natural Ferns, Palm and Wax Rex, 254 Main St., Free Ave., Chicago, Ill. Phone Monroe 4520.

ASPARAGUS
For page see List of Advertisers.

ASPARAGUS
A. N. Pierson, Inc., Cromwell, Conn. For page see List of Advertisers.
Sparagis ramosus seedlings, clumps, sprays and seeds. Write for prices. Peter Mac., Orlando, Fla.

ASPARAGUS
Asparagus plumosus seedlings, clumps, sprays and seeds. Write for prices. Peter Mac., Orlando, Fla.

ASYRAS

ASYRAS
Asparagus Sprengeri and Plumosus, fine extra strong healthy stock from 3 in. pots, $3.00 per 100; 4 in. pots, $4.25 per 100. Write for further stock order for the money. Plant now to cut from. O. B. Knecht, 22 Alexander Ave., Belmont, Mass.

BULBS AND TUBERS
Joseph Bregg & Sons, 47-54 N. Market St.
French and Dutch Bulbs. For page see List of Advertisers.

CARNATIONS
Wholesale Catalogue. For page see List of Advertisers.

CANNAS
Richards Bros., 37 East 100th St., New York.
For page see List of Advertisers.

CARNATIONS

CARNATIONS
For page see List of Advertisers.

CHRYSANTHEMUMS
James Vick's Sons, Rochester, N. Y.
For page see List of Advertisers.

CHRYSANTHEMUMS
L. W. Barnard Co., Chicago, Ill. For page see List of Advertisers.

CHRYSANTHEMUMS
W. W. Flaherty Co., 14th St., N. Y.
For page see List of Advertisers.

CHRYSANTHEMUMS
Flaherty, Fiske, Rawson Co., Boston, Mass. For page see List of Advertisers.

CHRYSANTHEMUMS
E. H. Barnard Co., New York, N. Y.
Bulbs and Roots for Fall Planting. For page see List of Advertisers.

CHRYSANTHEMUMS
A. Henderson & Son, Chicago, Il
Narcissus Paper White Grandiflora. For page see List of Advertisers.

CHRYSANTHEMUMS
R. Vincent, Jr. & Sons Co., White Marsh, Md.
For page see List of Advertisers.
CHRYSANTHEMUMS—Continued

CHRYSANTHEMUMS, root cuttings, 20c. each, 50c. per doz., 1.00 per box; 50c. each, $1.25 per doz., $2.50 per box. All kinds. The Geo. Wittbold Co., Chicago, Ill.

CINERARIAS

Cinerarias, best strains, 25c. each, $2.00 per doz.; 50c. each, $3.00 per doz.; 75c. each, $5.00 each, or $10.00 each. THE GEO. WITTBOLD CO., Edgewater, Chicago, Ill.

COCOANUT FIBER SOIL

20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

COLEUS

Coleus, root cuttings, 3.50c. each, $3.00 per 100; 5.00 per 250; 10 cents each, 50c. per doz.; 75c. each, 1.50 per doz.; 95c. each, 3.00 per doz.; $1.00 each, or $5.00 each. THE GEO. WITTBOLD CO., Edgewater, Chicago, Ill.

CROTONS

Crotons, 2½ in., $1.00 per doz.; 3 in., $1.50 per doz.; 4 in., 25c. each, $3.00 per doz.; 6 in., 25c. each, $5.00 per doz.; 7½ in., 50c. each, $10.00 each. THE GEO. WITTBOLD CO., Edgewater, Chicago, Ill.

CYCLAMENS

Cyclamen—Best Varieties in different colors, 3 inch pots, strong plants, $1.00 per 100. For page see List of Advertisers—See Violette Company, Rutherford, N. J.

DAHLIAS

Dahlia, Herbert, N. J. For page see List of Advertisers.

R. Vincent, Jr. & Sons Co., White Marsh, Md. For page see List of Advertisers.

For page see List of Advertisers.


Double Dahlias, mixed, nice plants, $1.25 per 500; $2.00 per 1000; M. B. Hammond Co., 25 Barrett St., Providence, R. I.


Dahlias, divided, from 1 to 3 eyes to the piece. Send for list and get the latest varieties. W. P. LOTTHROP, Brockton Dahlias, Brockton, Mass.

Dahlias NEW FOR 1911


DAHLIAS

Have a surplus of the following standard kinds:

White, Camesilla, Henry Patrick, Earl A. Livings, Melrose, Yellow, Catherine, Clifford Brunot, Yellow Jem.

F. H. Lyndhurst, Wm. Agnew, In- dian Chief, Souv. Gustave de Douzant, the best red for cutting.

Cash price for extra heavy field clumps good for five (5) and more good divisions, $1.50 per dozen; $5.00 per 50; $5.00 per 500; $4.50 per 1000. Cash please.

W. G. FINGER


DECORATIVE PLANTS


Robert Craig Co., Market and 49th Sts., Chicago, Ill. For page see List of Advertisers.

John Scott, Brooklyn, N. Y. For page see List of Advertisers.

FERTILIZERS

20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

Pulverized Manure Co., 31 Union Stock Yards, Chicago, Ill. Wizard Straw Mulch Manure.

THE NEW MINERAL FERTILIZER CO., 19 Exchange Place, Boston, Mass. For page see List of Advertisers.


Hardwood ashes, best fertilizer on earth for lawns and gardens. George Stevens, Peterborough, Ont., Canada.

FIRES

Fires Elastica (rubber), 6 in., 50c. each, $3.00 per doz. Repens vines, 2½ in., 50c. each. THE GEO. WITTBOLD CO., Edgewater, Chicago, Ill.

FEVERFOW

Feverfew, Unrooted cuttings, 50c. per 100, or $4.00 per 1000. Mail prepaid. Adolph E. E. Koch, Nobsob, Mass.

FLORISTS' ENCYCLOPEDIA


FLORISTS' SUPPLIES

N. F. McCarthy & Co., 81 Hawley St., Boston, Mass. For page see List of Advertisers.

H. H. Robison & Co., 15 Province St. and 9 Chapman Place, Boston. For page see List of Advertisers.


Reed & Keller, 122 W. 25th St., New York. For page see List of Advertisers.


S. S. Peacock-Meahan, Philadelphia, Pa. For page see List of Advertisers.

FLOWER POTS

W. H. Ernest, 28th and M St., Detroit, Mich. For page see List of Advertisers.


Hilting Bros., F. Edward, N. Y. For page see List of Advertisers.

Sweeney Botany Co., Syracuse, N. Y. For page see List of Advertisers.

Peters & Reed Pottery Co., Zanesville, O. For page see List of Advertisers.

FORGET-ME-NOTS

Forget-me-nots, Royal Blue, 24 in. pots, 200 Victorias in 24 in. pots, $2.00 per 100. Cash, M. B. Sanders Co., 25 Burnett St., Providence, R. I. Mass.

Forget-me-nots, winter flowering, large clumps, to close out, $1.00 per 100. Plants from seed grown. See our catalogue. Cash, M. B. Sanders Co., 25 Burnett St., Providence, R. I. Mass.

FRUIT TREES

Dwarf Fruit Trees, by F. A. Wembly, mailed to your address for 55 cents by Horticulture Publishing Co., 11 Hamilton Place, Boston.

GALAX

Michigan Cut Flower Co., 38 and 40 Broad- way, Detroit, Mich. For page see List of Advertisers.

Kervan Co., New York. For page see List of Advertisers.

G. H. Robinson & Co., 15 Province St. For page see List of Advertisers.

GERANIUMS

R. Vincent, Jr. & Sons Co., White Marsh, Md. For page see List of Advertisers.

G. H. Robinson & Co., 15 Province St. For page see List of Advertisers.

For page see List of Advertisers.

Geraniums, Nut, Poltiverine, Hrerd, Fer- kies, Vland, Blanchard, 7½ in. and 5 inch cuttings, $1.00 per 100; $10.00 per 1000. Edward Waltus & Co., Berlin, N. Y.

Geraniums, S. A. Nut 2 in. Rose 2, $2.00 per 100. THE GEO. WITTBOLD CO., Edgewater, Chicago, Ill.

GLADIOIDES

Frank Banning, Kingman, O. Silver Trophy and Florist Mixture Gladi- olus bulbs, 10,000, large also small sizes, for sale to Obtaining shipper, 63 Con- crete St., Rosslindale, Mass.

GLASS

Boston Plate & Window Glass Co., Boston. For page see List of Advertisers.

Standard Plate Glass Co., 25-30 Sudbury St., Boston. For page see List of Advertisers.

For page see List of Advertisers.

Foley Mfg. Co., Western Ave., between 55th and 56th Sts., Chicago. For page see List of Advertisers.

Sharp, Partridge & Co., 22d and Lumbar Streets, Philadelphia. For page see List of Advertisers.

Parahelky Bros., Inc., 59 Monroe Ave., Toronto, Canada. For page see List of Advertisers.

In writing to Advertisers kindly mention Horticulture.
GLASS—Continued
Metropolitan Material Co., 1392-1402 Metropolitan Ave., Brooklyn, N. Y.
For page see List of Advertisers.

Greenhouse glass, lowest prices. John-
ston Glass Co., Hartford City, Ind.

GLAZING POINTS
For page see List of Advertisers.

GOLD FISH
Gold fish, aquarium plants, natal, costes, cat-
elis, globes, aquarium, first foods, nets, etc., wholesale. Franklin Barrett, breeder, 405 E. 82d St., New York. Large breed-
ing pairs for sale. Send for price lists.

GREENHOUSE BUILDING MATERIAL
For page see List of Advertisers.
Klug Construction Co., N. Tonawanda, N. Y.
For page see List of Advertisers.
J. C. Montinger Co., 117 East Blackhawk St., Chicago, Ill.
For page see List of Advertisers.

GREENHOUSE BUILDING MATERIAL—Continued
For page see List of Advertisers.
Lord & Barnham Co., 114 Main St., New York.
S. Jacobs & Sons, 1329-63 Plumbing Ave., Brooklyn, N. Y.

GREENHOUSE CONSTRUCTION
Klug Construction Co., N. Tonawanda, N. Y.
For page see List of Advertisers.
For page see List of Advertisers.
Lord & Barnham Co., 114 Main St., New York.

GUTTERS
Klug Construction Co., Tonawanda, N. Y.
King Channel Gutters.
For page see List of Advertisers.

HAIL INSURANCE
Florists' Hall Assn., of America.
J. G. Edler, Saddle River, N. J.
For page see List of Advertisers.

HAY FEINS AND SUPPLIES
For page see List of Advertisers.
Micha, Stoddard, 28 and 40 Broadway, Detroit, Mich.
For page see List of Advertisers.

HEATING APPARATUS
Kroeschell Bros. Co., 609 Erie St., Chicago.
For page see List of Advertisers.
Lord & Barnham Co.,
114 Main St., New York.

HEATROPE
Hollwegge, 2 In., $2.00 per 100.
25 Gal. WITTBOLE Co.,
Edgebrook, Chicago, III.

HERBACEOUS PLANTS
P. Owerkerk, F. O. No. 1, Hoboken, N. J.
For page see List of Advertisers.
For page see List of Advertisers.
Bobbink & Atkins, Rutherford, N. J.
For page see List of Advertisers.

HYMENOCALLIS LILY
Pulvis, 75c per 100, to A. J. Harrison's Select Nursery Co., York, Neb.
HONEYSCY
A. L. Miller, Brooklyn, N. Y.
For page see List of Advertisers.

HOT BED SASH
For page see List of Advertisers.
For page see List of Advertisers.
Parshalsky Bros., Brooklyn, N. Y.
For page see List of Advertisers.

HYDRANGEAS
For page see List of Advertisers.

INSECTICIDES
Eastern Chemical Co., Boston, Mass.
Imp. Soap Spray.
For page see List of Advertisers.
For page see List of Advertisers.
Klummed Tobacco Dust.
For page see List of Advertisers.
Aphine Manufacturing Co., Madison, N. J.
Aphine.
For page see List of Advertisers.
E. H. Hunt, Chicago, III.
To-Rake-In Products.
For page see List of Advertisers.
Wilson Plant Oil and Fertilizer Co., New York.
NEW YORK.
W. W. H. Oil.
For page see List of Advertisers.
Acme Nitro Insecticide sold direct to the grower. Acme Freiftaching Paper, case of 1250, price of 24 sheets 60 cents, postpaid. J. F. Bierman, 9 Washington St., Atlantic, N. J.

IRIS
Imperial Japanese Iris.
For page see List of Advertisers.

JETHRO.
Kervan, $2.00; Celestine, Silvered, $3.00; Chelidonium, $4.00; Pheasant, $4.50; Mamm, $5.00, Black, $6.00, Japanese, $6.00, and Purple Queen, $6.00; Delicato, and Sals Sosel, $2.50; Pum-
bl, and Silverb Blue, $2.50 per 100 in. N. H. Harrington's Select Nursery Co., York, Neb.
Iris Germans in clumps, not division, at $2.00 per 100 if taken at once; to clear space, F. F. Snel, Shermerville, Ill.

KENTUCKY
Germany, 2$.
25c per 100.
THE GEO. WITTBOLE Co., Edgebrook, Chicago, III.

KENTUCKY
T. C. New York.

JAPANESE LILIES
Loechner & Co., New York, N. Y.
For page see List of Advertisers.

LITTORIA
Bobbink & Atkins, Rutherford, N. J.
For page see List of Advertisers.
For page see List of Advertisers.

LITALIA
Rouen, 3 to 4 feet, six to fifteen branches, on ideal bed. $10.00 per 100. C. S. Harrison's Select Nursery Co., York, Neb.

LILIANE HARRISI
For page see List of Advertisers.

LILIAN MULTIFLORUM AND GIGAN-
TEM
For page see List of Advertisers.

LIGURIA
W. Smith & Co., Geneva, N. Y.
For page see List of Advertisers.

LUCAS HARRISI
For page see List of Advertisers.

LUCRETIA
F. O. Pierce Co., New York, N. Y.
For page see List of Advertisers.
Advertisers.

ROSES
Ridley Park Nurseries, Ridley Park, Pa. For page see List of Advertisers.

F. Ouwerkerk, P. O. No. 1, Hoboken, N. J. For page see List of Advertisers.

Robert Craig Co., Philadelphia. For page see List of Advertisers.


Bay Nurseries, Jamaica Plain, Mass. For page see List of Advertisers.

For page see List of Advertisers.

Wood Bros., Flatbush, N. Y. Own Florist Roses. For page see List of Advertisers.

Eastern Nurseries, Jamaica Plain, Mass. For page see List of Advertisers.

For page see List of Advertisers.


For page see List of Advertisers.

WOOD BROS., FLATBUSH, N. Y.

SEED GROWERS

Brazil Seed Growers Co, San Jose, Cal. For page see List of Advertisers.

C. C. Morse & Co., San Francisco, Calif. For page see List of Advertisers.

For page see List of Advertisers.

SEEDS

T. J. Grey Co., 52 W. Market St., Boston. For page see List of Advertisers.

Joseph Breck & Sons, 51 and 52 W. Market St., Boston, Mass. For page see List of Advertisers.

Richards Bros., 57 E. 19th St., New York. For page see List of Advertisers.

Henry F. Michell Co., Philadelphia. For page see List of Advertisers.


For page see List of Advertisers.

Arthur T. Boddington, New York. For page see List of Advertisers.

A. R. Fargiulli & Sons, Philadelphia. For page see List of Advertisers.

Flower Seeds for the Florist. For page see List of Advertisers.

For page see List of Advertisers.

J. H. Thorburn & Co., 33 Baltic St., N. Y. For page see List of Advertisers.

Asparagus Plumosus Nanas Seeds. For page see List of Advertisers.

Futter, Blakes, Kawon Co., Boston. For page see List of Advertisers.

For page see List of Advertisers.

Leonard Seed Co., Chicago, Ill. For page see List of Advertisers.

Pens, Beans, keyboard seeds. For page see List of Advertisers.

Win. Elliott & Sons, New York. For page see List of Advertisers.

For page see List of Advertisers.

James Vicker's Sons, Rochester, N. Y. All Leading Varieties of Seeds. For page see List of Advertisers.


Giant English Cyclopedia and Mignonette. For page see List of Advertisers.

The W. W. Barnard Co., Chicago, Ill. For page see List of Advertisers.

J. Belknap & Son, Baltimore, Md. Dwarf Essex Rape Seed. For page see List of Advertisers.

For page see List of Advertisers.

Moore Seed Co., Philadelphia. For page see List of Advertisers.

New Crop Giant Clymena Seed. For page see List of Advertisers.

Hjalmar Hartmann & Co. For page see List of Advertisers.

Caualflower and Cabbage Seed. For page see List of Advertisers.

SHEET MOSS

The very best quality obtainable. For early orders we will offer reducing prices.

For page see List of Advertisers.

SOLANUM

Solanum Aethiopicum, 6 in. strong plants. Each $5.00. In 50 each, $50.00.

For page see List of Advertisers.

THE GEO. WITTMOLD CO., Edgewater, Chicago, Ill.

SPHAGNUM MOSS


For page see List of Advertisers.

For page see List of Advertisers.


For page see List of Advertisers.
FOR "POT LUCK" TRY US...

HEWS STANDARD POTS

POT MAKERS FOR 140 YEARS

WRITE FOR CATALOGUE AND DISCOUNTS

A. H. HEWS & CO., Inc.

Molin Office and Factories
CAMBRIDGE, MASS.

DEDRE'S "Riverton Special" Plant Tub

No. Dism. Each Doz. 100
19 20 18
12 14 16
10 08 12
8 10 06
6 04 08
4 02 06
2 00 04
Manufactured for us exclusively. The best tub ever introduced. The neatest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handles.


1000 READY PACKED CRATES

STANDARD FLOWER POTS AND BULB PANS can be shipped at an hour's notice. Price per crate.

2000 1½ in. @ $5.00 500 4 in. @ $4.00
1500 2 in. @ 4.50 250 5 in. @ $3.50
1500 2½ in. @ 4.00 250 6 in. @ $3.00
1500 3 in. @ 3.50 250 7 in. @ $2.50
1000 3½ in. @ 3.00 250 8 in. @ $2.00

HILLFINGER Bros., Pottery, Fort Edward, N. Y. August Roller & Sons, 31 Barclay St., N. Y. City Agents. OUR SPECIALTY—Long distance and export trade.

Syracuse Red Pots

"A little pot is soon hot." Likewise a thin pot. This will save you fuel. Our pots are the thinnest and toughest owing to the superior quality of the clay.

New price list on application.

Syracuse Pottery Co., SYRACUSE, N. Y.

STANDARD FLOWER POTS

If your greenhouses are within 500 miles of the Capital, write us, we can save you money.

W. H. ERNEST
28th & N Sts., Washington, D. C.

ALL THE CLAY FOR YOUR Florist's Red Pots is prepared by passing through a screen 800 meshes to the square inch. It is a hurry for pots, order from us.

THE PEERS & RED POTTERY Co.
Zanesville, Ohio.

MASTIC FOR 25¢

(groundhouse Glazing)

USE IT NOW
F. O. PIERCE CO.
12 W. BROADWAY
NEW YORK

Mastic is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.
New Offers In This Issue.

BROAD-LEAVED EVERGREENS.
Eastern Nurseries, Jamaica Plain, Mass. Page see for List of Advertisers.

BUEHLER FINE FLORIST.

CHANGE IN FIRM.

CONTRACT SEED GROWERS.
J. C. Robinson Seed Co., Waterloo, Neb. For page see List of Advertisers.

FLOWERS BY TELEGRAPH.
Pint, C. Oliver, Boston, Mass. For page see List of Advertisers.

HEMP SEED SPECIAL.
J. Boigiano & Son, Baltimore, Md. For page see List of Advertisers.

JAPANESE CALLAS.

RUBBER STAMPS, STENCILS, PRINTING, POULTRY AND FRUIT REVIEW.

GREENHOUSES BUILDING OR CONTEMPLATED.
Marinette, Wis.—George Vatter, one house.
Statham, N. H.—W. H. Lang, one house.
Tecumseh, Texas—J. R. Boyd, one house.
Pittsburg, Pa.—Morris Kaufmann, addition.
Hilliard, Fla.—George M. Zingsheim, range of houses.
St. Cloud, Minn.—St. Cloud Floral Co., house 15x97.
Milford, Conn.—James T. Patterson, range of houses.
Chesternut Hill, Pa.—McG. & Sams, man, house 55x300.
Portland, Ore.—Martin & Forbes, four houses, each 32x200.
Batavonia, Minn.—Clifton Falls Nursery Co., three houses.
Salt Lake City, Utah—Brigham Young University, one house.
Philadelphia, Pa.—Godfrey Scehman, two houses, each 20x75.
Olympia, Wash.—C. H. Goodpasture, house 18x105, one 18x67 and one 16x20.
Racine, Wis.—Asylum avenue greenhouses, three carnation houses, each 20x80. M. B. Lansen, 922 Washington avenue, one house. J. Bensted, 1113 Center street, two houses.

CATALOGUES RECEIVED.

RUBBER STAMPS, 50 BOXES 10 CENTS.

BUEHLER, 114 ST. LOUIS BLVD., PHILADELPHIA.

SITUATION WANTED—Carriage man, violet, mam grower, also bedding plants. J. P. Hersey, Rosindale, Mass.

GARDENER AND FLORIST on private place, experienced indoors and out, single, middle-aged, Scotch. Massachusetts preferred. Best references. X T, care HORTICULTURE.

SITUATION WANTED: Experienced florist, and indoor garden work. Will assume the position of a foreman or second man on a gentleman's private estate. Swede, aged 22, single, but expecting to marry soon. 10 years' experience in greenhouses, and landscape, also floral designing. Able to get satisfactory results out of help. Address "E. F.," care of HORTICULTURE.

FOR SALE—Florists palm wagon for 1 or 2 horses. In good condition Vern L. Schlaff, Erie, Pa.

FOR SALE—Fresh from factory, new 10 x 12, 16 x 18, 16 x 24, double thistle, A and B qualities. Market dropped. New in the time to buy and save money. Parallels Rock, Inc., 50 Montrose Ave., Brooklyn, N. Y.

FOR SALE—Two water tube boilers, 100 H. P. each. Helix type; three tubular boilers, 60 inches by 18 feet; perfect condition and cheap. Armstrong Mfg. Co., Springfield, O.
THE NEW MINERAL FERTILIZER

Will produce MORE and LARGER FLOWERS and of better color than any plant food ever put on the market.

Contains all of the original elements of virgin soil

The above cut shows hollyhocks, nine feet six inches high, with more blossoms and of better color than ever produced by any other fertilizer.

9 LARGER FLOWERS of THE NEW MINERAL FERTILIZER CO., 19 EXCHANGE PLACE, BOSTON, MASS.

Tobacco Paper

“NICO-FUME” LIQUID OVER 40% NICOTINE

By far the CHEAPEST.

Furnishes the Most Nicotine for the Money

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To-Bak-Ine Products Kill Bugs

You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free).

Use any form you choose but buy it of

E. H. HUNTON, 131 N. Wabash Avenue, Chicago

NIKOTEEN The most effective and economical material there is for spraying plants and blooms. NIKOTEEN Selfly extracted from best tobacco, and carefully refined. It is clean and easy to apply. NIKOTEEN Does the work when vaporized either in pans, on pipes, or over a flame. Full Pint Bottles, $1.50.

NIKOTINE APHIS PUNK Specially prepared for fumigating closed houses, it vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphids so cheaply. Price 65c. per case of 12 paraphrased boxes. All Seedmen.

KILMDEAD The best of all the tobacco dusts for Dusting or Fumigating

Slime and Walter Co.

P R Palethorpe Co., OWENSBORO, K.

The Best Bug Killer and Bloom Saver

For PROOF Write to

Wilson Plant Oil & Fertilizer Company
150 Nassau Street, NEW YORK CITY
Horticultural Supplies

Cocoanut Fiber Soil

is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

20th CENTURY PLANT FOOD Co.,
27 Ocean St., Beverly, Mass.
KROESCHELL BOILER
Half the Coal and Half the Work.

"Your No. 13 boiler is carrying 25,000 sq. ft. of glass and I can keep it at 60 degrees in the coldest weather without any trouble. I have three other types of boilers also heating a range of 25,000 sq. ft. of glass, but the No. 13 Kroeschell Boiler ONLY TAKES HALF THE COAL and half the work to get the same results."

J. G. FRITZ, Vincennes, Ind.,
P. S.—Mr. J. G. Fritz, of Vincennes, Ind., has the largest range of glass in Indiana devoted to vegetable forcing.

KROESCHELL BROS. CO., 466 W. Erie St., Chicago, Ill.

KING
THE NAME STANDS FOR ALL THAT IS BEST IN
GREENHOUSE CONSTRUCTION
SEND FOR BULLETINS AND QUESTION BLANKS
KING CONSTRUCTION CO.

Home Office and Factory
N. TONAWANDA
N. Y.

Eastern Sales Office
No. 1 MADISON AVE.
NEW YORK

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St.
BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.
CHICAGO, ILL.

To know a Good Thing is Half Wise, to know and Use it to Advantage, True Wisdom.

MORAL:
Use Advance Apparatus
We invite a careful investigation of these machines and a comparison of their details with any other make.
Our catalog describes them fully—write for one

THE ADVANCE CO.,
Richmond, Ind.

LOUISIANA RED CYPRUS
GREENHOUSE MATERIAL
STEEL GUTTERS, TRUSSES,
PURJNS, PIPE, FITTINGS, GLASS,
Etc.
PRIVATE AND CONSERVATORY
WORK A SPECIALTY.
The Foley Manufacturing Co.
Western Ave. and 26th St., CHICAGO

GLASS
"Cheap as Dirt"
Have you had any prices on greenhouse glass, lately?
Write us at once for our quotations.
We'll surprise you.

PARSHELSKY BROS. CO.
40 Monroe Ave., BROOKLYN, N. Y.

CYPRUS
SASH BARS
32 feet or longer
HOT BED SASH
PECKY CYPRUS BENCH LUMBER
GREENHOUSES
ERECTED AND EQUIPPED COMPLETE IF DESIRED

Write for Circular "D" and Prices
The A. T. STEARNS LUMBER CO.
NEPONSET, BOSTON, MA'S.

GREENHOUSE CONSTRUCTION LUMBER
John C. Moninger Co.
117 E. Blackhawk St., CHICAGO.

The FLORISTS' HALL ASSOCIATION OF AMERICA, insurer of 32,500,000 sq. ft. of glass. For particulars address
John C. Esler, 130 Saddle River, N. J.

In ordering goods please add "I saw it in HORTICULTURE."
The Answer To Your Questions

THE palm house is 20 × 22 and the wing house at the rear out of sight is 20 × 25. It's iron frame construction, just as you thought. Yes it is mighty attractive. Now that we have answered your questions, let us ask just one; are you thinking of building? That's good. We are glad to hear it.

That means you will want our new catalog right away and as soon as you can get things lined up you will want to see some one of us and talk things over. Better have us come right to your grounds and look over the location. That's by far the most satisfactory way.

Hitchings & Co.
Spring and Louisa Streets, Elizabeth, N. J.

Lilium Harrisii
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6-7 Inch bulbs, 350 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.

7-9 Inch bulbs, 200 to the case, $16.00 per case; full thousand lots, $75.00 per 1,000.

9-11 Inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $150.00 per 1,000.

Ferns

We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Pierson, 6-in. pots..................................................$0.50 each

Nephrolepis Elegantissima, Pierson, Bostoniensis, and Harrisii, heavy 8-in. plants.............$1.00 to 1.50 each

Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10-in. plants..........................2.50 each

F. R. Pierson Company, Tarrytown-on-Hudson, NEW YORK
It's Rice for Quality and Price

RICE STANDARD CYCAS

COME ON! SHARE WITH US THIS BRAINY INVENTOR'S TRIUMPH. RICE STANDARD CYCAS IS A BEAUTIFUL, GREEN, NATURAL LEAF; FRESH AND FLEXIBLE AND STAYS SO BY A PATENT PROCESS. NOT PAINTED OR VARNISHED. WRITE "SEND SAMPLES" AND WE'LL STARTLE YOU WITH A WONDERFUL LEAF, AND COMMON SENSE PRICES.

M. RICE & CO. 1220 Race Street PHILADELPHIA, PA.

The Leading Florists' Supply House, and Ribbon Specialists
Catalogue on Request

Lest You Forget, We Say It Yet, USE OUR

SPRINKLEPROOF RIBBONS and SPRINKLEPROOF CHIFFONS

QUALITY! ORIGINALITY! LOW PRICES!!

Samples upon request.

WERTHEIMER BROTHERS, 565-567 Broadway at Prince Street. NEW YORK.

Boston Ferns

4½ inch from bench........... Each 10c
2½ inch from bench........... Each 7c
1000........................... Each 3c

Nephrolepis Whitmani
2½ inch............$5.00 per 100, $4.00 per 1000

Nephrolepis Magnifica
2½ inch..........................$2.00 per 100
3½ inch, pot grown........... $2.50 per 100
3½ inch, pot grown........... $3.00 per 100
We Stand Back of Our Goods and Guarantee Safe Arrival of Shipments to All Parts of United States and Canada.
HENRY H. BARROWS & SON
Whitman, Mass.

PALMS, FERNS AND DECORATIVE PLANTS

JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 1936 Bedford BROOKLYN, N.Y.

ASPARAGUS HATCHERI

The new Asparagus. Beats the old plant any name in every respect. From 2½-inch pots, $1.00 per 100.

A. N. Pierson, Inc.
CROMWELL, - - CONN.

Araucaria Excelsa

5 in., 3 to 4 tiers, 40c. and 50c.; 5½ to 6 in., 4, 5 and 6 tiers, 60c., 75c., and $1.00; 7 in., 25, 30, 40 and 50 in. high, for lawns and porches, $1.50 to $2.00.

Cash with order, please.

Godfrey Aschmann
Wholesale Grower, Shipper and Importer of Pot Plants.
1012 West Ontario St.,
PHILADELPHIA, - - PA.

In writing to Advertisers kindly mention Horticulture
GERANIUMS

Lest You Forget

We have some 200,000 in 3 inch pots ready to ship, at $3.00 per 100, and 2 in. stock ready in most of our standard kinds at $2.00 per 100; $18.50 per 1000.

DAHLIAS

200,000 Whole Field Clumps

$5.00 per 100, $40.00 per 1000, in a good assortment. Will make a special price of $35.00 per 1000, in 10 varieties on 1000 or more our selection of varieties, spring shipment.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

NEW ROSES

Originated by Jackson Dawson

Lady Duncan, Dawson, Daybreak, Farquhar, William Egan and Minnie Dawson

WRITE FOR PRICES

We carry a very large stock of Fine Conifers, Deciduous Trees and Shrubs and Hardy Herbaceous Perennials

Send for Our New Illustrated Catalogue

EASTERN NURSERIES

JAMAICA PLAIN, MASS.

Henry S. Dawson, Mgr.

ROSES

OWN ROOT—FINE STOCK

White Killarney} from 3 in. pots $3.00
Richmond

Pink Killarney, Chatemay, Kaiserin, Perle, Sunrise, Sunset, from 3 inch pots $8.00
Bride, Bridesmaid, Golden Gate $6.00 per 1000, $7.00

GRAFTED

Fine Stock, 3 inch pots

Pink Killarney, While Killarney, Bride, Bridesmaid, Kaiserin, My Maryland $15.00 per 1000

WOOD BROS., Fishkill, N.Y.

CARNATIONS

FIELD GROWN

FINE, HEALTHY STOCK

Beacon $7.00
Bay State

Mrs. T. W. Lawson $6.00 $55.00
Red Lawson

Variegated Lawson

Winsor

Crimson Beauty

200,000

Roses, Cannas and Shrubs

ALTHEA (Double): 10.00
Jeanne d'Arc, 3 to 4 ft.. $15.25 $8.00
Pink, 3 to 4 ft. 1.25 5.00
Double Red, 3 to 4 ft. 1.25 5.00
ARDITION, 18 to 21 in.. 50 7.50
DEZAM, 3 to 4 ft. 1.50
PHILADELPHIA: Single, 3 to 4 ft. 1.25 10.00
Double, 3 to 4 ft. 1.25 10.00

SPHAGNA:

Anthony Waterer, 24 in. 50 7.50
Anthony Waterer, 3 to 4 in. 50 7.50
Lavender, 5 to 6 ft. 1.00 6.00
Prunifolia, 2 to 3 ft. .50 6.00
Van Houttei, 5 to 6 ft. 1.25 6.00
Van Houttei, 2 to 3 ft. 1.00 6.00

WHIG: 50 7.50

Pilgrim, 5 to 6 ft. 1.50 11.00
Pilgrim, 2 to 3 ft. .75 4.50
Pilgrim, 3 to 4 ft. 1.25

Roses: American Pillar, 3 yr. 1.50
American Pillar, 2 yr. 1.00
Dorothy Perkins, 2 yr. 1.50
Ruby Queen, 2 yr. 1.00
Violet Blue 1.50
Alise Albreich 1.50

PRICES F.O.B. WEST GROVE, BOXING CHARGED AT COST.

The Conard & Jones Co.

WEST GROVE, PA.

CHRYSANTHEMUMS

Having Disposed of Our Surplus Stock of ADVANCE, WE ARE NOW IN Position to Take Orders for Young Plants for January or February Delivery of the Three Following:

SOFTY ADVANCE—The earliest large flowering white, a fine companion of Golden Glow. Can be had from July onward according to date of planting and selecting buds. Being more dwarf and flowers more double than October First, is a decided improvement on that variety. It has been so well received by all purchasers this season, we predict a very heavy demand.

PRICE: $1.00 per Ten: $10.00 per Hundred

FUNKIA—This variety has sustained our last year description. Being a strong grower with perfect stem and foliage, a fine matured bloom of a pleasing shade of pink and maturing the first week of October, places it foremost among early pinks. In fact there is no other good pink to compete with it at this date.

PRICE: $1.25 per Ten; $12.50 per Hundred

CHRYSOLORA—This variety is about the same size as earlier than Col. D. Appleton. Is of larger size, stronger stem, not as tall, in color is intermediate between this variety and Major Benhaff. This with its excellent keeping qualities, places it in the front ranks of the Commercial sorts.

PRICE: $1.00 per Ten; $10.00 per Hundred

CHICAGO CARNATIONS

F. DORNER & SONS CO.

LA FAYETTE, IND.

CHICAGO - ILLINOIS

LOECHNER & CO.

JAPANESE LILIES

LILY OF THE VALLEY PIPS

PALMS, AZALEAS, &c.

11 Warren Street, New York, N. Y.

Write for quotations
IMPORTANT NEW

SWEET PEAS FOR 1912

New Spencer,—Vermilion Brilliant

"The most brilliant iridescent scarlet Spencer yet produced!"

This genuine novelty, which has been much admired both at our Fordhook Farms in Pennsylvania and Filmore Pools in California, as well as in Great Britain, originated with our friend, Mr. W. A. Lowe, at Newhook, County Down, Ireland, Newtonards. Upon the recommendation of a critical comparison with every scarlet Spencer we could procure, including several new seedlings and selections not yet introduced, VERMILION BRILLIANT stood out so prominently that we offer it with every confidence of confirmation by all Sweet Pea planters as the most brilliant, iridescent scarlet Spencer yet produced.

Vermilion Brilliant bearing on stout stems, twelve to fifteen inches in length, three and four artistically placed flowers. When well grown the plants are noteworthy in that, unlike all other scarlet Spencers, the stems frequently produce FOURS.

The flowers are of perfect form. The bold, erect standard is well waved and dented in true Spencer style, of large size, beautifully rounded and flaking well below the heal. The wings are of the same intense pure scarlet as the standard, making a uniform self-color throughout and absolutely transparent. For exhibition or garden decoration we are confident that this splendid novelty will take a prominent and lasting place in the esteem of all lovers, growers and exhibitors of Sweet Peas.

In sealed packets containing twelve seeds each; Per pkt. 15c.; $1.00 per dozen pkts.; $7.00 per 100 pkts. In lots of 500 packets or more, $6.75 per 100 pkts. (Cable word, VERMILION.)

In sealed packets containing twenty-five seeds each; Per pkt. 25c.; $2.00 per dozen pkts.; $17.50 per 100 pkts. In lots of 500 packets or more, $12.50 per 100 pkts. (Cable word, BRILLIANT.)

VERMILION BRILLIANT was awarded the Silver Cup prize at the Philadelphia Flower Show at American at the National Sweet Pea Society's Show in Philadelphia, June 29 and 30, 1911, for the best variety not yet in commerce.

Pearl-Gray Spencer.

PEARL-GRAY is truly a descriptive name. The nearest to tanglewhite, the finest lovely and distinct color is a most lovely and distinct shade that might be described as a pearl or dove-gray, suffused with light rose, showing a trifle more of the delicate rose shading in the standard. The flowers, borne in clusters of three and four, are rich, clear, grey-rose, and uniformly of true Spencer type, being well waved in both standard and wings. In sealed packets of same size and at same prices as VERMILION BRILLIANT.

Irish Belle, or "Dream.

"A shade in Sweet Pea. The coloring is uniform in both standard and wings, a lovely rich blue, flushed with pink, which gives a very distinct and soft tone throughout the entire flower. Of finest Spencer type, waved in both standard and wings, the flowers are of hard, clear color, and well placed on long stems. Throughout the summer the extreme heat of July the flowers came invariably three and four to a stem. Many Sweet Pea enthusiasts pronounced this,—next to Vermilion Brilliant,—to be the finest novelty for our trials at Fordhook Farms for the past season. It was certified by the National Sweet Pea Society of America, June 29, 1911.

In sealed packets of same size and at same prices as VERMILION BRILLIANT.

"Captivation Spencer.

"This is a really glut-flowered Sweet Pea of true Spencer type, both standard and wings being well flowered and waved. The beautiful self-colored flowers are of a rich rose wine-red throughout. The plant is robust and very floriferous, bearing three and four of the extra large flowers well placed on long, strong stems.

In sealed packets of same size and at same prices as VERMILION BRILLIANT.

A Distinct Type of Sweet Peas for 1912

The New "Duplex Spencer," Sweet Pea

"The "Best of All" Pink Sweet Peas for Bouquets

"Duplex.

"This is different from former so-called double Sweet Peas. It has persisted for a large percentage of double standard flowers. They are produced on almost every plant—four-bloom sprays giving two and sometimes three of the flowers double, and smaller sprays in some proportion. The twin or triple standards are well placed, so that the flowers have no appearance of congestion. The color is a rich rose-salmon. When bunched it is most effective, the effectiveness being enhanced by the bright lemon keel appearing to great advantage. It is an extra strong grower and we are certain it will rank at the very top as a market variety, besides being fit for any first-price stand. Messrs. Lowe & Shawyer, Ltd., of Uxbridge, England, who had an advance trial, say it is "the best pink Sweet Pea we have yet grown on our place."—Description of Messrs. DOBBIE & CO., with whom this sterling novelty originated.

In sealed packets containing fifteen seeds each; Per pkt. 15c.; $1.00 per dozen pkts.; $7.00 per 100 pkts. In lots of 500 packets or more, $6.25 per 100 pkts. (Cable word, DUPLEX.)

In sealed packets containing thirty seeds each; Per pkt. 25c.; $1.75 per dozen pkts.; $11.75 per 100 pkts. In lots of 500 packets or more, $12.50 per 100 pkts. (Cable word, DOUBLE.)

New Sweet Pea,—"Rainbow Spencer.

"In this striking novelty we have a great advance in the striped section. The flowers are of plant proportions, generally produced three and four on a stem. They are nicely placed, with wings coming up well in front of the standard; in fact, the flower proportions are perfect. The ground color is ivory-white, flaked and lightly streaked with rose. The flowers are magnificently waved, and the variety, which originated with our friends, Messrs. C. C. Morse & Co., has proven thoroughly good both in California and in our trials at Fordhook. It has rightly been pronounced "a glorious Spencer."

In sealed packets of same size and at same prices as DUPLEX SPENCER.

Illustrated Circulars Mailed to the Trade Upon Application

W. ATLEE BURPEE & CO., PHILADELPHIA, PA.
Fruit and Vegetables under Glass

**Fruit Vines**

Pot vines now ripening up outside should be kept a little on the dry side, but not allowed to "flag." There is no need to hurry these inside as most of the varieties suitable for pot work will stand eight or ten degrees of frost without harming them, but they must be housed before any severe weather sets in or the pots are liable to be broken by the expansion of the soil as it freezes. Feeding should now cease and the vines encouraged to rest, those for starting the first of December having only six weeks to prepare.

**Melons in Pots**

Melons in pots are fickle things to handle through the winter months, every care being necessary to bring them through successfully. The object for advocating pots for winter work instead of benches is each plant is confined to itself and can be given separate treatment if such is needed. Pots will dry out oftener through the dull weather and will be less liable to canker and other diseases. Sow the seeds singly in three-inch pots; when the seedlings have filled these with roots put into six-inch transferring from these to their final destination when ready. The final pots must not be less than "fourteen" and should be filled about one-fourth with drainage. The soil for pot work should contain more lime rubble or other opening material than is used in the benches as a melon at all times likes a firm soil and if this is not added water will have a difficulty in passing through. As a preventive to canker raise the ball high enough so that the base of the stem is level with the top of the pot, then when water is given the plant, the stem is kept quite dry. Keep a minimum night temperature of 70 degrees, advancing by day, also keep the house well moist and syringe every clear morning. One or two fruits will be sufficient for each plant to carry. 

**Fig Houses**

Fig houses having finished fruiting will need similar treatment to a viney, perhaps taking a little more water as long as they have their foliage. Any that are still ripening a few fruits can have the night temperature kept up to 65 and a more humid atmosphere by day. Do not allow a sudden frost to hit the trees; gradually harden them to it, and then only allow a few degrees. Where additional or new borders of any kind are contemplated the quantity of loam necessary should be figured out and got together at once, stacking it in some convenient spot near where it is to be used. In late houses this work will have to be delayed sometime, probably until winter, in which case it will be advisable to cover the whole heap over with leaves and long manure before any severe frosts set in. This can be removed at anytime and the work proceeded with even though the ground is frozen up.

**Winter Tomatoes**

The first batch of winter tomatoes will now have got away in the benches. Remove all side growths, keeping them to a single stem. No feeding will be necessary until two trusses of fruit are set and swelling; until then keep the surface soil cultivated; should the plants lack vigor a little sot can be worked in. Tomatoes resent syringing over head. Keep enough moisture in the house by damping the walls and walks about three times a day. White fly is about the most troublesome pest these plants are subject to, but this can be successfully exterminated by fumigating with Granular of Potassium. A cool night must be selected for this as the house should never be higher than 60 degrees at time of fumigating; if a degree or two below, so much safer. Tomatoes can be fruited in pots varying in size from six to twelve inches. Seed can still be sown for this work.

**Cauliflowers**

Cauliflowers are an acceptable vegetable through the winter and can be easily grown in the vegetable house or any house having a night temperature of 55. Solid benches are preferable to raised ones, as they keep cooler and moister, the roots having more room to move about in. The plants are best potted on into "four" before transferring to the benches, but do not get them pot bound or when in the benches they will only "button in" on you (i.e., turn in a small useless head at once). Cauliflowers like a naturally rich soil. Organic manure will sometimes cause them to come blind or clubfoot. Give plenty of water while growing and fumigate on first appearance of fly. Quick maturer varieties such as Early Snowball and First and Best are best for this work.

**Radishes**

Radishes are a useful addition to salads and can be grown without much trouble in deep flats or benches. Sow the seeds thinly in drills six inches apart and thin out to allow each plant room enough to develop. A night temperature of 50 to 55 will suit them. Use the early turnip shaped varieties in preference to the larger ones. They develop quicker and are more solid.

---

Eremurus

To those who enjoy the variety of a well furnished herbaceous border, and the bold effects produced by planting in groups, the Eremurus will be especially attractive, its distinctiveness being a delightful change from the ordinary occupants of the border, peculiar in its majestic magnificence, compelling admiration by its gigantic proportions and the sweetness of its perfume,—a plant not easily forgotten when seen well-grown.

It is a hyacinth-like perennial starting growth quite early in the spring making it necessary to slightly protect the young tender leaves from early frosts, with a light covering of straw or leaves. Coming from a cold country it is perfectly hardy, but enjoys good rich soil, and responds handsomely to liberal treatment.

E. Himalaeus has white star shaped flowers, and throws up a spike two or three feet high, but the real aristocrat is E. robustus, with peach colored flowers, throwing a spike eight to nine feet high, with from three to four feet of flowers, a delightful shade of pink lasting a long time in perfection, and by a judicious choice of background it can be made particularly pleasing and attractive.

The genus comprises some eighteen varieties, but the two above mentioned give the most gratifying results.
Horticulture

Vol. XIV
October 14, 1911
No. 16

Published weekly by HORTICULTURE PUBLISHING CO., 11 Hamilton Place, Boston, Mass.

WM. J. STEWART, Editor and Manager.

Subscriptions
One Year, in Advance $1.00; To Foreign Countries, $1.50; To Canada, $1.00.

Advertising Rates
Per inch, 25 inches to page $1.00.
Discounts on Contracts for consecutive insertions as follows:
One month (4 times), 5 per cent.; three months (12 times), 10 per cent.; six months (24 times), 20 per cent.; one year (52 times), 30 per cent.

Page and half-page space, special rates on application.

Entered as second-class matter December 8, 1904, at the Post Office at Boston, Mass., under the Act of Congress of March 3, 1879.

Contents

COVER ILLUSTRATION—Eremurus.
FRUIT AND VEGETABLES UNDER GLASS—Pot Vines—Melons in Pots—Fig Houses in Winter—Tomatoes in Cold Frames—Cherries—Rhubarb—H. Person 525
EREMURUS—J. Loveless 525
SEASONABLE NOTES ON CULTURE OF FLORIST'S STOCK—Amaryllis—Ardisias—Chrysanthemums for Exhibition—Campanulas—Lorraine Regenius—Planting Lilacs Outside—J. J. M. Farrell 527
CLUBS AND SOCIETIES:
THE HORTICULTURAL OUTLOOK—J. K. M. Farquhar 529
BRITISH HORTICULTURE—W. H. Adsett 530
A FIFTIETH BIRTHDAY—G. C. Watson, portrait 530

OF INTEREST TO RETAIL FLORISTS:
The New Breitmeyer Store, Illustrated 532
New Flower Stores—Steamer Departures—Market Notes—258
A Model Store—Flowers by Telegraph 539

SEED TRADE:
Crop Conditions—Peas and Beans—Cucumber and Other Vine Seeds—Spinach, Parsley and Parsnips—Latest Market News—Notes 535

FLOWER MARKET REPORTS:
Boston, Buffalo, Chicago, Detroit, New York 541
St. Louis, Providence, Washing ton 543

OBIT UTRARY:
John A. Dow—Isaac Gillett—Winthrop Hoxie—William Spatz—Mrs. Thornton 549

Miscellaneous:
Taxing Pot Plants 530
Whiter Tending—Geo. C. Watson 530
Field of Speciosum Lilies, Illustration 530
American Tomatoes in England 530
Louisiana Arouses 530
Washington Notes 530
Philadelphia Notes 530
St. Louis Notes 530
Detroit Notes 530
Personal 530
Greenhouses Building or Contemplated 530
Chicago Notes 532
Boston & Maine R. R. Stationery 532
Incorporated 533
Catalogues Received 533
News Notes 534
Patents Granted 534
A Society Note, poetry 549

Fall Openings have begun and for a period will be a frequent item of mention in our weekly news columns. Whether they are the enterprises of large department stores and similar establishments in which the florist is called in to adorn the surroundings with his beautiful and fragrant waves or are the florists' own home display for the purpose of attracting visitors and giving fall business a start these affairs are equally praiseworthy and should be encouraged and promoted in every possible way. We cannot have too many of them for when well done they are in the first rank as up-to-date business developers and the good they do is felt all through the season.

The talk by Mr. Farquhar at the New York Florists' Club meeting last Monday evening, which we have recorded on another page of this paper, deserves careful perusal by everyone whose interests are identified with horticulture in any of its departments. After hearing the lecture one gentleman well qualified to judge was overheard to say that it was the best address ever listened to by the New York Florists' Club. The lecturer's statements were straightforward and keenly felt and his deductions and advice such as might be expected from a man who has taken full advantage of the opportunities presented by a widely diversified experience and a position for observation such as but few are favored with. It is much to be regretted that time for discussion of the points brought forward was not available and there is abundant material in the paper for discussion which might be advantageously followed up in all the floricultural organizations throughout the country for the entire season.

A situation of large opportunity certainly confronts us. Shall we take intelligent advantage of it or let it slip by unimproved?

There are many indications that thinking men here and there, other than the gentleman referred to in foregoing notes, are awake to the unprecedented situation which now begins to loom up in our horticultural world and are out to sound the call for a virile onward movement which will place the gardener and florist in a position higher and better than he has heretofore occupied. The terse comments by G. C. Watson in another column of this paper touch upon the forces which, in our club and society existence lead to prosperity or to decadence and indirectly tend either to vitalize or to emasculate our commercial progress. "The elevation of Our Business" is a topic which on various occasions during the past two or three years has appeared on the convention programs of the S. A. F. and elsewhere. But the field for exploitation has since broadened out immeasurably and the time is now here when it becomes the first and most urgent duty of every organization, national and local, to arouse its members and to concrete the best and most serious thought on the immediate means for elevation and business development in line with the opportunities presented.

In the selection of officers for the coming term it will be well to make qualification for such work a first requisite. The social phases of club activity may, without any injurious effect, be given secondary prominence for a while or even entirely suspended while we give undivided attention to the more serious and vital problems which now press for consideration.
Seasonable Notes on Culture of Florists’ Stock

AMARYLLIS

Nearly all the numerous hybrids of Hippeastrum vitatum that are showing new growth after a complete rest, should be repotted into new soil. The Amaryllis delights in a good light turfy loam three parts, well-rotted cow manure one part. See that pots are well drained with potsherds, so that the water may pass off readily. Place them in a warm and sunny house on a bench close to the glass, and resume regular waterings with overhead sprinklings. Give them a steady temperature of from 60 to 65 degrees with plenty of moisture as active growth starts. When the plants are in full leaf they will want a plentiful supply of water at the roots and any neglect at this stage will greatly impair their growth. When the pots are filled with roots they will be benefited by a frequent supply of manure water—that is, not too strong. It takes from eight to ten weeks from the time new growth begins to push forth until the flowers are at their perfection, and with good treatment they will last in good condition for three or four weeks.

ARRODISAS

Give these plants a place where they will have plenty of sunlight which will give the berries a good bright tint. Go over your plants frequently and turn them around so as to keep them in a well balanced shape. Give water as soon as the ball of roots shows a sign of dryness, for the supply of water must be regulated according to the demands of the plants to ensure healthy root action. Now with the increased fire heat and very changeable and trying weather from this out, keep up constant watchfulness in damping, ventilating and watering. A temperature of 55 degrees is about right for all these plants that have a good size to their berries. Too great a heat is very liable to prematurely force out a new growth, which would be undesirable. Keep a watchful eye for scale and mealy bug.

CHRYSANTHEMUMS FOR EXHIBITION

The height of the chrysanthemum season is now approaching. Keep your plants cool, for heat is not desirable or rational in any stage of their culture. The purpose of fire heat is to prevent the temperature from dropping below 45 degrees and to keep the air from becoming too moist. When your flowers are coming out use a movable light shade on very bright days. It will help to keep the temperature from running up too high, and will be of especial service for advance crop of flowers protecting them from getting burned, bleached or otherwise damaged from too bright sunshine. Use great care in watering now so as not to have any more moisture among the plants than is necessary. Go over the benches early in the day and carefully examine the condition of the soil and only apply water where needed. Feeding should cease just as soon as the flowers are expanded enough to show color, for when feeding is carried on too long the flowers will be of poor quality with soft petals and as a whole lacking in substance. Keep the ventilators open even on frosty nights by turning on during the night a little heat. Keep your plants free from aphids so as to get highly finished flowers.

CAMPANULAS

Now is a suitable time to lift plants of Campanula Media and its sub-variety calycanthema. The plants that are lifted and potted now have a chance to make new roots before the winter sets in, which also makes them better for forcing. Pot them into 5, 6 or 7-inch pots, whatever size will hold the roots. They like a rich soil to grow in, say turfy loam three parts, and manure one part. Press the soil around the plants firmly and give them a good watering and place in a frame where they can be shaded and sprayed for a few days in order to counteract any wilting until they are established. They can stay here until sharp frost, when they will need some protection. When hard weather comes they can be brought into a cool house that gets plenty of light and forced very slowly. These plants should never be started until about the new year and then in a temperature of 50 degrees at night.

LORRAINE BEGONIAS

Keep these plants in shape now by giving them support in the way of stakes. Small wire cut into the right length and painted green will be just the thing. Attend well to the temperature now by ventilating so as to avoid any cold draughts, but still so as to provide a proper circulation of fresh air. Plants will now be advancing very rapidly and should be examined each day to see which ones need watering, as some will require a more liberal supply than others. By going over them this way you will never have plants in a saturated condition or others that are very dry. See that the plants are placed now and then so as to give them more space and so that all sides can receive an equal amount of light and air. Those that have their pots well filled with roots will stand weak liquid manure once or twice a week, which will prove very helpful. Plants that are now coming on for the holiday trade should have a temperature of about 60 degrees, but when they are in full bloom 50 to 55 degrees will give the plants and flowers more substance.

PLANTING LILIES OUTSIDE

Those who intend to make or replant a lily bed should commence now. Throw out the soil to the depth of 14 or 16 inches, and then place a 6-inch layer of sand and leaf mold on the bottom; this will provide good drainage and help to keep the roots cool in summer. On this you can place enough of good loam and very old manure, so as to have your bulbs set six inches deep and twelve inches apart. When planting the bulbs, always place an inch of sand both above and below the lily bulb, which will keep any manure from coming in contact with it and also prevent any stagnant moisture around the roots. After placing the bulbs it is very important that the soil you use above be made very rich, as they emit roots along the stem above the bulb. This explains why lilies often suffer so much in summer from drought, because these roots are coming so near the surface. Before the ground freezes hard give them a mulch of three or four inches of forest leaves and about three inches of strong manure, which will keep the leaves from being blown away. The following can be recommended as good: Lilium auratum in variety, L. Bate-manni, L. candidum, L. elegans in variety, L. gigan-teum, L. humboldtii, L. louisiitum, L. martagon, L. speciosum in variety, L. tigrinum in variety, and L. Wallerii.

John J. M. Farrell

Mr. Farrell's next notes will be on the following; Cymbidiums; Erlees; Lilies for the Holidays; Polinetlas; Sweet Peas; Wintering Canas and Dahlias.
The Chicago Florists' Club celebrated its silver anniversary Thursday, Oct. 5, and the event went on record as one of the times ever enjoyed by the club since its organization a quarter of a century ago. President Philpott quickly despatched the routine business. After the toast was read, the guests, members, their wives and sweethearts, sat down to a banquet, which was enjoyed by all. At its close, President Philpott introduced his old colleague, who, as usual, took his old-fashioned manner of speaking, which amused everyone in the club, who, with his usual happy faculty of expressing himself, entertained the club and called on the various speakers to respond to the toasts. J. C. Vaughan, W. N. Radd, Geo. Asmus, A. C. Kohlbrand and Phil Foley were among the representatives of the Chicago clubs who were so called upon, while President Windler, of the St. Louis club, and H. Balsey, of the Detroit club, made fitting remarks of congratulation. In behalf of the other clubs, Althea was introduced. Student Hunkle presented the Chicago club with a large and handsome silver loving cup, taking the latter club completely by surprise, but who knew to appreciate this token of their regard.

The men who are to handle the meeting of the Society of American Florists in Chicago in 1912 are appointed and will begin at once to plan for that event. Twenty-five years ago the society was organized in a way that has not been forgotten, and those in charge for the silver anniversary of that year will try to make the coming meeting no less of a success.


Registration of Rose.

Public notice is hereby given that S. J. Reuter & Son, Inc. of Westerly, R. L., offer for registration the Rose described below. Any person objecting to the registration or to the use of the name Killarney Stronger and more vigorous growth making a large plant with heavy deep colored foliage. An excellent summer white also taking the necessary body with good keeping qualities and pure white color. Being an improvement over the ordinary White Killarney in growth, vigor and size; it is the ideal named variety.

Name. "Double Improved White Killarney."

Registration of Althea.

Public notice is hereby given that Henry A. Dreer, Inc. of Philadelphia, Pa., offer for registration the Althea described below. Any person objecting to the registration or to the use of the name "Tutus Albins" double the size of this last named sort.

It is a seedling raised by Mr. John Clark, assistant superintendent of the United Botanic Gardens at Washington, D. C.

Name. "Althea Wm. R. Smith."

H. B. DORNER, Secretary.

GARDENERS' AND FLORISTS' CLUB OF BOSTON.

BUFFALO FLORISTS' CLUB.

At the last regular meeting of the Buffalo Florists' Club a good turnout was seen, the weather being cooler and the boys being more inclined to attend meetings. Business of importance was transacted, and as there will be no flower show this fall, it was decided to hold an open night in November, at which there will be an exhibition and a general good time, after which the committee was appointed to report at the meeting. The bowling committee report that they will begin the fall and winter series of bowling on some time, and that this season should turn out some champion bowlers. Much interest has been taken so far, and the able Jos. Streit is steadily taking applications for new members.

SOCIETY OF AMERICAN FLORISTS.

President Asmus has appointed Charles H. Totty, chairman, W. A. Manda, W. N. Radd, Geo. Asmus, F. C. Craig and J. A. Valentine members of the National Flower Show Committee.

NEW YORK FLORISTS' CLUB.

The October meeting of this organization last Monday night was well attended and proved a decided success that it was close to the midnight hour before it disbanded. After the usual routine business J. Austin Shaw announced that the next meeting would be held on the occasion J. Otto Thilow of Breeder's, Philadelphia, would give an illustrated lecture on "His Travels in the West." Election of officers will be the principal item at the December meeting. For the meetings of the new year, R. Vincent, Jr., on "Experiences in Dixie," H. A. Dauyard on "Sweet Peas," and Geo. V. Nash on the "Apple Industry in the West," will severally be heard.

A discussion on the all-important question of efficient greenhouse help and adequate pay was precipitated by some remarks by Charles Lenker, who asserted with truth that "we cannot all be captains of industry." J. K. M. Farquhar, in submission to the fact that labor conditions had greatly changed in twenty-five years. The standard in England, from which he said some of our greenhouse workers come is not now what it was a generation ago. W. A. Manda and C. H. Totty followed, the latter pertinently inquiring, "What can you expect for nine shillings a week?"

J. Austin Shaw, A. L. Miller and J. A. Manda were appointed a committee on the death of L. L. Powell.

C. H. Totty exhibited for E. G. Hill Co. a vase of magnificent blooms of the new rose Sunburst. It was awarded 89 points. W. A. Manda was given special mention for seedling dahlias. H. F. Michell Co. and Chas. Lenker also showed dahlias of merit and Buddleias from Michell were especially admired.

HUNTINGTON HORTICULTURAL AND AGRICULTURAL SOCIETY.

The ninth annual exhibition of the Huntington (N. Y.) Horticultural and Agricultural Society was held Sept. 29 and 30. The exhibition was of good quality throughout. The leading feature were dahlias and apple the latter being abundant and fine. W. J. Matheson, James Kirby, gardener, was the largest exhibitor of dahlias, with a fine collection of new varieties, capturing first in four classes and a double, and the Stafford cup for 12 varieties. R. R. Conklin, E. S. Smith, gardener, also exhibited a fine collection, winning second for collection and first for single.

A. H. FUNNELL, Sec.
HORTICULTURE

THE HORTICULTURAL OUTLOOK

An Address by J. K. M. L. Farquhar, Boston, Delivered Before the New York Florists’ Club, October 9, 1911.

Retrospect.

In looking backward thirty years or more one is very forcibly impressed with the advancement made in nearly every department of horticulture. Any amplification of this statement would be superfluous to this audience; rather would I speak briefly of some of the agencies which have been working for the universal progress of the past ten years or so.

Agencies of Advancement.

Foremost of these agencies I place the automobile, which of itself has been the means of greatly changing the habits of the American people. The limit of suburban residence has extended from about twenty miles to a hundred, and the houses and grounds have increased in importance and area in like proportion.

The larger country estate is of greater interest than was the smaller one, and the time-saving automobile gives the possibility of having all one needs to enjoy it, and, furthermore, having his own comfortable and in-the-door means of transportation, he goes to it earlier in the season and stays later than formerly, when his sojourn in the country depended upon railroad tables.

The telephone, the electric lamp, and current currents for water supply and heating have all contributed to make life on the country estate much more enjoyable than in the immediate environment of the great city, where only such comforts and conveniences of life as were obtainable in the cities themselves could be had formerly.

The automobile, too, has lessened the horizons of the garden—no more are the flowers and much of the money spent on horses are now frequently bestowed on the garden and grounds.

And in addition to the periodical press, which, with beautiful illustrations, has done much to arouse and develop interest in gardening, the articles published have been incentives to many to make their home grounds beautiful as well as to lead them to give attention to providing home supplies of flowers, fruits and vegetables, rather than to depend upon city markets, as in the past.

I might mention many other agencies which have been instrumental in bringing so many of our people to a greater appreciation of, and interest in, horticulture, but I content myself with calling attention to the influence of the country clubs. No one has the social influence and health-giving recreations of these institutions proved beneficial, but the well-kept fair green of the country club has led many a country clubman to have over his own lawn and grounds.

Wealth and Health.

Millionaires and multi-millionaires are much more numerous now than they were a generation ago. Luxuries to them are now necessities, and horticulture has its share in supplying them. They have traveled abroad where they have seen things which have appealed to them, pictures, sculptures, and other works of art, with great houses and their rare furnishings and fine old gardens, with beautiful trees, shrubs, vines, and flowers—and they want them all. The gardener has in his opportunity; opportunity many times greater than ever before in this country; opportunity greater in this than in England, or in any other country, than we realize and which will grow beyond our most sanguine expectations if we horticulturists to whom it comes do our part. To be successful we must seek success, not alone for ourselves but for our clients as well, and I shall aim to point out, briefly, how each one of us in his own particular branch may cultivate and propagate this present phenomenal propensity of our people for gardens and garden things.

The Private Gardener.

To the private gardener I would say: Make your garden a business calling, if possible specialize in some branch of it; it will distinguish you to do so, just as it distinguishes a physician to specialize, so some department of medical science. Let us be really a scientific man; your calling makes you one. Yours is a long training, in fact it is never done; but let us do it well. Not only should you learn to till the ground, how to produce crops of flowers, fruits and vegetables, both under glass and out of doors, but you should understand the art, that is, fertilizers, fungicides and insecticides, how to lay-out, make and plant a garden, from shade trees to water lily, how to build drainages, gardens, walls and greenhouses, but a hundred other things. Learn it all—the art of gardening—so far as is possible, and then render to your employers the most efficient and insist upon getting equitable compensation. The demand for men who are gardeners of high grade was never so large as it is now, and each man can command good salaries. The great trouble is that too many important positions are held by incompetent men who are willing to work for compensation which would not attract a capable man.

You should endeavor to meet the wishes of your employer. Have a clear understanding with him as to what he wishes, then let him know that you must have a free hand in your work for results. Regard your garden and greenhouse as the manufacturer does his mill. Buy enough material to keep your plant running at full capacity, but do not buy anything you do not need, nor spend to return the favor of a nurseryman or seedsmen who may have placed you in a position by giving him an order for such plants you do not actually require. Study the interests, and wishes of your employer—he is entitled to consideration and if he is the right sort of man he will appreciate and recognize your efforts.

The Florist.

To the florist I would say: Broaden your business. There is opportunity to do it and you will be obliged to do it. And do you ever tried to add to your customers from among the middle classes? Their trade is solicited when they are in want of funeral pieces, but rarely sought in their desperate necessities, when there are thousands of people of moderate means who would gladly step into a flower store on Saturday morning for a dozen lilies, a dozen roses, a little asparagus foliage, or a few fern fronds with which to brighten their homes on Sunday and through the week. If such trade were encouraged. Of course, it would never do to sell to such people flowers that were about to go to sleep; they would have to be fresh and likely to keep good for several days. The street vendor is the proper person to care for the middle class trade will bar progress in this direction. The florist should endeavor to diversify the attractions he offers; comparatively little is done with flowering plants in pots. If the very dwarf antirrhinums, wisteria, stone, which are planted in pans like tulips, they would be much more attractive and more lasting. Dwarf wallflowers are still rarely used, not only would they be novel and beautiful, but their delightful, mild fragrance would be appreciated. Small pots or pans of forget-me-nots, niguelon, sweet alyssum, balsam, and numerous other flowers might be tried at small expense.

You have still much greater opportunity to broaden your markets. Within a decade, or less, you will be furnishing pot-grown fruit trees and vines for dining room decoration. Apple, pear, plum, peach, with from two to dozen, and choice choice choice fruits on a tree; pot-grown grape vines, with half a dozen or over clusters of luscious fruit. You may even sell the curring in the spring by summer the fascinating little cherry tree, in fruit of the gay Parisian cafes.

The Seedsmen.

Every seedman should endeavor to educate his customers to the use of high grade seeds and bulbs; he will serve his own best interests in doing this. He should push and encourage the sale of the best varieties, the street vendor is the proper person to care for these he should perhaps advocate those that have been superseded.

It is but fair to the seedsmen to state that he has to struggle against adverse conditions. He has been forced to compete with irresponsible dealers who sell inferior seeds or none. It is safe to say that, on the whole, the average has never received the return he has deserved in this country—nothing like what his brother dealer in Europe has received. Could it be the pull of the millionaire’s Parisian houses with those of any house in this country! Conditions are better than they were a dozen years ago—quality is being appreciated generally—but many buyers still hesitantly to pay a proper price for high grade seeds.

This has been especially true of grade.
Dutch bulbs. A Keizerskroon tulip weighing two ounces and a half, one ounce and three-quarters has been put in competition with others weighing from five-eighths to three-quarters of an ounce. The demand cannot be too much for the rebuilding of his business by buying and selling the cheapest, meanest stock to be obtained. In doing this he fools himself, injures his customer, and in the end loses his trade. What have I said to the private gardener about learning his calling? apples still more forcibly to the seedsmen. Nurserymen, as a rule, do not know their business. The Holland bulb men are aware of this and are still taking unfair advantage of the situation. It is known in Holland that the favorite single blue Hyacinth Charles Dickens has become so deteriorated by disease that it is no longer fit to be grown. Yet it is listed and sold to this country by the Holland growers who usually send for it "Marie," a cheap, inferior sort. We have seen and sold the beautiful pure white La Grandeuse substituted with La Franchise, a blush sort having a purple skinned bulb. Standard Silver and Standard Gold tulips have also deteriorated, yet these are regularly listed by many seedsmen, who in most cases receive substitutes such as Cottage Boy, Arms of Leiden, or other inferior sorts.

The Nurseryman.

Nurserymen, as a rule, have been progressive, more so, perhaps, than their customers. In other lines of horticultural industry, still, there is much for them to do. Too frequently they are more anxious to sell stock than to assure themselves that the stock sold will be well planted, that the ground will be suitably prepared, and that the after-care it receives will be such that the purchasers' success with it will bring the vendor future orders. In the long run it would not hurt the nurseryman to inform a client that the cost of preparation of ground and planting, if done properly, will equal or exceed the cost of the stock. Great ignorance prevails as to the conditions under which nursery stock will thrive, especially of the more common shade trees, which are often planted in gravel.

Nurserymen should endeavor to diversify plantations; there is ample material with which to do this and their clients would welcome the variety. New material, too, is at hand and the nurseryman has a thousand or more new species and varieties recently brought from Western China and elsewhere with which to augment his already large variety of available material.

Many of the nurserymen are making better terms on their stock, or allowing larger discounts to the so-called landscape architects than they do to private gardeners. This practice is to be regretted. It puts the gardener at a disadvantage, which is unfair to him. Why should the so-called landscape architect, who has no practical horticultural knowledge, and, perhaps, nothing more than a short course in drawing, and another in reading Downing, Nason, and a few other authors for his stock in trade—be accorded trade courtesies which give him advantage over the trained gardener who has spent fifteen or twenty years of his life in acquiring his practical knowledge. Choose ye this day whom ye will serve, brother nurserymen; but as for me, and my house, we will stand by the gardener! I will not see him superseded and supplanted by a man much his inferior in horticultural knowledge and ability.

New York Horticulturists.

New York horticulturists: Yours is the largest opportunity. You have the wealth of the country about you. You have the finest estates within a hundred miles of your doors. It is your duty to see that horticulture grows, not only in your vicinity but also throughout the country, for are you not located on the country's greatest thoroughfare? It is your duty to so serve those who come to you that they will be encouraged to become larger patrons of horticulture; and if you do this you will undoubtedly reap the benefit.

You are planning to hold the third National Flower Show in this city. If you make the success of it of which you are capable it will prove a great stimulus for horticultural trade in New York. To do this you must get to work at once. Your schedule should be out not later than January 1. Get busy at once, gentlemen! This is your opportunity.

TAXING POT PLANTS.

Springfield, O.—Backed by all the local florists, the George H. Mellen Company has filed an injunction suit to restrain the country treasurer from collecting taxes to the amount of $250. They raise the point that flowers taken from the ground and placed in pots should be classed as real estate instead of personal property. The point is one that will be watched with interest by all florists.

WHITHER TENDING?

There are some who say that the recent quarter centennial banquet of the Florists' Club of Philadelphia was a big success because out of 149 present there were 49 ladies. We are not finding any fault either with the committee or the ladies, and nothing personal is intended. The question is, how did the banquet compare with similar events of the past 25 years? Only about one-third of the membership attended and the missing majority embody some of the finest and most progressive brains in the business. Why were they absent?

Banquets are organized as a rule with some object, in view outside of the "Eats" and the sociability. When our forefathers blazed the way into the wilderness they took their lives into their hands. These were the men who made our country. Are we to come to the pass now where the cigarettes and the froh fros are to shape club policy and aims and replace the men of initiative, of courage and of far-sees business ability?

It would look that way, but it is not really so. If, however, the Florists' Clubs let the froh fros run them (there are males as well as female froh fros), there will be a galling consumption—and after that a chance for a new and virile organism. "Whom the gods would destroy they first make mad." As before said, there is nothing personal in this. Our plea is for the broader view of things, the more tolerant spirit and the revival of the old-time nerve and enthusiasm.

G. C. WATSON.

North Easton, Mass.—John McFarland has a new garden hybrid orchid Cattleya McFarlandii × Downiae, which he exhibited at Horticultural Hall, October 7. Last March he exhibited one from the same batch of seedlings, and won a silver medal. The present seedling is very distinctly different, however.
AMERICAN TOMATOES IN ENGLAND.

(Prom report of Counsel Charles N. Daniels, Sheffiled.)

A sample shipment of American tomatoes was recently unpacked in Sheffield and the fruit was found to be in a very satisfactory condition. One tomato showed a sign of a blemish that appeared to meet with the most favor was the "Stone." The consignee stated that the "Globe" and the "Buckeye" were too large for the English market and also showed some blemishes. Tomatoes are usually eaten raw here or in salads, and more often than not are served without peeling, so that a smooth skinned tomato without blemishes has the preference. Any mark, as an insect sting or a crack that has healed and left a scar, serves to lower the grade of the tomato in the market. The condition in which this shipment arrived proved that to those could be shipped to England from Florida and find a market at seasons of the year when the home-grown article is not plentiful. "A tomato to suit the English palate" is an article of high quality and one in, in diameter, should ripen to a good color, have a smooth skin, and when packed should be carefully graded, the peck being marked separately, those showing even the slightest mark on the skin. The mixing of the two grades would result in the lowering of the whole crop to the tomato like the "Stone," with its firm pulp and fine flavor, could be grown in size to suit this market, there is no reason why it should not succeed. The condition in which those sent arrived shows that they will stand the transportation all right. One of the partly ripe "Buckeyes" showed a tendency to rot before the ripening was completed. Whether this was due to some bruise received in transportation or to the fact that it was not sent at the right time is a question. The proper stage at which they should be cut could be determined by experiment. In the opinion of the importer some are kept in the store and some them in tight boxes, thus keeping the air away from them, rather than in open crates. The fact that the "Stone" tomatoes sent were wrapped in paper bears out this idea. This close package is the one in use by the French growers, and it is also used by a firm shipping Canary tomatoes. The Hormel company packs the fruit in a flat paper-lined box without wrapping the tomatoes separately, but the Canary tomatoes are each wrapped in a net and sealed right tight in the box which is sent from England for that purpose. The dealer is inclined to think that this paper wrapping tends to keep the fruit fresher.

There appears to be two kinds of the "Stone," one inclined to be flat and the other longer and more pointed at the top, and the latter may be better suited for this market. Both kinds, however, appeared to stand transportation equally as well. The members of the fruit growers sampled the "Stone" and pronounced it superior in every way to the Canary tomatoes he handles. He added that if this tomato could be grown in a size to suit this market and could compete with the Canary fruit in price, it would undoubtedly find a sale, in fact he stated that he would give it preference for his own trade, which is the best in the city.

BRITISH HORTICULTURE.

Another Batch of New Dahlias.

Some attractive dahlias were recentiy on view at the fortnightly meeting of the Royal Horticultural Society. Notable amongst the growers were Messrs. Sholto and Lady and Snowdon. There were some interesting exhibits at the second show of the National Dahlia Society, held at the Royal Botanic Gardens, London, in the nurserymen's classes, for three vases of cactus dahlias, put into commerce for the first time in 1900-19, Mrs. M. V. Seale, of Scavenoaks, Kent, was first with excellent vases of Prima Donna, Mary Parriyer and Johannes- burg. In the principal cactus class for twelve bunches, six blooms of each variety, Messrs. J. Striedwick & Son, London, received two premier honors with Indomitable, Olympic, Orion, Elite, Golden Wave, Miss Stried- wick Uxons, Snowden, Satisfaction, Emguite, Miss H. H. H. Thomas. For six blooms of any one show or fancy seedlings, Mr. S. Mort- mer of Rowledge, Farnham, Surrey was first with a most aromatic variety of deep crimson tint. There were some fine samples of paeony flowered dahlias, which are steadily increasing in popularity. There were four certificates awarded to the following novelties: Golden Wave, pure yellow cactus, Frederick Wenham, apricot, yellow centre, Sunlight, yellow, tinter, Rowledge, Miss Striedwick & Son; Florrie Wells, pure red, shaded violet, Mr. H. Shoesmith, Woking, Surrey; Diadem, deep rose pink, white collar, Miss Striedwick & Son; Mahali, deep red maroon, Messrs. J. Cheal & Son, Lowfield Nursery, Crawley, Sussex.

Autumn Roses.

The autumn show of the National Horticultural Society excelled the anticipations of its promoters as regards the quality. In the nurserymen's classes, which were well filled, for 36 distinct varieties, the first prize fell to Messrs. Paul & Sons, Biddulph Nurseries, Chas- hunt, Herts, the first prize winner made a bold display with some exceptional blooms. The representative grower of the New South Wales, Australia, is also a member. There were several novelties submitted for adjudication, but only one was considered sufficiently meritorious for an award. This was Mrs. Muir Mack- ean, a shapely hybrid tea. It is a self-colored crimson, of a design made up and is said to prove a useful addition to the H. T. section. A silver gilt medal was awarded to the exhibitors, Messers. S. McGreedy & Son, Portadown, Ireland.

W. H. ADSETT.

LOUISIANA AROUSED.

The State of Louisiana with many more acres of uncultivated land than it has a large acreage of highly productive soil, a mild climate which permits a series of crops to be grown on the same land each year, and a market for work of navigable streams, cheap transportation, will bid for the immigration of more people. The United States was made in order to make the Louisiana Agricultural Exhibition Commission has been appointed by the Governor, and supplied with funds by the Parishes, or Counties of the State. It is well to notice exhibits and data concerning agricultural production, cost and profits, health and market conditions, character of soil and climate, etc., and thus equipped meet the people of the North and West face to face.

The Commission will demonstrate that with one eighth of the rice production out of 27,000,000 acres comprising the State, the people of Louisiana have prospered, their plantations are well cultivated, and they enjoy wealth and affluence, and their rice lands are being used and sold. The plantation or overlord system, is now rapidly disappearing, and the great estates are being sub-divided and cultivated by smaller independent farmers. The cut-forests are being cleared and opened up to settlement. The wet alluvial lands are being drained and made available to the planter. In a manner new State of Louisiana in lands are being made available and the State in its capacity is taking time by the forelock, and is going after after the people are going to come. The first exhibit the Louisiana Commission will give will be at the United States Land and Irrigation Exposition, at Chicago, November 15 to December 2, and the name of the visitor is the object of the Commission is to exhibit average rather than abnormal products, so that the farmer seeking accurate information may learn exactly what the soils of Louisiana produce under normal conditions. No land will be sold at these exhibits, no private enterprise will be used, and information will be given out except such as has been carefully investigated and compiled by the Commission itself.

Chairman of the Commission, Dr. W. R. Dodson of Baton Rouge, is the Dean and Director of the State College of Agriculture and Agricultural Experiments of the State. Other members are: Robert Glen, New Orleans, Curator Louisiana State Mu- seum; Louis N. Brueggerhoff, Shreve- port, Secretary of the State Fair Association; M. Leigh Alexander, who represents the Agricultural interests of North Louisiana, and A. B. Graves of New Orleans, who represents the Agricultural interests of South Louisiana.
Early last week it was whispered among the numerous friends of George C. Watson in Philadelphia that the eminent seedsmen, writer, and critic and dispenser of Philadelphia good cheer would give the half-century mark on Friday, October 6, and it was proposed to waylay and kidnap the gentleman and give him a grand blow-out at Dooner's famous hostelry on that evening. The kidnapping business, however, was entrusted to W. C. Langbridge, who did not make a "howling success" of it, but the rest of the program was carried out in great style, and fifty adherents of the fifty-year-old Watson, were indulging a few from Boston and New York who had been let into the secret, had the time of their lives on that memorable Friday night.

The program of the jubilation was an elaborate production, the joint achievement of Howard M. Earl and George W. Kerr, the latter producing a galaxy of Burns quotations to the occasion. The menu—well, that was Dooner's part and nobody can improve on Dooner when it comes to catering. The banquet hall was beautifully decorated, the singing band of John Westcott. The head table was richly adorned with cyclamen and flowers. The four tables were made to represent the four seasons—the spring table being decorated with baskets of lilies, daisies and pansies; summer with roses; and other appropriate material; autumn with pumpkins, chrysanthemums, and golden foliage, and winter with dark green foliage weighted with materials simulating frost and snow. On a large easel the inscription was worked out in scarlet flowers and the open spaces about the room were filled with palms.

W. Atlee Burpee, presiding with rare availability, Robert Craig asked a benediction in the oft-quoted stanza from Burns. Mr. Burpee's address was very clever and witty, and his introductions of the various speakers were very captivating. He expressed the idea of the banquet had originated with Mr. Burpee's California manager, Edwin Lonsdale, and a toast to Lonsdale was drunk, was drunk with a little drinkingly of the man who had. Robert Craig next spoke eloquently recounting the companionable traits and sturdy character of the guest of the evening, concluding with a wish for his long health and happiness. Wm. J. Stewart followed and expressed his pride at being able to join in such a tribute of love and respect for Mr. Watson's noble qualities of mind and heart and his unique personality.

Hon. John Lamb, the distinguished chairman of the committee, was then asked to preside. He followed in a humorous arraignment of the guest, giving as his excuse the words in the middle of the menu, "Punch Watson." Then came H. A. Bierhorst, who asserted that there is not a hall anywhere big enough to hold G. C. Watson's friends.

John Westcott, the hard working chairman of the committee, was the next speaker and his "I Love everybody when I know their heart is all right," struck a responsive chord in every heart. John Westcott himself is all heart. Louis Boss, treasurer of the occasion, followed with a most witty talk and then came S. S. Pennock, who in presenting Mr. Watson with a copy of Charles Dudley Warner's "My Summer in a Garden," read an apt quotation from that deliciously naive and humorous book—the application of which to the guest of the evening was instantly appreciated by all present.

Then came the guest himself, George C. Watson, who received an ovation such as is seldom accorded to anyone. And here is what he said:

Well, boys, you've got me in a cavity this time. It run away I'll fall down, and if I say I'll get up and I can't read away without offending the kindly spirits that have put up this feast, and if I stay I'll get rosted. I can't sacc back, under these peculiar circumstances; so, if I say, you have me in a cavity. You have me completely bewildered whichever way I turn, so I suppose I will have to stand

for it as well as I can. My friends, Doc Lane. Ed Flood and John Westcott, were in great cheer last Sunday because they got me out in a rough sea and made me sick. The reason they gave for their enjoyment of that was, that they had George speechless for three hours anyway. Well, this occasion is not quite so bad as the sea sickness, but to a modest kid like yours truly it has some resemblance because it at least makes me speechless, and I suppose there are many of my friends here who are glad of a chance to get a word in edgewise, and maybe that thought was back of their heads as well as in yours hearts a lot of warm friendship. It would be unbecoming in me not to express my appreciation of the kindly hearts that have thus made up my trials. I truly do, and I thank you from my heart: This is my first birthday party. That is rather remarkable for a fellow to be fifty before he had a birthday party. Jack Lynch has been just about fifty a year. This is my first. I have often wondered what it felt like. Now I know. It is a cross between a stick of lemon, a cock-a-leekie roast turkey, after biscuits, and Studio Jimmie. It's a tough proposition, but on the whole I think I like it.

John Burton then gave his experiences with Mr. Watson as a traveling companion and J. R. Parpahan on his old friendship for Mr. Watson, extending back to the time when George as a hoy from Scotland began his career in Boston in the American seed trade.

Welch, the next speaker, was eloquent in his testimonial to his friend of many years and W. C. Langbridge followed in a witty speech.

Then Howard M. Earl took the floor and presented Mr. Watson a handsome gold watch with his friends as a memento of this delightful occasion. Mr. Watson responded appreciatively and all then joined in "Auld Lang Syne."

During the evening, verses written for the occasion by Prof. L. C. Elson of Boston were read, and a congratulatory address from J. C. Vaughan, W. N. Rudd and Michael Barker. Prof. Elson's poem was as follows:

An elderly and distant party
Began to read greetings warm and hearty,
And wishes that be there might be
To pledge you in the buried recesses.
All are aware there are no blots on the centenarian of our George C. Watson,
And he so active, bright and sporty,
You'd scarcely take him to be forty.
Altho' a friend of moral sincerity,
He can be tart upon occasion,
It's strange a man so very witty
Should live in William Penn's slow city.
But then he gives his place to the tab
By often visiting "The Hub."
But whereas'er his journey tends
He makes a host of friends by the
Old cement from the land of Burns,
I wish to make the same confession.
You're not a bit of molly coddle.
May years sit lightly on your noble
And ancient friend, George C. Watson.
Who is it?—Well, I'll keep you guessing!

Mr. Watson dictated the following telegram:

Edward, Lonsdale, Burpee Seed Farms,
Lompoc, Cal.
Mr. George goes out to you as yours has come out to me across seas and continents on this and many other occasions. You and your wills are very precious to me. My fifteenth has been made to be by a host of friends to me. It was a memorable and untegotable occasion. I am still dazed with the magnificence of it, and often wish to say, "God Bless us All." Love and greetings from a rare birthday friend on an unforgettable celebration.

GEORGE C. WATSON.

Interspersed between the speeches was solo singing, tenor, bass and baritone—the latter being the only one that was not attacked to a banquet anywhere on any occasion. The gentleman who sang were all warm friends of Mr. Watson. Then there was a program from H. Oldham, Daniel Houseman, Thomas F. Hogan, E. M. Tyrrell, E. J. Dooner, George W. Kerr, and they contributed very greatly to the enjoyment of the occasion.

Following are a few quotations from the various speeches:

Sure Louis! I'm more than glad to cheer poor old George. Why, the name of the Holy Roman Empire did you select a Friday?—Tom Daly.
I am not at all surprised that George feels like eightieth, Wm. Lynch. I was an attack of Jubanago myself!—Alexander Forbes.
My sincere regards to the venerable George. May he not be wrecked on Rye Beans here after I have kept him company!—John P. Gorman.
There will be two of us at the celebration if I can get away; but anyway—reserve a seat for me!—Andrew J. Langbridge.
I have come a long way in order to testify my appreciation—and hope his stay here on earth may extend—to these many years—E. L. Lnmpoc.
I hope we will have George with us for another 5 years, for nobody leaves his company with a grunt on!—Daniel C. Dunham.

Sit down Louis! There you are—all
three of you, on your feet at once! And all three of you lawyers! You talk, and you act, but do you think anything? Not one of you! Sit down; all of you—Paul Huebner.

Isn’t it about time Louis was reading those letters again?—John Burton.

As we go to press the following communication reaches us and we give it place as a good ending to the account of this memorable event:

The Sinner’s Reflections on the Great Event.

If I had made or inherited a lot of money I can imagine lots of them coming into my hands, but I think I should have done neither, the conclusion is irresistible, their treasury held that way serves a purpose. That is a thought that ought to give me much satisfaction—and it does. And the notion has gone forth that the average American loves and worships the dollar and the dollar only. Here is at least one instance to the contrary. The American people, I believe, are just as human as the rest of the world. They are keen for the dollar but they are also warm-hearted, courteous, to a fault. I have spoken to them among twenty-five years, and I have never found that fact that I hope to live and die among them, the greatest people on earth, and get the bigger end of the bargain!—GEORGE C. WATSON.

WASHINGTON NOTES.

Walter Kimmel has returned from a very pleasant fishing and camping trip on Blackstone’s Island.

Leapley & Griswold’s G street, N. W., are in the midst of a very successful palm, fern and bulb sale.

The new store on King street, Alexandria, Va., to which Mr. Charles Kramer recently removed is far superior to the store formerly occupied by him, and it is reported that he is doing nicely.

It is with regret that we have to report that George H. Cooke has suffered a severe accident but has recovered from the lack of blood poisoning. Earlier in the year Mr. Cooke ran a horse into his hand causing the poison and his health since then has not been of the best. His very many friends here wish him a speedy recovery and the return of his usual good health.

The local organization of arch eks, at their recent and last week, appointed a committee of three to investigate the advisability of taxing bay windows. As bay windows and display windows are one and the same, this taxation will hardly be favorably considered by the trade in this city. Should this become a law, those owning would be obliged to pay taxes and the use of carbon dioxide and starch in the processing compartments instead of allowing the air to reach the fruit while undergoing treatment and the fruit may be pared and eaten while firm.

Horticulture.

PHILADELPHIA NOTES.

Whoever lost a half ticket for Baltimore and Philadelphia can get a refund by applying to John Westcott. Found on the boat trip down the bay. Address John Westcott, Ridge and Lohich avenue, Philadelphia.

We understand that Mack Richmond of Baltimore is contemplating a new deal. He is now a free lance, the Halliday’s having sold their greenhouses of which he was foreman for so many years. Nothing definite has yet been decided on.

A pleasant meeting took place at Dooner’s on Thursday between these two veterans, W. R. Smith and Robert Craig. From time to time old friends from this and one or two other of the “senator” looks hale, hearty and rugged. Age cannot wither nor custom stale.

The grand show that can be inexpensively made with the dahlias was illustrated at the Philadelphia Flower Club dinner. The Niessen growers entered in liberally (without thought of reward) and put up a splendid advertisement for an even more liberal showing of this kind of evidence in the future.

M. Rice & Co. have added to their salesforce Mr. John E. Scolley who will call on the Philadelphia trade. Mr. Scolley is one of the store boys—well trained and promising for the future. He has been with the firm four years. Came to them from high school when 17—so is still a young man with his spurs to win. We wish him well.

The big steamers Frankfurt, Graf Waldensee, Manitou and Taormina are bringing in large shipments of imported baskets, novelties, etc., for M. Rice & Co. They report sales exceedingly brisk. In their warehouses, packing and shipping departments it was necessary to keep the employes working nights to keep up with the orders.

Montague Wright, a former Philadelphia boy, who has for the past six years been one of Lord & Burnham Company’s representatives, is now associated with Dennis Connor in the company’s Philadelphia office. Mr. Wright will give special attention to the work of that eastern territory—a field which he has been in close touch with for several years.


Baltimore—A shipment from Holland consisting of something like 225,000 bulbs has just been received by the park commissioners to be set out in local parks. The consignment was under the supervision of Herman Ilyneveld of Hillegom, Holland, and he has come to this city to instruct those who are about to take care of them. In the shipment were 10,000 Mulliro, 19,000 Imperator Rubrum, 10,000 Couronne d’Or, 60,000 Montresor, 7,500 Belle Alliance and 60,000 Potebaker.

ST. LOUIS NOTES.

Henry Young & Son on Maryland avenue had their opening last week. The store was crowded daily.

C. Young & Sons new show room and store on Waterman avenue is nearly completed and the opening will be made a feature.

The Sanders’ Nurseries new retail establishment on Clara avenue is nearly completed, They expect to open November 1st.

There were quite a lot of large plant decorations last week at the large department stores down town. Chas. Beyer, C. A. Juenegel, Wm. Schray & Sons, and Bruning were kept busy with this kind of work.

The St. Louis delegates who went to Chicago to attend the 25th anniversary of the Chicago Florists’ Club numbered fourteen. All arrived home on Saturday and report a splendid time and a fine entertainment.

It’s only a few more weeks now until the Fall Flower Show opens in the big Coliseum building and which promises to be the biggest and largest ever. The Horticultural Society has yet attempted. Entries are coming in daily for space.

Ostertag Bros., at Washington and Jefferson avenue, also have an opening all week, celebrating their 25th year in business. Flowers and handsome souvenirs were given to all lady visitors. The place is known as the “ladies of flowers.”

Visitors: A. Tomaszewski and Tim Waters, both of Chicago.

DETOUR NOTES.

Miss Holzhauser is fully settled in her new commodious flower shop.

The Michigan Cut Flower Co. has seven million choice ferns stowed away, and they keep coming.

Mr. Harry Breitmeier, son of Genial Phil Breitmeier, will marry Miss Bamlet, Oct. 10, and spend their honey-moon on an eastern trip.

J. F. Sullivan has gone east on a study and bussiness trip, and Mrs. Sullivan, although still showing the effects of her long illness, is hustling in the store.

Schroeter’s annual fall decoration for ening. New E. Enet & Sons, Nelson, 5,000 Beauty, about 4,000 roses, 25 fancy baskets and over 100 palms.

FRANK DANZER.

PERSONAL.

Sedalia, Mo.—C. A. Chaison has been appointed superintendent of Floriculture at the Missouri State Fair.

E. Westergard, gardener for S. W. Westergard, North Dayton, Ohio, left October 13 to take head gardener’s position on the estate of C. Howard Clark, Devan, Pa.

Visiting Cincinnati—George E. Kessler, landscape gardener, St. Louis Mo.


BOXWOOD

THE MACNIFF HORTICULTURAL CO.

62 Vesey Street, New York City

Will offer at Auction on Tuesday, October 17th, at Eleven o'clock A.M., thirty cases of Boxwood, sizes 12 inches to 6 foot high, Pyramid and Globe shape. Also Decorative Palms and Ferns.

ROBERT W. MACNIFF, Auctioneer.
LOUIS SCHMUTZ, Secretary

GREENHOUSES BUILDING OR CONTEMPLATED.

Appletown, Md.—D. H. Green, one house.
Dansville, N. Y.—M. J. Schaal, one house.
Stratham, N. H.—W. H. Land, one house.
Springfield, Mo.—J. N. Draper, addition.
Norfolk, Va.—Fox Hall Farm, house 25x300.
Warwood, W. Va.—Albert Lasle, rebuilding.
Bridgeport, Conn.—James E. Beach, addition.
Evanston, Ill.—C. P. Liedier, range of houses.
Johnstown, Pa.—A. J. Meinneger, rebuilding.
Albany, N. Y.—H. G. Eyres, range of houses.
Marinette, Wis.—George Vatter, one rose house.
Council Bluffs, la. Hermanu Bros., five houses.
Middleport, N. Y.—John H. Gould, four houses.
Alexandria, Va.—David Grillbortzer, house 50x150.
Waukeegan, Ill.—Mrs. John Larsen, house 26x100.
Forest Grove, Ore.—Martin & Forbes, range of houses.
South Norwalk, Conn.—J. H. Smith, range of houses.
Anthony, Kan.—Forest Park Cemetery, one house.

Islip, N. Y.—B. Fagen & Son, one house and office.
Council Bluffs, Iowa.—Hermann Bros., five houses.
Wakefield, Mass.—John Barry, Main street, one house.
Danville, Pa.—E. J. Le Duc, carnation house, 70 x 150.
Aldan, Pa.—Clarence Alwine, three houses, each 25 x 100.
Grosse Point, Mich.—Truman S. Newberry, one house.
Stamford, Conn.—M. Gorman, 1 Green street, addition.
Philadelphia, Pa.—Mrs. J. Carroll, 11th and Cedar streets.
Fort Salonga, L. I., N. Y.—Olmsted & Son, range of houses.
Murphysboro, Ill.—Claude Wisley, two houses each 25x150.
Owatonna, Minn.—Clinton Falls Nursery Co., range of houses.
Pine Hills, N. Y.—George Hawley, 994 Madison avenue, one house.
Irenoequet, N. Y.—Adler Titus, seven vegetable houses 15x500.
Salt Lake City, Utah—C. S. Martin, 747 East Fifth street, one house.
Chicago, Ill.—Peter Nepper, 7431 Murphy avenue, range of houses.
Milwaukee, Wis.—J. Arnold, 1504 Pt. Washington road, two houses.
Malden, Mass.—E. D. Kauback & Son, 100 Pleasant street, one house.
Northboro, Mass.—Ralph E. Wadsorth, Pleasant street, house 40x200.
Lancaster, Pa.—Julius P. Siebold, 821 E. Orange street, two houses, each 26x110.

Davenport, la.—J. W. Davis, Davenport, la., three cucumber houses, each 42x900. Lord & Burnham Co., builders.
Mentcleip, Ind.—The Menticleip Floral Co., house 26 x 100. An office and salesroom with cut flower basement has also been built.
Holland, Mich.—This city is to build a municipal greenhouse as Park Commissioner Koyers has sold his private greenhouse where he has hitherto taken care of the park plants.

SPECIAL ROOSEVELT FERNS

2½ ft. in stock, 5250 past dozen; $17.50 per hundred; $300 per thousand; can fill orders at once or hold them for future delivery. Write for our list of Bittersweet, Whitemani, Anechonoki, Superbells, Scotti, spargeri, Florfas, Maiden Balf and small Ferns.

GEO. A. KUHL, Pekin, Ill.

LORRAINE BEGONIAS

Strong 2½ ft. stock, ready for 3½ in
Per 100, $5.00; 250 at $1.00 per 100.

THOMAS ROLAND, Nahant, Mass.

SPHAGNUM MOSS, bailed bale dry, $25.00
ORCHID MOSS, balled... 30
GREEN CLUMP MOSS... 10
ORCHID PEAT... 10

M. J. TOWNSEND, Berlin, N. J.
DREER SEASONABLE SPECIALS

Special circulars offering the following seasonable stocks have recently been mailed to the trade.

If you are interested and have not received copies, write to us.

Japanese Iris
Japanese varieties, but not Japanese mixtures. 150,000 home-grown plants, true to name. Forty-four of the finest varieties ever brought together. Now is the time to plant.

Paeonies
Now is the time to plant. We have just harvested 150,000 roots, strong divisions, four, five and more eyes. Many of the standard sorts at particularly interesting prices.

Hardy Perennial Phloxes
More than half-a-million plants are now in bloom at our Locust Farm Nursery. The best varieties only and we can ship at once.

Dahlias, Field Grown Roots
We have issued a special catalogue of these which we offer 200 standard up-to-date varieties. You should consult this list before making up your catalogue for 1912.

Araucarias
Thirty thousand plants now in stock. Prices lower than ever offered. This is for early delivery only and it will pay you to cover your requirements for the coming season now. Get our special circular offering these plants.

For a complete line of all seasonable Florists' Stock, Hardy Perennial Plants, Bulbs, Seeds and Sundries, consult our Current Wholesale List, issued September 1st.

HENRY A. DREER, Inc.
714 Chestnut Street, PHILADELPHIA, PA.

LATE DUG FORMOSUM
Fine Large Bulbs Thoroughly Ripened
For 100 $1.00
7-9 in. (250 bulbs in case) $7.50 $35.00
9-10 in. (200 ) $11.00 $50.00

A. HENDERSON & CO.
30 E. RANDOLPH ST., CHICAGO

Headquarters for FALL BULBS
Send for Trade List

John Lewis Childs
Flowerfield - LONG ISLAND, N.Y.

For Fall Planting
Lilium Tenuiflorum, Henry Hanson, Walter and Laurentian; Elegans var., Single and Double Tigers; Japan Tree Lilac; Delphinium formosum; Japan and German Iris, Daphne Cneorum.

Fall list ready in August.

E. S. MILLER
Wading River, N. Y.

ROBERT CRAIG CO.
ROSES, PALMS,
and Novelities in Decorative Plants
MARKET and 49th STREETS. PHILADELPHIA, PA.

ORCHIDS
Greatest quantity and variety in the country. Established and freshly imported. Also material in which to grow them.
Write for special list and catalogue.

LAGER & HURRELL, SUMMIT N. J.

ORCHIDS
Largest Importers, Exporters, Growers and Hybridists in the World
SANDER, St. Alban's, England and 258 Broadway, Room 721 NEW YORK CITY

ORCHIDS
PLANTS and FLOWERS always on hand
ORDONEZ BROS.
Madison, New Jersey

ROEHRS
Orchids, Azaleas, Palms, Lorraines, Crotons
RUTHERFORD, N. J.
CHICAGO NOTES.

An Anniversary Cup.

The handsome silver loving cup presented to the Chicago Florists' Club is calling forth many words of admiration. It is on exhibition at the office of the Chicago Carnation Co., whose popular manager, A. T. Pyfer, is secretary. The cup is about 14 inches high without the base, and on the side is beautifully engraved Chicago Florists' Club Silver Anniversary, from the Milwaukee Florists' Club. Oct. 5, 1911.

The Chicago florists are greatly moved over this expression of the good will that prevails between the Milwaukee Club and their own.

Illinois State Fair.

Chicago florists who attended the State Fair at Springfield, Ill., last week speak in highest praise both of the exhibition and the management of the floricultural part. Pechmann Bros. Co., the Chicago Carnation Co. and the Albert T. Hey Co., all had large exhibits from this vicinity and carried off a fair share of the prizes. Out of the nine entries made by the Chicago Carnation Co., five first prizes and four seconds were won. List of awards is quite lengthy. Schiller, the Florist, had some fine decorative work there and carried off several prizes. The Albert T. Hey Co., of Maywood also did some very creditable work.

Trade Jottings.

The A. Henderson Co. are as busy as bees these days and the amount of both stock that has come and gone during the past month is very large. Azaleas are expected in this week.

Blooming plants are now few. The varieties of early chrysanthemums suitable for cut flowers, as a rule, do not make a growth suitable for pot plants, but there are a few varieties that can be used in this way and they are now showing color. Cyclamen and primulas are coming in in very limited quantity, but are not far enough out to make good offerings for high-class trade. Celestial peppers and Jerusalem cherries (solanum) will very soon be ready for the counters, some few plants being already in the stores. The retail men are still depending on the old standbys, Boston and White man ferns, pandanums, dracaenas, etc., for base ground in window displays, varied by the current collection now offered in great quantities.

The fall openings were unusually attractive, a profusion of color and a vast amount of material being used in window display and overhead trimming. The cutting out of all cut flowers, except Beauties and a few chrysanthemums, is more noticeable than ever this year and less artistic skill is shown in the handling of the artificial materials. Vines, by the hundred, all of the same pattern, no matter how beautiful, do not add themselves to graceful effects as naturally as the growing vines, but their lasting qualities more than make up for it. The producer of prepared and artificial plant is not in a position to have gotten a little ahead of the one who handles it.

Personal.

H. Anderson has been added to the E. H. Hunt office force. Edward Armstrong of A. Lange's and Maggie Maloney were married at St. Joseph, Mich., Sept. 23rd.

Mrs. E. H. Horton of Bassett & Washburn's office force is ill at her home in Evanston. C. M. Dickinson is still confined to his home.—G. H. Pyser continues very ill.

Visitor. M. S. Crozer, Cedar Rapids, Iowa.

BOSTON & MAINE R. R. STATION PRIZES.

An order has been issued by Superintendent Lee of the Boston & Maine Railroad awarding cash prizes for flower displays at the stations of the company. The committee which examined these displays found that 256 stations had been competing for honors during the summer. Fourteen of the displays were found to be commendably well kept, but were awarded no prizes because they were cared for by the roadway department. Beverly

was found to be very attractive; Montserrat quite handsome, especially with the posts of the train shed covered with Virginia creeper. Londonderry is in fine trim; Hoosick Falls charming; Charlestown N. H.; is perhaps the most picturesque at Newport, Vt., and at La porte have been vastly improved. Woodsville excels them all, with its flower beds surrounded with whitened stones and laid out in excellent taste.

The awards in the first four classes are as follows:

First Class—Prize $50. Nashua, Main street.

There were 21 awards in the fifth class, prize $15, 60 in the sixth class, prize $10, and 115 in the seventh class, prize $5.

THE NEW BREITMEYER STORE.

An event of much interest to the trade was the opening of the new Breitmeyer store in Detroit last week. It is built on a lot 44 x 111 and is of the type of a Haarlem home, two show windows below and three large and one small window above. Four columns topped with jars holding pyramidal box extend above the roof and there are window boxes filled with box and ivy at each of the windows. The exterior finish is stucco in light green, with window and door frames and lettering in verde antique.

The store interior is in ivory-yellow, with verde antique ceiling and red floor. Out of this opens a conservatory, 44 feet wide, with arched roof and fountain. The refrigerator is 22 feet long and cooled artificially. The

wainscoting is of marble. All the appointments and adornment of the establishment are artistic, rich and appropriate. The plant tables and shelves are of slate. The lighting is by three chandeliers and groups of electric lights. The lights in the conservatory are made to produce a novel moonlight effect. As a fitting adjunct to such a handsome floral emporium the delivery auto, of which an illustration is herewith given, has been added to the Breitmeyer equipment. It is a "Detroit Electric," manufactured by the Anderson Electric Car Co., of Detroit, and its beauty and practicality for a high-class florist outfit is our reason for illustrating it here. The carrying space is ample and sliding doors connect the carrying space with the driver's seat. The electrical equipment consists of an Edison 66-cylinder A battery developing a speed of fourteen miles and running fifty miles on one charge. The car has a capacity of 1600 pounds.
American Grown Roses

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens.

Write for Trade List.

W. & T. SMITH CO. Geneva, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK
WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS
A GENERAL ASSORTMENT OF
Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our illustrated and descriptive Catalogue for the asking


Large Arborvitaes, Hemlock and Norway Spruce.

THE F. E. CONINE NURSERY CO., Stratford, Ct.

John T. Withers, Inc.
Landscape Architect and Forester
1 Montgomery St., Jersey City, N. J.
Tree Renovation by Expert Operators.
Stereopticons on Horticulture and Arboriculture.

HOLLAND NURSERIES
Best Hardy Rhododendrons, Azaleas, Conifers, Clematis, H. P. Roses, Shrubs, and Herbaceous Plants.

P. O. Ouwertkerk, 214 East St., Waukesha, Wis.

Box Trees and other Evergreens for Tubs and Boxes
Our Prices are Always Right—Catalog Free

THE NEW ENGLAND NURSERIES, Inc
BEDFORD, MASS.

DIRECT IMPORTATIONS
Bay Trees, Kentia, Azaleas, Valley Pines, Roses, Rhododendrons, Boxwood, Manetti, Evergreens, Jap. Lilacs, Kalina, etc., etc.
Nursery stock from France, Holland, England and Japan.

McHutchison & Co. 17 Murray St. New York, N. Y.
THE NEW MINERAL FERTILIZER

Will produce
MORE
and
LARGER
FLOWERS

and of better color than any plant food ever put on the market.

Contains all of the original elements of virgin soil

The above cut shows hollyhocks, nine feet six inches high, with more blossoms and of better color than ever produced by any other fertilizer.

Write for catalogue and testimonials.

THE NEW MINERAL FERTILIZER CO.
19 EXCHANGE PLACE, BOSTON, MASS.

To-Bak-lne Products Kill Bugs
You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free).

Use any form you choose but buy it of
E. H. HUNT, 131 N. Wabash Avenue, Chicago

NEWS NOTES.
Knoxville, Tenn.—The Peters Nursery Co. was adjudged bankrupt on Sept. 28.

Milwaukee, Wis.—The Lake Geneva Horticultural Society have increased their capital stock from $10,000 to $20,000.

Alameda, Calif.—The Japanese Nursery, H. Hayashi & Co., proprietors, have moved from 1908 Park avenue to 73rd avenue and Thomas street, Elmhurst.

Molson, Wash.—A branch of the Wenatchee Valley Nursery Co. will be established here for the growing of young stock. The main nursery is at Wenatchee.

Boston, Mass.—The Beacon Flower Store, 2 Beacon street, has secured an opening into Houghton & Dutton's department store, thus giving patrons easy passage from one store to the other.

Elmira, N. Y.—The greenhouses of H. X. Hoffman, Clinton and Hoffman streets, have been leased by Robert Klebert, who will carry on a florist's business there. Mr. Hoffman will devote his time to the nursery business and landscape gardening.

Grand Rapids, Mich.—C. M. Norton has given an option for the sale of his greenhouses and twelve acres of land on Plainfield avenue opposite the Kent Country Club grounds to J. Bakker, a market gardener, at $8000 and it is likely the deal will go through.

Richmond, Va.—The four-story building occupied by the Richmond branch of the International Harvester Company was gutted by fire on Saturday last, causing a damage estimated at between $27,000 and $30,000. The fire was one of the most disastrous in the city's history. The fire spread rapidly through the brick structure at 1000 Cary street, the harvester plant, following a deafening explosion. The origin is unknown.

Cattle Manure in Bags
Shredded or Pulverized

Cattle Manure

Pure—dry—uniform and reliable
The best of all manures for the greenhouse.

Pulverized Sheep Manure
Absolutely the best Sheep Manure on the market.
Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field work.

The Pulverized Manure Company
Linton Stock Yards, Chicago

Imp Soap Spray

Clean and odorless. Forms invisible film. Non-corrosive. Useful as a stimulant, one to thirty-two.

Single gallons, $1.50
In barrels, $1.00

Eastern Chemical Company
Pittsburg Street
BOSTON

Wilson Plant Oil & Fertilizer Company
150 Nassau Street, NEW YORK CITY

Horticultural Supplies

Write for our special Catalogue 7-

Cocoa and Fiber Soil

Is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

20th CENTURY PLANT FOOD Co.,
27 Ocean St., Beverly, Mass.
Asparagus Plumosus Nanus Seed

We have just come into possession of a late crop of Greenhouse Grown Asparagus Plumosus Nanus Seed—which we secured at our own price, and offer same until sold as follows: and remember that "Sparagus Fern" plants are always scarce after Christmas.

Per 1000 Seeds $1.25, 5000 Seeds $6.00, 10,000 Seeds $10.00

WE SELL BULBS TOO—CATALOGUE ON REQUEST

ARTHUR T. BODDINGTON
SEEDSMAN
342 West 14th Street, NEW YORK CITY

Seed Trade

Crop Conditions.

Crop conditions have now reached a stage where growers both in this country and Europe must show their hands, or in other words must furnish their customers with some sort of estimate of what they expect to deliver on contracts. We are rather inclined to sympathize with the grower who resists pressure requiring him to furnish estimates while his crops are in the field and not matured, and the grower who refuses to submit estimates until his crops are ready for shipment goes to the opposite extreme, and is liable to find himself with reduced patronage or perhaps none at all.

Pea and Beans.

Most of the pea and bean growers have now sent out their preliminary estimates and these fully bear out the rather pessimistic reports we have been furnishing to the readers of HORTICULTURE since midsummer. As a matter of fact, they are worse than we were willing to believe. Here are some of the figures representing the high and low of different growers, the average being about midway between:

Peas: Alaska, 25 to 50 per cent.; Extra Earlies, 8 to 40 per cent.; Aldebaran, Duke of Albany and Telephone, 12 to 30 per cent.; Am. Wonder, 29 to 50 per cent.; Gnome, 7 to 30 per cent.; Am. Wonders and Notts Excelsior are running neck and neck, 8 to 20 per cent.; White and Black Eye Marrowfats, 12 to 50 per cent.; Canada Field, 10 to 40 per cent.; Carter's Daisy, 0 to 20 per cent.; Dwf. Champion, 10 to 30 per cent.; Everbearing and Yorkshire Hero, 10 to 35 per cent.; Gradus, 0 to 30 per cent.; Advancers, Horsford's Market Garden, 20 to 35 per cent.; Champion of England, 0 to 30 per cent.; Heroine, 20 to 35 per cent.; Sutton's Excelsior, 10 to 25 per cent.; Telegraph, 9 to 35 per cent.; Pride of Market, 0 to 50 per cent.; Thom. Laxton, 9 to 25 per cent.; Admiral, 15 to 40 per cent.

Beans will not turn out so large a crop as predicted by many some weeks ago, and most of these bounding optimists now admit this, but it is quite in line with the crop news furnished by HORTICULTURE from last midsummer. We predicted, however, that there would be no famine in Beans, and this still holds good. To begin with, too large a quantity of beans were carried over to permit of a famine. Three or four of the wax and two or three of the green pods are liable to be short enough to arouse interest, but while prices will be firm, there are no indications of any abnormal scarcity. Lima beans, both Pole and Dwarf, are now practically a full crop, barring damage by wet weather, and by the way, it should not be forgotten that no bean crops are secure until safely under cover.

It is now generally thought that sweet corn has made a fair crop, though there are reports from the west that late varieties are short. We look for a firm market on seed corn, but no extravagant prices. The recent heavy frost which visited New England and which was so disastrous to tobacco, contrary to general expectations, did but little damage to corn, if we are correctly informed, and we have no reason to question the accuracy of our information.

Cucumber and Other Vine Seed.

Cucumber seed will be in good demand at fair prices, and New York state grown seed will be at a premium. The crop of Washington County, N. Y., will not be above 25 per cent. on the acreage. Had the severe frost which visited that section of New York state about the same time New England's vegetation received its quietus, held off two weeks, the cucumber seed crop of Washington County would have been above average. Owing to the heat and drought of mid-summer the vines ceased to grow or set fruit, but when the rains came in August the vines started a fresh growth and new fruit was set in great quantities, and it was this that was killed by the early frost. The western crop, we hear, will be fair, but the carry over will be small and we believe in good prices and a firm market for cucumbers. Musk melons will be short, as we learn the Kansas crop will be largely a failure. Quite a number of varieties will be very hard to secure at any price, but we are unable to give specifications at this time. Squashes are in much better shape than a year
JAPANESE CALLAS
All Sound and Free from Disease

FIRST SIZE
$6.00 per 100; per 1000 $55.00
Wholesale Bals Catalogue Mailed Free

HENRY F. MICHELL CO.
518 Market St.
Philadelphia

CATALOGUES RECEIVED.
Harlan P. Kelcey, Salem, Mass.—Rhododendrons, Azaleas and Other Hardy Native American Plants.
E. Y. Teas & Son, Centreville, Ind.—Wholesale Price List Fall of 1911—Hardy shrubs and border plants at lowest trade figures.
Wagner Park Conservatories, Sidney, O.—Choice Plants for Fall Planting. A creditable companion for the many previous artistic productions in the catalogue line sent out by this firm.
Framingham Nurseries, South Framingham, Mass.—Autumn Trade Catalogue. This is a wholesale list of choice hardy planting material of especial value to the landscape worker and suburban gardener.
Vlncent Lebreton, La Pyramide—Trelaze, France.—Wholesale Trade List for Autumn 1911 and Spring, 1912. This is a very complete list of nursery stock, for which McHutchison & Co., New York are sole American selling agents.
W. W. Barnard Co., Chicago, Ill.—Wholesale Price List of Bulbs for Fall Planting. Also Seeds, Christmas Decorations and Florists’ Supplies. Here is a very useful publication and the florist who does not send for it makes a costly mistake in his business.
Hjalmar Hartmann & Co., Copenhagen, Denmark—Wholesale Price List for September, 1911. For cauliflowers, cabbages, turnips, mangolds and other root-crop seeds this firm is headquarters in the esteem of the trade. This catalogue is now in eighteenth year.
Bar Harbor, Me.—E. B. Dane has added to his property here by the purchase of more than 100 acres of land, known as Wildwood Farm. Upon this land Mr. Dane is having a set of farm buildings erected, together with greenhouses.

FORCING TOMATO PLANTS
in 2½ Inch pots at $2.00 per M. In the following varieties: Comet, Sutton’s, Winter Beauty, Sutton’s Best Of All, Sutton’s Abundance, Sutton’s A Y. Cabbage and Lettuce Plants in unlimited quantities and best market varieties.

COLDWELL LAWN MOWERS
Hand—Horse—Motor
Known All Over the World Catalogue on Request.

NEWBURGH, N. Y.
ANNOUNCEMENT

We beg to announce to our friends and patrons that Mr. R. J. Irwin is no longer connected with us. S. S. SKIDELSKY & CO. having on this date—October 2nd, 1911—succeeded the concern of Skidelsky & Irwin Co.

We take this opportunity to thank our friends for their favors in the past and to assure them that it shall be our aim to merit their confidence as well as their patronage also in the future.

Respectfully,

S. S. SKIDELSKY & CO.
1215 Betz Building, Phila., Pa.

PEAS, BEANS, RADISH
and all Garden Seeds
Write for Prices

LEONARD SEED CO.
226-228 W. KINZIE ST., CHICAGO
Wholesale SEED GROWERS AND DEALERS

Wholesale Growers of
Onion, Lettuce, Sweet Peas
and other California Specialties

C. C. MORSE & CO.
68 Jackson St.
SAN FRANCISCO, CAL.

SEEDS, PLANTS,
BULBS
All seasonable kinds of best quality
Special prices on large lots

JAMES VICK'S SONS,
Seedsmen
ROCHESTER N. Y.

COMPLETE STOCK FRENCH AND DUTCH
BULBS
Prices list free on request
Joseph Breck & Sons Corp.
47-54 No. Market St., BOSTON, MASS.

CHOICE BULBS
In great variety for present planting—in-doors and out

THOMAS J. CREY CO.
32 South Market Street, Boston, Mass.

CAULIFLOWER

CABBAGE

MANG-ILD, SWED, TURNIP
LILY OF THE VALLEY PIPS

HJALMAR HARTMANN & Co.
COPENHAGEN, DENMARK.

NEW CROP
Cyclamen Seed
Gold Medal Strain
In all the colors
100 seeds; $1.00; 1000; $1.80

Boston

...THE...

J. C. Robinson Seed Co.
Waterloo, Neb.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pump'in Seed: Sugar, Flint and Field Seed Corns.

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas,
Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.

ONION SEED
We have a choice lot of new crop Silver Skin or Portugal, also other varieties. Write for prices.

SCHILDER BROS.
CHILICOTHE 

OHIO

GIANT

English Cyclamen Seed—best strain, $2.00 per 100. Fancy Seed—house grown, $3.00 per oz. Winamette Giant green-house forcing, $2.00 per oz., 1/2 oz. $1.00.

S. S. SKIDELSKY & CO.
1215 Betz Bldg.
Philadelphia

PRINTING

Fruitmen, Horticulturists and Poultrymen should get their printing done by specialists. Write for prices to THE REX CO., Harrisburg, Pa.

Farquhar's Flower Seeds for The Florist

Write for our Wholesale Catalogue

R. & J. FARQUHAR & CO.
Boston, Mass.

Established 1820

Thorburn's Bulbs

Wholesale Catalogue
NOW READY
Send for a Copy

J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

BRIDGEMAN'S SEED WAREHOUSE
RICKARDS BROS.
Props.
37 East 19th St., - NEW YORK CITY

Sphagnum Moss
In Burlap Bales; per bale $1.00, 6 bales for $5.00, 10 bales for $8.00. Larger Lots at Lower Prices.

The W. W. Barnard Co.
108-110 W. Kinzie St., CHICAGO

In ordering goods please add "I saw it in HORTICULTURE."

Burpee's Seeds

PHILADELPHIA

Blue List of Wholesale Prices mailed only to those who plant for profit.
NEW FLOWER STORES.

Haverhill, Mass.—H. H. Proctor, White street.

New York, N. Y.—Hanschold Bros., 220 W. 42nd street.

Cambridge, Mass.—John H. F. MacDonald, 6 Brattle Square.

Los Angeles, Calif.—The Orchid, Jaeger and Wolfskill, proprietors.

Toronto, Ont., Can.—Mr. Hoath, Spadina avenue and College street.

Washington, D. C.—Joseph M. Hardy, Fifteenth street near L street, N. W.


Haverhill, Mass.—Nathaniel W. Hannaford, of Portland, Me., and Walter Chace, of Grafton, will open a new flower store at 57 White street.

STEAMER DEPARTURES

American.


Anchor.

Cameroun, N. Y.-Glasgow, Oct. 21

Atlantic Transport.


Cunard.

Francoa, Boston-Liverpool, Oct. 11

Lusitania, N. Y.-Liverpool, Oct. 18

Columbia, N. Y.-Liverpool, Oct. 21

Queensland, N. Y.-Southampton, Oct. 24

Pannens, N. Y.-Mediterrannean, Oct. 25

Holland-America.

Rotterdam, N. Y.-Rotterdam, Oct. 12

Lynden, N. Y.-Rotterdam, Oct. 21

Hamburg-American.

Hamburg, N. Y.-Hamburg, Oct. 21

Ireland.

Wolfridin, Boston-Liverpool, Oct. 21

North German Lloyd.

Kroo Bay, Sierra Leone, Oct. 12

G. Washington, N. Y.-Bremen, Oct. 19

Berlin, N. Y.-Mediterraneen, Oct. 21


Red Star.

Finland, N. Y.-Antwerp, Oct. 21

White Star.

Belfast, N. Y.-Liverpool, Oct. 21

Clypeus, N. Y.-Southampton, Oct. 21

Normand, Boston-Liverpool, Oct. 24

Zeeland, Boston-Liverpool, Oct. 24

about Oct. 25, under the name of Hannaford & Chase.

Temple, Texas.—The Temple Seed and Floral Co. has opened a store at Calhoun avenue and Eighth street. J. R. Boyd, of Clarksburg, Texas, in company with his nephew, are the proprietors. They have just erected a greenhouse.

BOSTON MARKET NOTES.

Some fine roses are being sent to Boston by H. W. Field of Northampton, Mass. Mr. Field's business has developed wonderfully from a very small start a few years ago.

W. C. Ward of East Milton, Mass., has a blue pansy which originated with him that is considered ahead of any other blue grown. Mr. Ward will have six houses of pansies when he finishes planting.

Boxwoods in all sizes are seasonable stock. See MacNiff's advertisement of next Tuesday's auction sale.
OUR SILENT SALESMAN

The Most Useful Ornament Ever Placed on a Florists' Desk or Work Table

He Travels and Works for the Florists' Supply House of America but he is a Business Getter and a Money Maker for You.

Do you want to lead in the business successes of the coming season? Do you wish to set the pace for your rivals? Do you aspire to enlarge your field and your facilities?

Our Silent Salesman will tell you how to do it. He has cost us lots of money, months of thought and work and now he belongs to you. We are proud of him and if you will send your address we shall be pleased to forward him to you postpaid. Write now.

H. BAYERSDORFER & CO.
1129 Arch Street, PHILADELPHIA, PA.

A MODEL STORE.

Twenty-five hundred cards were sent out announcing the opening of the new retail store under the name of Adams & Robertson, at Bellevue place and Rush street, Chicago, on Oct. 2d. The place is ideal in location, and fitted up in good taste, everywhere, harmony and soft coloring prevailing. Light blue and white is the color scheme in the walls and floors, and the flower boxes are of the same. A small office, mapping room and cashier's desk are at the rear of the large room, and a large workroom is in the basement. Both members of the firm are former employees of the E. Wiempoelher Co., and are well known to the trade, who wish them success in their new enterprise.

NEWS NOTES.

Northampton, Mass.—M. B. Kingman has reopened his flower store in Hunt's block.

Stamford, Conn.—Alexander Mead & Son, florists, moved into their new building on Greenwich avenue Sept. 30.

Boston—H. E. Hartford and Thos. A. McNichol have started in the florists' greens business at 70 Pemberton Sq.

Ansonia, Conn.—The Ansonia Floral Co., T. J. Mooney, proprietor, has moved to 158 Main street from their old location at 121 where they have been located for several years.

Toronto, Ont., Can.—Fire in a shed in the rear of the florist store of S. A. Frost on College street did $200 damage. The business of Mrs. Thomas Plumb, North Yonge street, has been purchased by J. S. Simmon who will run it in connection with his store at 295 Yonge street.

New York, N. Y.—The Manhattan Plant and Flower Company has been incorporated with a capital stock of $100,000, and the following officers have been elected: J. H. Hanly, president; Hugh Nelson, secretary; and treasurer. The company has acquired splendid accommodations on the first floor of the Coogan Building.

"FLOWERS BY TELEGRAPH." Leading Retail Florists Listed by Towns for Ready Reference.


Boston—Penn, the Florist, 37-B Bromfield St.

Boston—Julia A. Zinn, 1 Park St. Brooklyx, N. Y.—Robert C. Wilson, Polton St. and Greene Ave.

Buffalo, N. Y.—Palmer’s 301 Main St.

Buffalo, N. Y.—A. A. Anderson, 148 Main St.

Chicago—Willis J. Smith, Michigan Ave. and 31st St.

Detroit—Col. Park Floral Co., 1613 Eway.

Detroit, Mich.—J. Breitmeyer’s Sons, Miami and Gratiot Ave.

Kansas City, Mo.—Samuel Murray, 912 Grand Ave.

Kansas City, Mo.—Wm. L. Rock Flower Co., 1116 Walling St.

Lewistown, Ky.—Jacob Schultz, 550 South Fourth Ave.

New York—David Clarke’s Sons, 213-215 Broadway.

New York—Alex. McConnel, 611 3rd Ave.


New York—Young & Nugent, 42 W. 25th St.

New York—Faulds, N. E. cor. 44th St. and Madison Ave.

St. Paul, Minn.—Haged & Olson, Toronto, Can.—J. H. Dunlop, 96 Yonge St.

Washington, D. C.—Wade Bros., 1211 E.

Wellesley, Mass.—Talbby.
BEAUTIES
$1.00 to $3.00 per dozen

The top grades are more plentiful than the short and medium—quality never better. If you buy our Beauties, you get a quality such as you will say yourself you never got anywhere no matter how high the price.

Business Hours, 7 A.M. to 8 P.M.

The Leo Niessen Co.
WHOLESALE FLORISTS
N. W. Corner 12th and Race Sts., PHILADELPHIA

THE BEST LETTERS
FOR THOSE MADE
BY THE
Boston Florist Letter Co.
66 Pearl St., Boston
N. F. McCarthy, Mgr.
Order direct or buy from your local supply dealer. Insist on having the BOSTON Inscriptions, Emblems, etc. Always in Stock.

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO.
MANUFACTURERS
PHILADELPHIA, PA.

PETER REINBERG
WHOLESALE
CUT FLOWERS
37 Randolph St, Chicago, Ill.
POEHLMANN BROS. CO.
33-35-37 Randolph St., - CHICAGO
CUT FLOWERS
Greenhouses, Morton Grove, Ill
George B. Hart
WHOLESALE FLORIST
24 Stone St., Rochester, N.Y.
The J. M. McCullough's Sons Co.

WHOLESALE COMMISSION FLORISTS
CONSOMMENTS SOLICITED
Special attention to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. Price list on application.
Phone Main 584, 316 Walnut St., Cincinnati

To Cut Flower Growers and Retail Florists

IF YOU want to find a market for your product
want a regular or special supply of the product of the best growers

Consult the Advertisements on these Wholesale Flower Pages

The Advertisers Represented Here are the Leading Concerns in the Wholesale Flower Trade

WELCH BROS.
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPREME ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS BEST PRODUCED
226 Ovonshire St, Boston, Mass.

WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100

TO DEALERS ONLY

ROSES

<table>
<thead>
<tr>
<th></th>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHILA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Beauty, Fancy and Special...</td>
<td>10.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>&quot; Extra...</td>
<td>10.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>&quot; No. 1...</td>
<td>6.00</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>&quot; Lower grades...</td>
<td>2.00</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>&quot; No. 1...</td>
<td>3.00</td>
<td>6.00</td>
<td>6.00</td>
<td>6.00</td>
</tr>
<tr>
<td>&quot; &quot; No. 1...</td>
<td>3.00</td>
<td>6.00</td>
<td>6.00</td>
<td>6.00</td>
</tr>
<tr>
<td>&quot; No. 1...</td>
<td>2.00</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>&quot; Low grades...</td>
<td>3.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Bridge, &quot;Mild...</td>
<td>3.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Rose, &quot;Carnival...</td>
<td>2.00</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>&quot; Carnations, First Quality...</td>
<td>2.00</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
</tbody>
</table>

MISCELLANEOUS

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct. 12</td>
<td>Oct. 10</td>
<td>Oct. 10</td>
<td>Oct. 10</td>
</tr>
<tr>
<td>Castleglen...</td>
<td>10.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Lily, Longhorn...</td>
<td>10.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Life of the Valley...</td>
<td>2.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>Chrysanthemums...</td>
<td>10.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Gladioli...</td>
<td>1.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Aster...</td>
<td>1.50</td>
<td>2.50</td>
<td>2.50</td>
</tr>
<tr>
<td>Violets...</td>
<td>2.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>Dahlias...</td>
<td>1.00</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>Sweet Peas...</td>
<td>1.00</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>Gardenias...</td>
<td>5.00</td>
<td>7.50</td>
<td>7.50</td>
</tr>
<tr>
<td>Adenium...</td>
<td>1.00</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>&quot; * Spikenard, (too hich)...</td>
<td>3.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
</tbody>
</table>

J.A. BUDLON
82-84-86 E. Randolph St., Chicago
OUR STOCK IS A-1 AND IT IS QUALITY NOT PRICES THAT TALKS

Chicago Flower Growers' Association
Wholesale Growers of Cut Flowers and Plants
176 N. MICHIGAN AVE., BETWEEN RANDOLPH AND LAKE STREETS, CHICAGO

HENRY M. ROBINSON & CO.
15 Province St., 9 Chapman Pl.,
BOSTON, MASS.
Everything in Flowers
Complete Stock of Florists' Greens,
Three Floors of Florists' Supplies.

TRY MY PRICES.
J. JANSKY, 81 Province St., Boston, Mass.
Manufacturer of Florist Wire Designs,
All kinds of Florist Supplies.
New crop Digger and Fancy Ferns, $1.35 per 100.
Green and Bronze Galax, 90c. per 100; by the case, $7.50.
Bouquet, 50-bushel cases, 4.50 per lb.; by the lb., 90c.
Laurel Wreaths, 10-inch, $1.35 per doz.; 12-inch, $2.50 per doz.; 14-inch, $3.00 per doz.; 16-inch, $4.50 per doz.; Laurel Trimmings, 4 and 5c. per yd.
Flower Market Reports

The demand with the BOSTON wholesaler has been quite brisk the past week. Stock is not over plentiful. Only a limited number of early varieties of chrysanthemums are in flower. The Golden Glow, October Frost, Polly Rose and Chere are the last three. Carnations are high in price considering the poor grade of flowers obtainable. Violets, single, are getting better quality and increasing in supply. Lily of the valley in excellent quality and selling well. Prices on all goods are about the same as last week. The newer varieties of roses are called for and selling at fair prices, while the Bride, Maid and Richmond are moving slowly.

Recent frosts have caused the outdoor stock to move about. It is noticeable on indoor, the demand growing steadily for carnations, roses and other flowers. Chrysanthemums are coming in more plentifully each day, though single Golden Glow and October Frost and Smith's Advance have been had, but a few days of bright weather will bring on Pacific, Polly Rose and Halliday. Roses shortened somewhat in supply, and selected stock was not over-abundant, there being too many Richmonds of all grades, with light demand for them. Carnations are in good supply, especially Enchantress and Bacoon. Some good White Perfection are seen and have had a good call. Dahlias are among the daily receipts and are still taken well. Lilies are in fair supply, also lily of the valley and violets.

Even the most pessimistic now admit that there is a stir in the flower market. Wholesalers are selling pretty close to the end of the supply day by day and even the retailer who has formed the "no business" habit now smiles occasionally and owns up to better times. Weddings are largely responsible for this state of affairs, as retail reports coming in on Saturday and four on Sunday, all of which called for the elaborate use of flowers.

Another has two out-of-town decorations in the near future, both chrysanthemum weddings calling for hundreds of those favorites with brides. The coming in of chrysanthemums seems to have marked the change from summer to fall and a welcome change it is. Violets can hardly be said to be in yet as the sales are so slow. Doubles in most instances remained unsold, but singles sold for 75c last week, few wholesalers carrying them. Cosmos are much in evidence and sell fairly well. Asters, gladoli and other evidences of summer have moved well and will have and sell better than a few weeks ago.

Roses of all kinds are plentiful and no fault can be found with the quality, the occasional sunshine helping out. Delphiniums are unusually fine for the season; long stems and large full blooms are seen in many places. There is an abundance of green of all kinds.

Supply has been rather scarce for a few days, during which the demand was very brisk. Out-door flowers have been ruined by excessive

by heavy and frequent rains. Carnations are coming in more freely, but quality is rather low. The same may be said of single and double violets.

The upward turn in NEW YORK market values which we noted last week has moderated somewhat and with a series of bright warm days crops are being pushed along rapidly and outdoor flowers have taken on renewed vigor. The receipts of dahlias are particularly heavy. Carnations are still lagging in coming forward and are still selling at the enhanced prices of last week. Another very ambitious

(Continued on page 523)
Flower Market Reports.
(Continued from page 17)

The longiflorum lily which has suddenly shortened up in supply and buyers have to pay nearly double the figures prevailing of late. Of castries, the growers who are mostly in the early stages of the flower market. The outlook is for an abundance for some weeks to come. Oncidiums are beginning to assert themselves and Vanda coerulea is also in evidence. Gardenias are very scarce and violets are the least of the summer "flowers" and to McCarthy for his excellent outlook. The prevailing weather has been cool, crisp and the market is in a better condition. The strong increase in supplies this week, particularly in the Oncidiums, have been due to the prevailing weather which is causing many growers to begin Carnations as a particularly good "summer" flower. There is a plentiful supply of Carnations and the market is in strong demand. There is a plenty of supply of Carnations and the market is in strong demand. There is a particularly good "summer" flower.

A combination of cool, crisp weather and an unusually good crop of October weddings, has had an excellent effect on the local situation, and made trading quite lively during the past week. Both local and shipping demands were quite active, and there was no really first-class material but found a market. The dahlias are still fine and in large quantities of these were disposed of for decorative work. They are more than ever a great flower for fall work and have taken a distinctly forward stride this year. There have been two slight frosty attacks but not enough to hurt. In a week or so, however, the chrysanthemums will be too strong that probably it will be just as well for all concerned if these flowers were in addition to the chrysanthemums reported last week, namely: Golden Glow, Polly Rose and Montmorency. The week before, the advent of Monrovia, Glory Pacific, Smith's Advance and Umana. All are fine stock and meet with ready sale. The market on American beauty roses used up on large orders. Supplies were especially strong on the long-stemmed grades. Killarney is exceptionally good and one of the best specials. Mrs. Ward bids in carnations. All carnations have improved as to stem and keeping qualities. Gardenias scarce and below par as to quality. The demand for this flower has improved considerably with receipts abundant and of fine quality. Violets are in but not much to speak of yet—especially the doubles. The latter are very poor.

The last week was not ST. LOUIS so good as expected. The carnation orders were considered dull. The markets were well supplied with some excellent stock from both local and outside growers. A good frost should clean up the outside truck that has been coming in quite recently. The shipments during the week of roses was large at all the markets and Beauties sold cheap. Chrysanthemums are becoming quite plentiful. Dahlias and cosmos are still with us.

Very little change PROVIDENCE took place in the market here during the past week, which still remained dull and uncertain. Carnations soared in price, with choice stock bringing $2.00 per 100, with the demand in excess of the supply. The supply is not shortening, in fact that some of the dealers are sending their stock to Boston and getting $3.00 per 100. Roses of many varieties are very husb, bringing from $1.50 to $2.00 per 100. There are plenty of viola’s on the market, but the demand is at 50 to 75 cents per 100. Chrysanthemums are coming in slow, and the demand is light with the price ranging from $2.50 to $3.00 per dozen. There is a good supply of green stuff on the market.

WASHINGTON Roses are moving much better than they have been, and there is still a large supply of the cheaper grades on the market, selling at from $2.00 to $3.00 per hundred, with a lower price in thousand lots. The latter part of last week brought an increased demand for lily of the valley, as was also the case with Longiflorum lilies. Greens are still moving well and Adiantum hybridum is in better demand. The numerous fall weddings and social events are the cause. Choice Cattleya labiata is in. Yellow chrysanthemums are coming in better shape, and there is a ready demand for them. The white variety are more plentiful and bring less. Carnations are improving in quality and quantity, although there is still room for improvement. Radiance roses are coming in fine, and are worth from $6.00 to $10.00, according to length of stems. "Mrs. Tall" are equally good and the prices are dropping daily. There is a plentiful supply of violas and good stock is being sold to the stores at $1.00, although the price in quantities is somewhat lower. The funeral of Admiral Schley greatly cultivated business last week, as did that of Curtis, the newspaper correspondent. Gude Bros., Kraners, Coolie's, Binkenstein's, Shaw's and others had a share in the work. The native festivities and the convention of the German-American Alliance, called for beautiful arrangements, visiting, etc., also used up a large number of set pieces and enormous quantities of cut flowers. To finish up the week there were several large weddings and the usual trade which comes to the local florists at this time of the year.
HORTICULTURE

Dahlias
Herbert C. J. & Sons Co., White Marsh, Md., for page see List of Advertisers.

Ferns—Continued
Boston Fern—6 inch pots, 50c each, $4.00 per 10; 4 inch, 50c each, $3.00 per 10; 3 inch, 50c each, $2.50 per 10; 1½ inch, 75c each, $5.50 per 100; 1 inch, 75c each, $10.00 per 100; ½ inch, 75c each, $15.00 per 100. Rock Fern, 10c each, $1.00 per 100.

Dahlias—2000 field clumps, finest varieties, cheap for cash; or what you have to trade. See catalogue. Hila-Tex, South Boston, Mass.

Dahlias, divided roots, from 1 to 3 eyes in the piece. Special prices. Penzoldt Bros., Philadelphia, Pa.

Dahlias in., Chicago, Ill. Advertisers.

Dahlias, 3½ inch pots, 25c each, $1.50 per 10; 2½ inch, 20c each, $1.25 per 10; 2 inch, 15c each, $1.00 per 10; 1½ inch, 12½c each, $5.00 per 100; 1 inch, 12½c each, 25c per 100. Fern Satin, 10c each, $1.00 per 100. C. C. Adams, Joliet, Ill. Advertisers.

Dahlias New for 1871

Dahlias, 3½ inch pots, 50c each, $3.00 per 100. F. S. Reed Pottery Co., Manhasset, L. I., Advertisers.

Dahlias, 10 doz., $1.50, and 50c per dozen. Williamanna Townson, J. N., Post Office, Berlin, N. J.

Dahlias
Have a surplus of the following standard sizes:
White, Camelot, and Henry Patrick.
Pink, A. D. Livvick, New York.
Yellow, Catherine, Clifford Brunt, Yellow Jim.
Red, H. Lyndhurst, Wm. Shoben, Chief Indian, Sou., Covina de Donan, the best red of the season.
Cash price for extra heavy field clumps good for five (5) and more good divisions.
$2.00 each, $25.00 per 10; $45.00 per 100. Cash please.


Nurseries, Plants, etc.
In., Exchange Chicago, Ill. Advertisers.

Albemarle Nurseries, 1111 E. Bridge St., Chicago, Ill. Advertisers.

Dahlias—Continued
Chicago, Ill. Advertisers.

Fertilizers
New Century, N. Y. Advertisers.

Fertilizers
H. R. Brock, Grounds Manager, 1504 W. 48th St., Kansas City, Mo. Advertisers.

Ferns
Boston Fern—6 inch pots, 50c each, $4.00 per 10; 4 inch, 50c each, $3.00 per 10; 3 inch, 50c each, $2.50 per 10; 1½ inch, 75c each, $5.50 per 100; 1 inch, 75c each, $10.00 per 100; ½ inch, 75c each, $15.00 per 100. Rock Fern, 10c each, $1.00 per 100.

Dahlias—2000 field clumps, finest varieties, cheap for cash; or what you have to trade. See catalogue. Hila-Tex, South Boston, Mass.

Dahlias, divided roots, from 1 to 3 eyes in the piece. Special prices. Penzoldt Bros., Philadelphia, Pa.

Dahlias in., Chicago, Ill. Advertisers.

Dahlias, 3½ inch pots, 25c each, $1.50 per 10; 2½ inch, 20c each, $1.25 per 10; 2 inch, 15c each, $1.00 per 10; 1½ inch, 12½c each, $5.00 per 100; 1 inch, 12½c each, 25c per 100. Fern Satin, 10c each, $1.00 per 100. C. C. Adams, Joliet, Ill. Advertisers.

Dahlias New for 1871

Dahlias, 3½ inch pots, 50c each, $3.00 per 100. F. S. Reed Pottery Co., Manhasset, L. I., Advertisers.

Dahlias, 10 doz., $1.50, and 50c per dozen. Williamanna Townson, J. N., Post Office, Berlin, N. J.

Dahlias
Have a surplus of the following standard sizes:
White, Camelot, and Henry Patrick.
Pink, A. D. Livvick, New York.
Yellow, Catherine, Clifford Brunt, Yellow Jim.
Red, H. Lyndhurst, Wm. Shoben, Chief Indian, Sou., Covina de Donan, the best red of the season.
Cash price for extra heavy field clumps good for five (5) and more good divisions.
$2.00 each, $25.00 per 10; $45.00 per 100. Cash please.


Nurseries, Plants, etc.
In., Exchange Chicago, Ill. Advertisers.
We offer seedlings of Giant Pansies, mixed, Callistephus grandiflora and Sweet William, 80c per 1000. June saw double Hollyhocks, separate colors, 25c, 100c: $5.00, 1000. Asparagus fern seedlings, strong, 25c, 100c, $2.00, 1000. Russell Bros., Syracuse, N. Y., Route 4.

**PEONY**

Paper Pots: 5000 3 in., $5; 2 1/2 in., $4; 2 in., $3; shipped flat, low freight rates. Crosby & Son, Catonsville, Baltimore, Md.

**POTTERY**

We offer for sale a line of Artistic Earthenware Planters and Garden Boxes, made especially for various plants, such as hollies, fuchsias, etc. Sizes: 6 1/2 in., 9 1/2 in., 12 in., 15 in., 18 in., 21 1/2 in., 25 in. Extra-heavy clay. Made to order. Sample cases sent free. Bank of Commerce, New York City.

**PETUNIAS**

Petunias (Dreese's), mixed, 2 1/2 ft., $2.00 per 100; 200 for $3.00. J. C. Schmidt, Bristol, Pa.

**PHILLYLUMINOS**

P. W., 1000, $5; 100, $50; 10, $5.00. W. C. Pease, New York City.

**PHOENIX**


**PHOENIX**—100 sorts, an enormous stock list ready. C. B. Hatcher, Canal Dover, O. "Frangipani," late dark pink, large divisions, $1.00 per 100, $7.50 per 1000. Chas. Looker, Freeport, L. I., N. Y. PEONIES. Seed for our wholesale list. C. S. Harrison's Select Nursery Co., York, Neb.

**PETUNIAS**

Petunias (Dreese's), mixed, 2 1/2 ft., $2.00 per 100; 200 for $3.00. J. C. Schmidt, Bristol, Pa.

**PILOX**


**PILOX**—Field grown. C. S. Harrison's Select Nursery Co., York, Neb.

**PHOTOGRAPHS**

I make a specialty of photographing flowers, plants, etc., for reproduction. Let me submit samples and prices on material for the next catalogue or circular. Special rates for order of reasonable prices. R. Graves, 414 Hayward Blvd., Rochester, N. Y.

**PLANT STAKES**

Söelle's Theileus Plant Stakes and Trellises. D. Söelle & Sons, Elkhart, Ind.

**PLANT TUBS**


**PIPE AND FITTINGS**

Foleco, Chicago, Ill. For page see List of Advertisers.

**Kowreshell Bros., Co., 466 Erie St. Chicago, Ill. For page see List of Advertisers.**

**METROPOLITAN MATERIAL CO.**, Brooklyn, N. Y.

**FOT HANGERS**

Pot hangers, Kramer's $1 dozen. by exp. $1.25 by mail. 1. N. Kramer & Sons, Cedar Rapids, Pa.

**POLITRY AND FARM REVIEW**

The Rex Company, Harristown, Pa. For page see List of Advertisers.

**PRIMULAS**

Primulas, Primula Chinese, fine plants, 24 in. $2.00 per 100; 300 for $5.00. J. C. Schmidt, New York City.

**PRIMULAS**—Fine plants, 24 in. $2.00 per 100; 300 for $5.00. J. C. Schmidt, New York City.

**PRIMULAS**—Chinese Primulas, 3 in., $1.00 per 100. THE GEO. WITTBOLOD CO., Edgewater, Chicago, Ill.

**SEEDS**—Continued


**SOLANUM**

Solanum Aeuritissimum, 5 ft. strong stock, 50c each. Callornic (Jerusalem Cherry), 5 ft., $2.00 doz., $15.00 per 150. THE GEO. WITTBOLOD CO., Edgewater, Chicago, Ill.

**SPHAGNUM MOSS**


**SPREYERS**


**TRADESCANTIA**

Tradescantia virginiana (Adlering Jew), 2 ft., 40c, doz., $1.00 per 100. THE GEO. WITTBOLOD CO., Edgewater, Chicago, Ill.

**TREE RENOVATION**

John T. Wither, Lynnfield, N. Y. For page see List of Advertisers.

**VALLEY PIP**

Hjalmar Hartmann & Co., Copephey, Pa. For page see List of Advertisers.

**VEGETABLE PLANTS**

Fox Hall Farm, Norfolk, Va. Tomato, Cabbage and Lettuce Plants. For page see List of Advertisers.

**VENTILATING APPARATUS**


**VINCAS**

Vinca, 4 in., $2.00 per doz., $15.00 per 100. THE GEO. WITTBOLOD CO., Edgewater, Chicago, Ill.

**WIREWORK**

Reed & Keller, 122 W. 25th St., N. Y. For page see List of Advertisers. J. Jarsky, Boston, Mass. For page see List of Advertisers.

In writing to Advertisers kindly mention Horticulture.
HORTICULTURE

5-48

October

^POT

FOR

99

14,

1911

TRY

HEWS STAND ARD POTS
140 YEARS
=| WORLDS LARGEST MANUFACTURER*~~

POT MAKERS FOR

*

I

I

!!

III

'

1SSSSS

WRITE FOR CATALOCUE AND DISCOUNT*
Pearson Street,

LOMC ISLAND CITY,

our catalogue.
Milwaukee, Wis.

Write
Wirework.
Hol tou & Hunkel Co.,
William E. Hellsclier's Wire Works, 38-40
Broadway, Detroit, Mich.
for

WOOD PRESERVATIVE
Codutvo Wood Preservative doublss
of

posts,

benches,
a

8c

stick,

amuel

Inc.,

J.

The

Advertisers.

Welch Bros., 226 Devonshire St.
For page see List of Advertisers.
H. M. Koblnson & Co., 15 Province 8L
and 9 Chapman PI.
For page see List of Advertisers.
Buffalo, N. Y.
Fo r page see List of Advertisers.
Co., 383-87 Elllcott
Kastlng
William F.
For page see List of Advertisers.

Morton Grove,

SEED.

BIRD MILLET.

8t

& Son, Baltimore, Md.
For pag e see List of Advertisers.

J.

The McNiff Horticultural

List of Advertisers.

Co.,

Adrian,

Mich.

For page see List of Advertisers.

FLORISTS' GREENS.
Hartford & McDonough, Boston, Mass.
For page see List of Advertisers.

FLORISTS' GALVANIZED BUCKETS
S.

For page see List of Advertisers.

LATE DUG FORMOSA.

New York

Henderson & Co., Chicago, 111.
For page see List of Advertisers.

A.

NEW CROP CYCLAMEN
Fottl.r.

Fiske.

Rawson

Co.,

SEED.

Boston, Mass.

For page see List of Advertisers.

M. C. Ford. 121 W. 28th St.. New York
For page see List of Advertisers.
H. E. Froment, 57 W. 28th St.. New York.
For page see List of Advertisers.
E. C. Horan, 55 W. 28th St., New York.
For page see List of Advertisers.
For page see List of Advertisers.

James McManns. 55 W. 28th

St..

New

NEW SWEET PEAS FOR

1912.
Advertisers.
List
of
For page see

W.

ONION SETS.
S.

Counril

W. 28th St., New York.
see List of Advertisers.

New York

Florists' Association.
St., Brooklyn. N. Y.
see List of Advertisers.
A. L. Yonng & Co.. 54 W. 28th St.. N. Y
For page see List of Advertisers.
Charles Millang. 55 and 57 West 26th 8t
For page see List of Advertisers.
P. J. Smith, 49 West 28th St.. N. Y.
For page see List of Advertisers.

Livingston

AND SHRUBS.

.Tones Co..

"West Grove. Pa.

SPECIAL ROOSEVELT FERNS.
George A. Kuhl, Pekin, 111.
For page see List of Advertisers.

H.

Ad vertisers-

&

For page see List of Advertisers.

F. Sheridan. 133

Kuebler, 28 Wllloughby St.,
Brooklyn, N. Y.
For page see List of Advertisers.
Moore, Henti & Nash, 55 and 57 W. 26th
St., New York.

D. Woodruff & Sons. New York, N. Y.
For page see List of Advertisers.

ROSES, CANNAS

Ycrk!

Fur page see List of Advertisers.

162

York.

PLANTS.
Elmer D. Smith &

D etroit

Greater

New

CHRYSANTHEMUMS, YOUNG

see List of Advertisers.

see List of

Co.,

N. Y.
For page see List of Advertisers.

St.

Michigan Cut Flower Exchange, 38 and 40
Broadway.
For page see List of Advertisers.

For page

Bolgiano

BOXWOOD, PALMS AND FERNS
AT AUCTION.
111.

Cromwell, Conn.
For page see List of Advertisers.

For page

This Issue.

in

Arthur T. Boddlngton, New York. N. Y.
For page see List of Advertisers.

A. Endlong, 37-39 Randolph St.
For page see List of Advertisers.
Chicago Flower Growers' Association,
176 N. Michigan Ave.
For pa ge see List of Advertisers.
Cincinnati, Ohio
The J. M. McCuTfough's Sons Co., SIS

W.

Offers

ASPARAGUS PLUMOSUS NANUS

J.

Wm.

Pennock-Meehan Co.. 1608-U
S!
8l
Ludlow St., Philadelphia, Pa.
For page see List of Advertisers.

New

Chicago
Peter Relnberg, 51 Wabash Ave.
For pa ge see List of Advertisers.

For page

Pa

Rochester, N. Y.

N. F. McCarthy & Co., 84 Hawley St.
For pa ge see List of Advertisers.

Walnut

of Advertisers.

George B. Hart, 24 Stone St.
For page see List of Advertisers.

Boston

Co.,

St.,

York.

Philadelphia

WHOLESALE FLORISTS

Poehlmann Bros.
For page see

New

For page see List

Cowee, Berlin, N. Y.
of

New York

Leo. Niessen Co., 1209 Arch St., Phils.,
For page see List of Advertisers.

WIRED TOOTHPICKS
For page see List

*

Inc.,

—

Providence, R. I. A greenhouse, 20
80, the property of S. H. Briggs, located on Harrison street, has been
placed in the market for rental. The

x

was used sometime ago for
raising lily of the valley, but has been
vacant for several months.

For page

house

Frank Mlllnng. New York. N. Y.
For page see List of Advertisers.

scheduled for October 26 and 27. The
National Association of Gardeners will
hold a meeting in conjunction.

The

Madison

(N.

J.)

show

READY PACKED CRATES

STANDARD FLOWER POTS AND BULB PANS

N. Y.
Advertisers.

Advertisers.
York, N. Y.
Advertisers.
Slebrecbt, 136 West 28th

Chemists, Bos-

Mfg.

too, Mass.

W.

Slebrecht

Costa
ur plaDklng.
saves ten times Its cost

sills

and

Cabot,

the

Preserre»

lumber

eiposed

all

For page see List of
Badgley, Rledel & Meyer,
For page see List of
A. Moltz & Co.. New
For page see List of

CAMBRIDGE, MASS.
1000

New York—Continued
Traendly & Schenck, New York.

i.

Main Office and Factories

CO., Inc.

WHOLESALE FLORISTS

M Mi wok K — Continued

life

HEWS &

A. H.

N. Y.

is

can be shipped at an hour's notice.
per crate:

Price


List of Advertisers

<table>
<thead>
<tr>
<th>Page</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Advance Co.</td>
</tr>
<tr>
<td>3</td>
<td>Anderson, S. A.</td>
</tr>
<tr>
<td>3</td>
<td>Aschmann, G. D.</td>
</tr>
<tr>
<td>3</td>
<td>Bates, C. B.</td>
</tr>
<tr>
<td>3</td>
<td>Belding, B. L.</td>
</tr>
<tr>
<td>7</td>
<td>Bay State Nur. Co.</td>
</tr>
<tr>
<td>7</td>
<td>Bolderskip &amp; Co.</td>
</tr>
<tr>
<td>7</td>
<td>Boddington, A.</td>
</tr>
<tr>
<td>7</td>
<td>Boucher, T.</td>
</tr>
<tr>
<td>7</td>
<td>Boucher, Y. M.</td>
</tr>
<tr>
<td>7</td>
<td>Boyce Co.</td>
</tr>
<tr>
<td>7</td>
<td>Breck, J. S. &amp; Son</td>
</tr>
<tr>
<td>7</td>
<td>Brown &amp; Son</td>
</tr>
<tr>
<td>7</td>
<td>Bury, F. L.</td>
</tr>
<tr>
<td>7</td>
<td>Byles, W. C.</td>
</tr>
<tr>
<td>7</td>
<td>C. G. Wells &amp; Co.</td>
</tr>
<tr>
<td>7</td>
<td>C. M.及びS. T.</td>
</tr>
</tbody>
</table>
KROESCHELL BOILER
Half the Coal and Half the Work.

"Your No. 13 boiler is carrying 23,000 sq. ft. of glass and I can keep it at 60 degrees in the coldest weather without any trouble. I have three other types of boilers also heating a range of 23,000 sq. ft. of glass, but the No. 13 Kroeschell Boiler ONLY TAKES HALF THE COAL and half the work to get the same results."

D. R.—Mr. J. G. Fritz, of Vincennes, Ind., has the largest range of glass in Indiana devoted to vegetable forcing.

KROESCHELL BROS. CO., 466 W. Erie St., Chicago, Ill.

GLASS
Cheap as Dirt
Have you had any prices on greenhouse glass, lately?
Write us at once for our quotations.
We'll surprise you.
Take advantage of the drop and book orders for future deliveries.
Our glass all new and fresh from factory.
Hot-bed such and greenhouse material, dropped too.
PARSHELSKY BROS., CO. 60 Montrose Ave., BROOKLYN, N. Y.

MASTICA
For Greenhouse Glazing
USE IT NOW.
F. O. PIERCE CO. 12 W. BROADWAY NEW YORK

Mastic is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

DREER'S
Florial Specialties. New Breed. New Style. Hose"RIVERTON"
Furnished in lengths up to 100 ft. without seam or joint.
The HOSE for the FLOWER 14-inch, per ft., 15 c. Reels of 500 ft., 14 c. 100 ft., 18 c. 16-inch, 13 c. 10 ft., 11 c. Couplings furnished.
HENRY A. DREER
714 Chestnut St., PHILADELPHIA, PA.

GOLDEN BULLETIN

KING
GREENHOUSE CONSTRUCTION
IF YOU WANT A GOOD GREENHOUSE THAT WILL BE GOOD FOR A LONG TIME WRITE TO
KING CONSTRUCTION CO.
Home Office and Factory N. TONAWANDA N. Y.
Eastern Sales Office No. 1 MADISON AVE.
NEW YORK

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.
CHICAGO, ILL.

BOSTON PLATE & WINDOW GLASS CO.
Greenhouse Glass
GERMAN AND AMERICAN
2611a 287 A St. BOSTON 20 to 22 Canal St.

Holds Glass Firmly
See the Point
PEERLESS
Glazing Putty is the best.
No trouble or labor. Box of 1,000 pieces 10c. postpaid.
HENRY A. DREER
714 Chestnut St., Philadelphia, Pa.

PATENTS
Trademarks and Copyrights
Send your business direct to Washington.
Saves time and insures better service.
Personal attention guaranteed.
Twenty-five years of active service.
SPECIALTY: "Working on the Failures of others."

SIGGERS & SIGGERS
PATENT LAWYERS
Box 9, National Union Building Washington, D. C.
Special Extension of Sash Offer
For Ten Days

No doubt you think such an extension is rather peculiar after our flat-footed statement that "the offer would last only until October 6th, and not a day longer."

But listen! The last few days' mail brought in a large number of letters "kicking" about the short time limit put on the offer. Practically every one of the letters stated that the offer had not been seen until too late.

We didn't pay so much attention to the first few protests, but when they began to pile up, it became clear enough to us that the offer had either not been advertised broadly enough, or the time limit was too short.

So in all fairness to our protesting friends, we are going to give them—and you—another chance to buy 25, 50 or 100 of our "Sash That Last" at the Special Prices named below.

Now get busy and send your orders!
On Tuesday, October 24th, you will have to pay the long price.

25 for $1.05 each 50 for $1.02½ each 100 for $1.00 each

Lord & Burnham Company,
NEW YORK
St. James Building
BOSTON
Tremont Building
PHILADELPHIA
Franklin Bank Building
CHICAGO
Rookery Building

Louisiana Red Cypress
GREENHOUSE MATERIAL
STEEL GUTTERS, TRUSSES, PURLINS, PIPE, FITTINGS, GLASS, Etc.
PRIVATE AND CONSERVATORY WORK A SPECIALTY.
The Foley Manufacturing Co.
Western Ave. and 26th St., CHICAGO

Greenhouse Construction Lumber
John C. Moninger Co.
117 E. Blackhawk St., CHICAGO.

The Florists' Hall Association of America, insurer of 32,500,000 sq. ft. of glass. For particulars address John C. Estler, 699 Saddle River, N.J.

In ordering goods please add "I saw it in Horticulture."
HORTICULTURE

October 14, 1911

For Ornamentalness
No Greenhouse Equals The U-Bar

A glance that's apparent. The reason is, the U-bar. To put it another way; you can put a gold plated harness on a heavy draft horse and hitch him to a swell little runabout—but with all his trappings he ambles along draft horse fashion just the same. So by the same token, putting a curved eave on a greenhouse does not make it a U-Bar curved eave house. It only looks something like it from the outside. A U-Bar house is distinctly different and its the U-Bar that makes it so. Send for the catalog and find out just why.

U-BAR GREENHOUSES
PIERSON U-BAR CO
ONE MADISON AVE. NEW YORK
CANADIAN OFFICE, 10 PHILLIPS PLACE, MONTREAL

LILIUM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price. The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6-7 inch bulbs, 335 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.
7-9 inch bulbs, 200 to the case, $16.50 per case; full thousand lots, $75.00 per 1,000.
9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.

FERNS

We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-in. pots .................................................. $0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis, and Harrisii, heavy 8-in. plants............... $1.00 each
Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10-in. plants ......................... 2.50 each

F. R. PIERSON COMPANY, Tarrytown-on-Hudson, NEW YORK
"It's Rice for Quality and Price"

RICE STANDARD CYCAS

It's just the best thing ever happened. Prices are right. And say! By all means get our special, liberal proposition on this crack-a-jack leaf. Send us a postal for sample and the big news.

We are sole agents for this everlasting, natural leaf, not painted or varnished.

M. RICE & CO. 1220 Race Street PHILADELPHIA, PA.
The Leading Florists' Supply House, and Ribbon Specialists
If You Are Not "Catalogued" Get One

Lest You Forget, We Say It Yet, USE OUR
SPRINKLEPROOF RIBBONS and SPRINKLEPROOF CHIFFONS

Their merits appeal to every florist, large or small.

THREE STRONG REASONS for patronizing the NATIONAL FLORAL RIBBON HOUSE

QUALITY! ORIGINALITY! LOW PRICES!

Samples upon request.

WERTHEIMER BROTHERS, 565-567 Broadway at Prince Street, NEW YORK.

Boston Ferns

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4½ inch</td>
<td>$0.00</td>
</tr>
<tr>
<td>3½ inch</td>
<td>$0.00</td>
</tr>
<tr>
<td>2½ inch</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

Nephrolepis Whitmanii

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2½ inch</td>
<td>$0.00</td>
</tr>
<tr>
<td>3½ inch, pot grown</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

We Stand Back of Our Goods and Guarantee Safe Arrival of Shipments to All Parts of United States and Canada.

HENRY H. BARROWS & SON Whitman, Mass.

PALMS, FERNs AND DECORATIVE PLANTS

<table>
<thead>
<tr>
<th>Name</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. N. Pierson, Inc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CROMWELL, . . . CONN.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ASPARAGUS HATCHERI

The new Asparagus. Beasts the old pinnatus annua in every respect. From 2½-inch pots, $1.50 per 100.

Araucaria Excelsa

5 in., 3 to 4 tiers, 40c. and 50c.; 5½ to 6 in., 4, 5 and 6 tiers, 60c., 75c. and $1.50; 7 in., 25, 30, 40 and 50 in. high, for lawns and porches, $1.50 to $2.00.

Cash with order, please.

Godfrey Aschmann
Wholesale Grower, Shipper and Importer of Pot Plants.

1012 West Ontario St., PHILADELPHIA, PA.

In writing to Advertisers kindly mention Horticulture
GERANIUMS
Lest You Forget
We have some 200,000 in 3 inch pots ready to ship, at $3.00 per 100, and 2 in. stock ready in most of our standard kinds at $2.00 per 100; $18.50 per 1000.

CANNAS
15 Acres in Fine Shape
We are booking orders for fall and winter shipment, of good sound full size divisions, at $2.00 per 100, $15.00 per 1000 and up, good assortment. Will make special price on large lots.

DAHLIAS
200,000 Whole Field Clumps
$5.00 per 100, $40.00 per 1000, in a good assortment. Will make a special price of $35.00 per 1000, in 10 varieties on 1000 or more our selection of varieties, spring shipment.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

NEW ROSES
Originated by Jackson Dawson
Lady Duncan, Dawson, Daybreak, Farquhar, William Egan and Minnie Dawson
WRITE FOR PRICES
We carry a very large stock of Fine Conifers, Deciduous Trees and Shrubs and Hardy Herbaceous Perennials
Send for Our New Illustrated Catalogue

EASTERN NURSERIES
JAMAICA PLAIN, MASS.

ROSES
OWN ROOT—FINE STOCK
Per 100
White Killarney
from 3 in. pots . . . . $3.00
Richmond
Pink Killarney, Chatenay, Kaiserin, Perles, Sunrise, Sunset, from 3 inch pots . . . . $8.00
Bride, Bridesmaid, Golden Gate
$60.00 per 1000. $7.00

GRAFTED
Fine Stock, 3 inch pots
Pink Killarney, White Killarney, Bride, Bridesmaid, Kaiserin, My Maryland.
$15.00 per 100

WOOD BROS., Fishkill, N.Y.

CARNATIONS
F. DORNER & SONS CO.
LA FAYETTE, IND.

Chicago Carnation Co.
30 E. Randolph St.
CHICAGO - ILLINOIS

DIRECT IMPORTATIONS
Day/Trees, Kentia, Anlahe Valley Pips, Roses, Rhododendrons, Boxwood, Manetti, Evergreens, Jap. Lilies, Railla, etc., etc.
Nursery stock from France, Holland, England and Japan.

CHRYSANTHEMUMS
Having Disposed of Our Surplus Stock Plants of ADVANCE, We Are Now in Position to Take Orders for Young Plants for January or February Delivery of the Three Following:

SMITH'S ADVANCE.—The earliest large flowering white, a fine companion of Golden Glow. Can be had from July onward according to date of planting and selecting heat. Being more dwarf and flowers more double than October Frost, is a decided improvement on that variety. It has been so well received by all purchasers this season, we predict a very heavy demand.
PRICE: $1.20 per Ten; $10.00 per Hundred.

UNAKA.—This variety has sustained our last year's description. Being a strong grower with perfect stem and foliage, a fine improved bloom of a pleasing shade of pink and maturing the first week of October, places it foremost among early pinks. In fact there is no other good pink to compete with it at this date.
PRICE: $1.50 per Ten; $12.00 per Hundred.

Chrysanthera Jewel
Stock Plants, 2", $20.00 per 1000
Rooted Cuttings, . . . . $10.00 per 1000

This is by far the finest Chrysanthera in sight and you should stock up now for Spring sales. 21

CHARLES H. TOTTY
Madison, N. J.

In ordering please add "I saw it in Horticulture"
LILIAM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field offered than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-6 inch, as usually offered.

6-7 inch bulbs, 335 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.
7-9 inch bulbs, 200 to the case, $18.00 per case; full thousand lots, $75.00 per 1,000.
9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.

FERNS

We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-in. pots
Nephrolepis Elegantissima, Piersoni, Bostoniensis, and Harrisii, heavy 8-in. plants
Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10-in. plants

F. R. PIERSON COMPANY,
Tarrytown-on-Hudson,
NEW YORK

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome. Visitors in our nurseries. We are only a few minutes from New York City; Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS
Nurserymen and Florists
Rutherford, N. J.

American Grown Roses

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens.

Write for Trade List. W. & T. SMITH CO. Geneva, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK

WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS

A GENERAL ASSORTMENT OF

Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our Illustrated and descriptive Catalogue for the asking.

THE BAY STATE NURSERIES,
North Abington, Mass.

Large Arborvitae, Hemlock and Norway Spruce.

THE FINEST IN THIS COUNTRY. Also other large Evergreens. Some large deciduous trees and large shrubs. Evergreens with bulbs. State sizes in writing for prices.

THE F. E. CONINE NURSERY CO., Stratford, Ct.

FOR SALE

A block of fifteen thousand, bushy, 2-year

CALIFORNIA PRIVET

not the cheap, spindly kind—at so-called bargain prices, but the real thing and worth much more than we ask.

$25 per 1000 to clear.

An experienced nurseryman called at our place today and on examination said it was the finest block of 2-year stock he had ever seen. Cut back—very bushy.

JOHN KULP, Jr., Phila.

JOHN T. WITHERS, Inc.
Landscape Architect and Forester
1 Montgomery St., JERSEY CITY, N. J.
Tree Renovation by Expert Operators, free consultation on Horticulture and Arboriculture.

Box Trees

and other EVERGREENS for Tubs and Bases

Our Prices are Always Right—Catalog Free

THE NEW ENGLAND NURSERIES, Inc.
Bredford, Mass.
Fruit and Vegetables under Glass

MADRESFIELD COURT AS A LATE GRAPE

Madresfield Court is a grape of many peculiarities all of its own. The shape of bunch and berries, flavor, growth, and its fructifying properties, are all very noticeable. The nature of its origin has been given in varying ways, but Barron's Book on Vines gives it as, "A hybrid raised by the late Mr. Cox, gardener to the Earl of Beauchamp, Madresfield Court, Worcester, England, by crossing Muscat of Alexandria with Black Morocco," and this parentage can be traced in the offspring. It has decidedly a Muscat flavor and shape of berry and is very fruitful, nearly every lateral showing a flower truss. The color of the berry and the way the foliage dies off seem to be the chief identifications of the other parent—Black Morocco. This latter is a late grape and when Madresfield Court was first sent out, it, too, was included as a late variety and grown as such for a time. Some gardeners today include it in a late advantage of being in danger of getting bruised when watering and syringing. No. 2 is pear Conference, carrying twelve fruits, a big crop for a twelve-inch pot. No. 3 is apple Cox's Orange Pippin, with twelve fruits; never a large apple, but splendid for dessert.

STORING ONIONS

The keeping properties of onions are greatly decreased by improper storing. Having been grown and housed they should receive enough attention to ensure a minimum loss until used. Onions are best laid thinly on shelves made of laths or narrow boards with a division between each so that the air has a chance to get all around, or tied on to strings—"traced," as some term it—and suspended from the roof or ceiling, a job which will often give employment on some wet day. Onions like a nice dry atmosphere where all frost is excluded.

ENDIVE

Endive is very similar to lettuce to cultivate, the blanching only being different. Treat as lettuce until plants are grown, when it will be necessary to darken

house, but it is a mistake to grow it as a "keeper," in fact it is an early grape and it is more profitable to grow it as such. The chief points which are against it for late work are a great liability to crack if not properly handled, if given too much fire heat the berries will soon shrivel, and after retaining its color for a week or so it will often go back to a reddish black instead of having the deep bloom it should. It has many points in its favor for early work, viz., very easy to grow, always fruitful, easy to set and splendid flavor. When all is considered and the points weighed up, the balance will be in its favor for early instead of (as some still think) for late work. This variety is always very partial to air and where possible should be given more than other vines, especially so when being grown as a late variety, this treatment helping to prevent cracking.

POT FRUIT

The pictures above show three pot trees as grown this season. No. 1 shows Pitmaston Duchess pear carrying seven fine fruits. The crop here is rather low down, owing to a scarcity of flowers, and has the dis-
Seasonable Notes on Culture of Florists' Stock

ERICAS

Ericas such as Erica melanthera, E. hyemalis and E. gracilis, that are wanted for Christmas, should be run anywhere from 45 to 50 degrees at night, but at no time should this temperature be exceeded, for they resent any extremes such as are used to force other plants into flower. In ventilating beware of all piercing winds that we are bound to have at this changeable part of the year, but always try to keep the atmosphere from becoming in any way stuffy or stagnant, a condition which is very injurious to this class of plants. Keep your air in a buoyant condition and you will greatly assist them in warding off an attack of mildew. When this disease shows itself on any plant remove the plant at once as it is very contagious, and blow sulphur through and over the plants until the attack is checked.

LILIES FOR THE HOLIDAYS

Plants of Lilium Harrisii that are wanted for the Christmas trade should be pushed from now on. Where you have lilies that have their pots well filled with roots and are in a healthy condition, you can force them hard, say anywhere from 65 to 70 degrees at night, with ten to fifteen degrees higher during the daytime with sunshine. Give them a bench where they will be as near the glass as possible. Lilies delight in atmospheric moisture, so it is advisable to thoroughly damp down your house twice a day, especially in bright weather, so as to prevent a harsh and dry atmosphere; also give them free syringing overhead on all good days. To enlarge the flowers and give color to the foliage, apply liquid manure twice a week. To keep the aphids from getting a hold fumigate once a week. Now that days are growing shorter, and with the solar heat on the decline, you should be able to count the buds the first week in November, if you want to be sure of your lilies being on time for the holidays. It is a very easy matter to hold them back at this season of the year.

POINSETTIAS

When the bracts begin to form they will need an advance in the temperature, say to about 60 degrees at night. These plants soon impoverish the soil, so just as soon as the bracts can be seen give them manure water twice a week, but only in moderately weak doses, for if made too strong it will cause them to lose their foliage. Keep them nicely tied up. Pay attention to watering now, for an even amount of moisture at the roots is necessary if you want good foliage and intensity of color in the bracts. Where you are troubled with mealy bug you will be obliged to apply quite a strong force of water to dislodge them, for this is the only means to keep down this pest. In order to have cut poinsettias in a presentable shape for decorative purpose they should, immediately after they are cut, be immersed for about one inch of the ends in boiling water for a minute or so; this does not prevent the absorption of water by the stems, and the foliage as well as the bracts are consequently preserved fresh.

SWEET PEAS

To grow sweet peas successfully, ventilation is one of the first points to be observed. Now that the cool nights have arrived keep a little heat running through the pipes and at the same time keep the ventilators open a little at the top; this will give them a cool dry atmosphere which is a good preventive for the dropping of buds. To ensure a free healthy growth it is always better during spells of rainy or misty weather to have a little heat and ventilation at the same time. Don't run your sweet peas too high, which only leaves them weakened in constitution, from which they do not easily recover. Keep them anywhere from 45 to 50 degrees at night and during sunny days 65 to 70, which will allow them to develop gradually in their proper temperature. Keep them well supported from time to time so as to have nice straight growth later on. As the days grow shorter the utmost attention should be paid to watering. While they always like plenty of moisture at the roots they will not stand a continual over-moist condition at the roots, so let them dry out once in a while. Make a sowing now in 4-inch pots; these will bring you a crop in February which will last for about three months if cared for properly.

WINTERING CANNAS AND DAHLIAS

When storing these roots away you cannot use too much care in having the different varieties labeled and placed by themselves, so when you need them again you will know just what they are and where they are. Leave all the soil that will cling to roots of cannas and they will keep in a much better condition for it. They will keep fine on boards beneath a carnation bench. When lifting dahlia roots choose as dry a day as possible and shake most of the soil off, then turn them upside down to allow any water to run off the crowns before storing them away. They will keep in a cool, dry cellar that is secure from frost.

John J. M. Farrell

Mr. Farrell's next notes will be on the following: Care of Roses; Cymbidiums; Callas; Forns for the Table; Freesias for Christmas; lifting Shrubs for forcing; Primulas for the Holidays.

Cypripedium x Mabeliae

This beautiful cypripedium is a hybrid between C. Rothschildianum and C. superbiens and is fairly intermediate between these two species. The ground color is white, suffused with greenish yellow towards the center. The many spots on the petals and the lines on the dorsal sepal are deep purple, and the lip is suffused with dull purple on a pale green ground. As to size and shape of the flowers, the picture speaks for itself being just a trifle under life size. The flowers are carried on a stout, hairy scape a foot or more in length and last a long time in perfection. The leaves are broad, shiny, bright green beautifully tesselated with a darker shade of green. It is a free grower and well worth a place in any collection of orchids.

This fine hybrid was first raised and exhibited by W. R. Lee (England) in 1894. It has since been raised in several other places and has been exhibited under at least seven or eight different names; Cypr. W. R. Lee and C. Lord Derby are perhaps the two most common names for it. Cypripedium Mabelianum, C. Musserium, C. Andronicus, C. Mrs. Harry Smith, C. Rothschildianum—superbiens are other names for the same hybrid.

Naugatuck, Conn.

M. J. O'Ke
Mr. John Farquhar, President, Horticultural Club of Boston:

My Dear Mr. Farquhar,—The formation in Boston of a Horticultural Club, which is intended to be National in its membership and in its field of operation, is a matter of public importance and public interest. For the first time in this country it affords opportunity for concentration and effective effort in several directions. To speak only of one of the benefits to the country, which the community has a right to expect from such an organization as you propose, it should be able to bring Commercial Horticulture in closer touch with Science.

In most European countries are nurserymen and seedsmen whose names are known and respected by everyone who cultivates plants. These firms, for generations sometimes, have kept themselves in constant communication with the great National Scientific Gardens. They have often rendered these Gardens important services, and through their enterprise, intelligence and forethought, have done much for the world, and made themselves rich and powerful. Some of the most important botanical discoveries have been made by European nurserymen, who with rare sagacity and business good sense have hunted the world over for new plants. The remarkable increase of sugar in the beet and the greater product of the wheat field are due to the labor of a Paris firm working patiently from generation to generation along scientific lines. Such firms are looking everywhere for improvement and novelty. The principle which underlies their effort is not to supply the public with cheap and inferior material, but to find or create better material, and then teach the public to appreciate and buy it.

In this country, however, Commercial Horticulture is slow to take advantage of its opportunities for its own improvement and of that of the public. To illustrate this, I need only refer to the Arnold Arboretum. This is a museum of trees and shrubs and a station for increasing the knowledge of such plants, by study, experiment and explorations. It has now for many years been active in the botanical exploration of North America, and more recently it has worked in Japan, Korea, Manchuria, eastern Siberia and western China. It contains the largest collection of trees and shrubs in North America, and few European collections are richer. It is well known in Europe; the heads or the principal officers of some of the National Gardens have found it worth their while to cross the Atlantic to visit it; it is in constant correspondence with the principal nurseries of Europe, to which the Arboretum is greatly indebted. Everyone loves, professional or amateur, who comes to America soon turns his steps towards Forest Hills. To American Commercial Horticulture, the Arnold Arbor.

cum however, is hardly more than a name. Occasionally an American nurseryman passes an hour there, generally in the middle of a hot summer day, and then goes on his way. I do not believe there is a single one of them who knows the collection or its richness in commercial possibilities. What is true of American nurserymen is true of many American park superintendents, and of most American landscape gardeners. This is a cause for general and national regret. The Arboretum fails of its duty and of its purpose, if it fails to make known to the country generally the value contained in its collection. This can only be done by nurserymen. A plant taken up by the trade in the course of a few years becomes known to thousands of people in different parts of the country, who might never have the opportunity to see the Arboretum.

I have realized for several years the necessity of closer relation between the Arboretum and the important nurserymen of the country, but our efforts to bring this about have not met with much success. A few years ago, at his request, we sent to a prominent American nurseryman a collection of rare plants, selected by himself, with the understanding that he was to propagate them and put them on the market. A few months later I found that he had sold the collection as he had received it, to one of his customers. To another firm even better known than the last, the Arboretum once sent a collection of plants from northern China, which were quite unknown at that time. A few years later, I found them in the row where they had first been planted, crowded together, choked by grass and ruined. Some of the same plants sent at the same time to European nurserymen, judging by the way they have been advertised, have produced considerable sums of money.

Hardly a week passes that does not bring letters to the Arboretum asking where plants seen there can be bought. In nine cases out of ten, we are obliged to send in reply the name of a European nurseryman. This usually means that the would-be purchaser goes without his plant, for it is not easy to import a single plant, or even a half-dozen, and to persons not accustomed to doing business in Europe it appears more difficult than it really is.

Here then seems to be one field of usefulness, that the Horticultural Club can properly enter—the bringing about of a better appreciation than now exists, of the necessity of a closer relation between American Commercial Horticulture and the Scientific Gardens and Experiment Stations of the country, of which the Arnold Arboretum is only one, and the most limited of them all in scope, as it deals with only two classes of plants.

Wishing you every success in your new efforts for the advancement of Horticulture, I am,

Very truly yours,

C. S. Farquhar

Brookline, Mass., October 2, 1911.
Horticulture

Volume XIV
October 21, 1911

Contents

Cover Illustration: Cypridium × Mabeliae.


Seasonal Notes on Culture of Florists' Stock—Ericas—Lilies for the Holidays—Poinsettias—Sweet Peas—Wintering Canna and Dahlia.

Cypridium × Mabeliae—H. J. Pope.

For Closer Relations Between Commercial Horticulture and Scientific Institutions, C. S. Sargent, Prof. C. & S. Sargent.


During Recess:


Seed Trade:

Heward M. Earl, portrait.

Interest in Retail Florists:

Steamer Departures.

Flower Market Reports:

Boston, Chicago, Cincinnati, Detroit.

New York, Providence, St. Louis.

Miscellaneous:

Two Good Roses—Illustrated.

Monument to Earnest Calvat.

Washington Notes—Philadelphia Notes.

Charles Lenker and House of Robinson Chrysanthemum.

A Dahlia Grower.

Personal—Cincinnati Notes.

Publication Received.

Chicago Notes—St. Louis Notes.

Provider Notes.

News Notes.

Greenhouses Building or Contemplated.

Next Monday is the date for the opening of the new New England Fruit aroused. Boston, will undoubtedly be thronged with visitors who will have before them an impressive demonstration of the potentiality that lies in New England soil ready to respond to the touch of the fruit grower and soil tiller. We have heard much of late years on this subject from sanguine promoters and lecturers, but now, with the inspiring, vivifying energy of the husbanding.

Plant bulbs early natural for bulbs and tuberous-rooted plants to be out of the ground at all. Under natural conditions, hyacinths, tulips, narcissi, crocuses, scillas, snowdrops and other such plants, begin to make new roots and upward growth very early in the autumn. Even the latest flowering tulips, the Davids, which may have remained in the ground since last spring will be found to have made roots several inches long and shoot from the top of the bulb an inch or more in length. Such bulbs will bloom earlier and produce stronger flowers than freshly imported bulbs of the same varieties planted now. It is better than all Holland bulbs be planted as soon as possible after arrival in this country. When planted early they immediately begin to send out roots, and if an abundance of these are developed before cold weather the bulbs are in better condition to survive the winter and will produce stronger blooms in proportion to the greater amount of root growth. Crocus corons are more affected by being kept out of the ground than are most of the real bulbs. They deteriorate very rapidly when kept in a dry state. Not only will the purchaser of bulbs be benefited by early planting, but the dealer will gain materially by getting this stock off his hands at the proper season.

In our editorial observations last week we took occasion to call our readers' attention to the situation of large opportunity so admirably presented by Mr. Farquhar in his address at New York on the Horticultural Outlook. It is a privilege to place in the hands of the thoughtful horticulturists of the country in this issue, another notable contribution to the funds of wise counsel to which, at the present juncture, we believe the commercial horticulturist should give heed—this time from the pen of Professor Charles S. Sargent. "To see ourself as others see us" is always helpful and when Prof. Sargent calls attention to the "enterprise, intelligence and forethought" of foreign nurserymen and places in comparison the slowness hitherto of the American trade and their apparent indifference to the profit and honor which are within their reach it behooves us to give more than passing thought to the admonition. It is conceded, of course, that general conditions in this country are vastly different from those prevailing abroad and that the attitude of the public thus far has not been such as to encourage much enterprise in the finer fields of horticultural development. But observant judges now see the beginning of a new era and the men who desire to take advantage of it can find no better enterprise for a "bigger, better and busier" American horticulture than a thorough acquaintance with what the Arnold Arboretum is doing and a good knowledge of the new forms of plant life constantly being brought to light through the researches and collecting tours conducted by that useful institution. We certainly hope that Professor Sargent's plea may have the effect of awakening a deeper interest in these things among the commercial horticulturists of our country.
OBITUARY

J. A. McKee.

J. A. McKee, nurseryman, of King's Mountain, Ky., died recently at the age of 84. One son and a daughter survive him.

Bert Anderson.

Bert Anderson, formerly a florist at Grecyee, Colo., died in Chicago on September 23, and was buried from the home of his sister in Davenport.

Mrs. Letitia Pecil.

Mrs. Letitia Pecil, who for twenty-six years has conducted a florist establishment on old Lawrence street, Flushing, N. Y., died on October 12, aged 78 years.

Mrs. Mary Therese Russell.

Mrs. Mary Therese Russell, widow of Thos. L. Russell, died on Oct. 14 at her home in Seventeenth street, Brooklyn, N. Y., aged 47 years. She was for some years a florist in South Brooklyn and her late husband was a traveling representative for the Florists' Exchange for some years, writing over the name of Peripatetic. Mrs. Russell was born in Ireland. Two sons and one daughter survive her.

Patrick Kelly.

Patrick Kelly, 60, for years in business as a gardener on the East Side, Providence, R. I., was found dead in bed at the home of James W. Collins, 11 Howell street, on October 16. The bedroom was filled with gas, pouring from open jet, but a wide-open window at the head of the bed indicated that death was due to accident. It was also found the gascock was loose. Kelly was last seen by members of the Collins family on Saturday night. He had been employed by numerous residents of College Hill.

Thorwald Jensen.

This well-known florist died at his home, Mamaroneck, N. Y., on October 9, aged 67 years. Interment was at Rye Cemetery. October 11, Mr. Jensen was a successful grower for the New York market, especially in the days when Lady Emma and Portia were in their prime of popularity as scarlet varieties. He grew them in large quantities and high qualities. He has been located in Mamaroneck for about thirty years. Mr. Jensen was a companionable gentleman and leaves a large number of friends to mourn his loss.

Nanette Huenber.

Nanette Huenber, niece of Mrs. Frank Bea, Chicago, with whom she had made her home for four years, died suddenly, September 29th, after an illness of but a few hours. She was born in Beyreuth, Germany, 29 years ago and came to this country to make her home with and assist Mr. and Mrs. Bea in the greenhouses and had made many friends among the young people. The funeral was held from the residence, October 2nd, six young ladies acting as pallbearers. Her death occurred four years from the day she arrived. Interment was in Montrose Cemetery.

The accompanying picture shows the two roses sent out by Peter Henderson & Co. in 1910—Silver Moon and Dr. Van Fleet—growing in Mattapoisett, Mass., at the residence of Miss Alice Stackpole. They were purchased on the strength of HORTICULTURE's description of them and planted in May, 1910. The photograph was taken July 3, 1911. Miss Stackpole, in an interesting letter concerning these roses, writes as follows:

The first year their canes were ten or twelve feet long, and I wrote to Henderson to ask if they were really hardy. They answered that they had not been tested north of New Jersey, so I earthed them up eight inches and gave the canes a light covering of straw. Very little of the wood was lost. One plant of Dr. Van Fleet I left in an exposed place and only put dressing around the roots. The wood was killed back so far that I shall protect it this winter. A neighbor has both these roses on a stone wall and they went through the winter without protection.

The Silver Moon is the nearest rose, Dr. Van Fleet is on the two centre pillars, and the rose at the farthest corner is on the Pillar, and all have now reached the upper story. These roses are not only lovely in bloom, but have beautiful glossy foliage. Silver Moon is quite four inches across, and Dr. Van Fleet, while not very full, is an exquisite shade of pink and lovely in the house.

It is a pleasure to find roses that are quite all they are described and, I hope Christian Wight will turn out as well.

Robert MacMillen.

Robert MacMillen died at his home in Greenwich, Conn., on October 9, aged 51 years. Mr. MacMillen took sick June 2, but recovered so far as to go to Babylon, Long Island, for a few weeks, but after his return he seemed to grow weaker and the end came coming to this country and reaching Boston when in his 22nd year. When we first knew him a quarter century ago, he was a grower of miscellaneous stock in Pearl River, New York, where he had a small range of greenhouses. Four years ago he started a retail flower business in Greenwich and has been doing well. He was a very skillful and tasteful decorator and, as a man, was respected and beloved by a large circle of friends in the business.

Charles A. Fox.

It is with deep regret that we have to publish the news of the death of Charles A. Fox, one of Baltimore's oldest florists, who passed away on Saturday last at his late residence, 1202 Bolton street. Death was caused by the infirmities of old age. Mr. Fox, having seen eighty milestones pass him on the way. He had been located at Bolton and Dolphin streets for the past fifty years or more and was one of the foremost of the florists and ornamental horticulturists of the city. His widow, Mrs. Eliza Fox, two sons, William J. and Charles A. Fox, Jr., and three daughters, Margaret, Jane and Nellie Fox, survive him. He was a lifelong member of the Church of the Immaculate Conception, and from here he was buried on Tuesday last in the Bonnie Brae Cemetery. He leaves behind him a host of saddened friends for Mr. Fox was ever well-liked and his passing away is a matter of deep regret.

ROBERT MACMILLEN

very peacefully, Oct. 9th. He had an abscess on the brain which was hopeless from the first. He was buried in Putnam Cemetery, Greenwich. The funeral services were from his late residence, 69 Arch St., Thursday, Oct. 12. He is survived by his wife. Mr. MacMillen was a native of Scotland.
The New Jersey Floricultural Society held their sixth annual Dahlia Show in Linsdale Hall, Orange, N. J., Friday afternoon and evening, October 13th. On account of the weather being so late in flowering this year, there were not so many entries as usual, but the quality of the exhibits was very high, and the show was patronized by the public. Lager & Hurrell, Summit, Joseph A. Manda, West Orange, and Thos. Jones, Short Hills, put fine displays of orchids, Joseph A. Manda receiving first-class certificates; Lager & Hurrell, cultural certificate. William Tricker, Arlington, N. J., showed a fine collection of outdoor roses, for which he received a first-class certificate. He also showed Aeonium Fischeri and Actea japonica, and was awarded a cultural certificate.

Walter M. Gray, Maplewood, N. J., carried off the gold medal offered by Lord & Burnham Co. for the best 60 dahlias in competition for Crown and Cactus, 29 flowers of each. He was also 1st for 12 Show, 12 Decorative, and 12 Cactus, each in three varieties, six pink Cactus in two varieties, and one Decorative and one Cactus by A. M. Hattaway. Mrs. Max Schneider, gardener, was first for six maroon; Manton B. Metcalf, Geo. Wright, gardener, second; A. B. Jenkins, Fritz Borglund, gardener, third; M. B. Metcalf, first for six white Show; Charles Hathaway, second; M. B. Metcalf, first for six pink Show and six pink Decorative; A. B. Jenkins, first for six red Show and for 50 Single Thomas Edison, George B. Wilson, gardener, first for six Cactus. Mrs. H. E. Thompson, Charles Ashmead, gardener, first for sending dahlias not yet disseminated.

Certificates of merit were awarded to A. C. Von Graasbeck for dahlias; Mrs. W. M. Derringer, Charles Panunzi, gardener, for sending dahlias; S. M. & A. Colgate, Wm. Reid, gardener, for Geraniums, Mrs. Agnes Groegelaar, gardener, for Chrysanthemums; Wm. Kuncke, D. Kingsgrab, gardener, for dahlias and apples; Walter M. Gray, for dahlias; J. B. Jenkins, for orchid plants, and George M. Wardwell, for dahlias. Certificate of culture to A. C. Von Graasbeck, John Derven, gardener, for Killarney and Bridesmaid roses.

In the monthly competition for points the following awards were made: Class A, 1st, S. M. & A. Colgate, 37; 2nd, Mrs. A. C. Von Graasbeck, 21; 3rd, Mrs. W. M. Derringer, 17; 4th, Franklin L. Coit, 13; 5th, Oscidium varicosum, 93; Lager & Hurrell, Laelio-Cattleya luminosa, 91; Thos. Jones, Cattleya labiata, 91; Class B, 1st, J. B. Jenkins, foxglove, 15; 2nd, S. A. E. Lee, pansy, 14; 3rd, Charles Hathaway, celosias, 85.

The judges were Arthur T. Caparu, Peter Duff, and James Carswell.

The following arrangements for its annual Chrysanthemum Show, to be held on Friday afternoon and evening, November 10th, at No. 240 Madison street, were made: Missels, Phil. Breitmeyer, Otto Koeng and J. Bertramman have consented to act as judges. Wm. Sunderbruch, Jr., Chas. Witterstaetter, Jos. Beran, Emil Sattler, Ed. Bossmeyer and Harry S. Henderson, suspenders; two of the rules, elected to membership by acclamation. A committee consisting of C. E. Critchell, P. J. Olinger and C. H. Hoffman was appointed to supervise the judging for entertaining florists.

The invitation of A. Ostendarp and A. C. Hulman, Jr., of the Cincinnati Cut Flower Club, to hold their annual meeting on Saturday, November 11th, at their place of business was accepted. A special meeting will be held at the meeting house on October 27th, E. G. Hill of Richmond, Ind., was on hand. He showed a vase of his yellow rose Sunburst, that gained the admiration of all by its fine points. Mr. Hill also talked entertainingly of European shows, especially in "merry old England."

WORCESTER COUNTY HORTICULTURAL SOCIETY.

At the annual fall exhibit of the Worcester County Horticultural Society in Horticultural Hall, Worcester, Mass., October 12th, was held an excellent showing of fruit, also a display of hardy shrubs by William Anderson, gardener for Bayard Thayer of Lancaster, and several plants from George McWilliam & gardeners for A. Marston Whitin of Whitinsville. These latter, were arranged in a mound effect in the center of the hall, and made a pleasing contrast to the many colors of the fruit, arranged on the surrounding tables.

The platform of the hall was banked with plants from the H. F. A. Lange greenhouse.

The annual dinner at 12:30 o'clock was followed by a short program of speeches. President Edward W. Breed of Clinton Institute, spoke on the loss to the society in the death of Adin A. Hixon, who served for over 20 years as secretary and treasurer, and the committee reported three minutes' silence in his memory.

J. Lewis Ellsworth, secretary of the state board of agriculture, spoke briefly of apple growing methods in the west.

W. D. Ross announced the awards on eulage corn competition for which he had offered a premium of $50 in gold. The flowers were sent to H. W. Harris of Adrian, Mich., who produced over 68 tons on an acre of ground.

Other speakers were J. K. Greene and Dr. Geo. E. Francis, and a demonstration of apple packing was given by J. B. Castner of Hood River, Ore.

CINCINNATI FLORISTS' SOCIETY.

The October meeting of the Cincinnati Florists' Society was well attended. The executive committee of the flower show reported that J. M. McCullough's Sons Co., Chas. McCullough and R. Witterstaetter had donated silver cups for prizes. Messrs. Phil. Breitmeyer, Otto Koeng and J. Bertramman have consented to act as judges.

Wm. Sunderbruch, Jr., Chas. Witterstaetter, Jos. Beran, Emil Sattler, Ed. Bossmeyer and Harry S. Henderson, suspenders; two of the rules, elected to membership by acclamation. A committee consisting of C. E. Critchell, P. J. Olinger and C. H. Hoffman was appointed to supervise the judging for entertaining florists.

The invitation of A. Ostendarp and A. C. Hulman, Jr., of the Cincinnati Cut Flower Club, to hold their annual meeting on Saturday, November 11th, at their place of business was accepted. A special meeting will be held at the meeting house on October 27th, E. G. Hill of Richmond, Ind., was on hand. He showed a vase of his yellow rose Sunburst, that gained the admiration of all by its fine points. Mr. Hill also talked entertainingly of European shows, especially in "merry old England."

ST. LOUIS FLORISTS' CLUB.

The St. Louis Florists Club held a very interesting meeting on Thursday afternoon, October 12th, in Odd Fellows Hall. Vice-President Vennemann opened the meeting and Ex-President Fillmore at once proceeded to install President-Elect Robert J. Windler, who
AMERICAN ROSE SOCIETY.

Arrangement has been made at Detroit for the joint exhibition in January, 1912, to be held in Wayne Pavilion adjoining the Michigan Central Station, where trains from New York, Boston, Philadelphia, Pittsburgh, Washington, Cincinnati, Chicago, etc., come in. The hall is spacious, so arranged that ventilation is readily adjusted.

The effort will be to make this a great popular show. The trolley lines to the corner from all the surrounding country are being made to put out a prize list of value. The American Rose Society asks all of its friends support for the prize list.

The Annual Bulletin for 1912 will be mailed by Christmas and contains much matter of interest. The Carnation Society exhibit is held in the same hall at the same time.

We would be glad to hear from any and all intending exhibitors at an early date. The Detroit people will do all possible to aid the exhibition.

BEXIX H. FISHLKILL-ON-HUDSON, N. Y.

NASSAU COUNTY HORTICULTURAL SOCIETY.

The annual Dahlia Show of the Nassau County Horticultural Society was held in connection with the October meeting of the Society in the Town Hall on Wednesday afternoon, October 11. The awards were as follows:


Six Cactus, 1st Emmett Queen, garden Chief; 2nd, Mrs. C. B. Smith, garden chief. Best Three Plants—Mrs. H. J. Bucknell, 1st, Mrs. F. S. Smithers, garden chief.

Twelve Single, 1st, Parker D., Handly; 2nd, Mrs. E. M. Townsend.

Twelve Cactus, 1st, Mrs. E. M. Townsend; 2nd, Mrs. H. J. Bucknell. Two Plants—W. H. Bucknell, garden chief; 2nd, Mrs. C. B. Smith, garden chief; 1st, J. Ingrain; 2nd, Mrs. F. L. Pratt.


Two Plants—Mrs. C. B. Smith, 1st Emmett Queen, 2nd, Mrs. H. J. Bucknell.


There will be nothing too good for our visitors and every effort will be made to accomplish both fullest result from the business point of a fair and all the comforts and pleasures possible.

FRANK DANZER.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURE.

Department of Registration.

As no objections have been filed, public notice is hereby given that the registration of the hegonia, "Feastii Bunchii" by Lloyd C. Bunch of Free- dom, Kansas, becomes complete.

H. B. DORNER, Secretary.

October 12, 1911.

NATIONAL ASSOCIATION OF GARDENERS.

A meeting of the executive committee of the National Association of Gardeners was held in Horticultural Hall, Philadelphia, on Tuesday, the 16th inst., to complete arrangements for the forthcoming convention at Madison, N. J., on Friday, October 5th.

The convention will be called to order at 2 o'clock in the James Building. As this is the first convention since the association has been incorporated important business will come up, principally the adoption of a new set of by-laws to govern the charter. An election of officers will also occur, and several subjects will be brought up looking to the future welfare of this organization, which has been making rapid strides within the past year.

It is expected that J. K. M. Farquhar, of Boston, will address the convention on the introduction of flowers into this country; and J. Otis Tilly, of Philadelphia, has also promised to talk. Charles H. Totty of Madison, who has just been appointed chairman of the National Flower Show Committee will talk to the gardeners to urge them to lose no time in preparing for the next national show, which it is expected will be held in New York City in March, 1913. A large attendance is looked for, and as the annual show of the Morris County Gardeners and Florists' Society occurs in the same time and place, an additional feature of interest is added to bring many gardeners together.

HORTICULTURAL SOCIETY OF NEW YORK.

The annual fall exhibition will be held in the American Museum of Natural History, November 3rd to 10th. A premium list consisting of $1,500 has been prepared. A little over one-third of this amount is allotted to the chrysanthemum, covering bush, standard, Vale of York, and short cut flowers. Orchids have been provided for by many prizes for collections, novelties, individual plants in bloom and cut flowers. Roses, carnations, fruits and vegetables, and foliage and decorative plants are included in the premiums.

Prizes are offered for decorations and floral pieces, and it is hoped that those who make a business of such decorative work will take advantage of the opportunities offered at this exhibition. Thousands of people who appreciate to the full this class of work visit the exhibition.

The American Museum of Natural History, not only one of the finest public buildings in New York City but also in the world, is centrally located and readily accessible by surface cars, elevated and subway. The spacious halls have been admirably adapted to the exhibition of plants and flowers and provide ample opportunity for the proper display of specimen plants; if such are grown, the utmost beauty of individual specimens is lost.

Schedules will be sent upon application to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, New York City.
NATIONAL CHRYSANTHEMUM SOCIETY.

It is indicative of the severity of the summer heat in England this year, a rather uncommon occurrence, that at the last floral meeting of the Chrysanthemum Society there was not a small flower staged for adjudication. On October 4th and 5th the society's first show of the season was held in Sydenham—five miles from London—on the grounds of the Royal Horticultural Society. The show was devoted to the early-flowering varieties—and here again we had abundant evidence of the effect of an almost tropic summer upon horticultural flowers.

The great trade groups were lacking in their usual attractiveness, a feature not to be wondered at when we say that after the hot September and only three days before the show a biting frost came to make the disaster complete.

In the great miscellaneous groups so great credit must be given to the raffle which always do so much for the general effect of the show we noticed particularly one from Norman Davis. For effect it was undeniably out of proportion with the other taste being displayed in its arrangement. Verbal description would be of little avail. In the back row were some fine sheaves of brightly colored Michaelmas daisies at intervals arranged in tall supports. Here and there palm's bent variety. The front row was edged with choice greenery. Along the borders are a multitude of various sized big blooms set up with a delicate arrangement of autumn foliage. At the right and left-hand sides choice lots of carries and white Queen were the piece de resistance of the entire composition was unquestionably a magnificent stand of fifteen colossal blooms of White Queen, set up with a border of stars of much size, while to give emphatic expression there were some fine vases of the "Big Jap", in such arrangement that the vases of big Edwards, Norman Davis, D. B. Crane, Col. Converse, Davis Ingamells, etc. A gold medal was awarded.

The reserve was A. J. In big Jap. White Queen was awarded supreme, there being three grand lots in a dainty setting of an immense collection of brightly colored Michaelmas daisies.

At the annual meeting held in A. J. this old friend of the society.

William Wells was there too in full force. A fine long table display of undeniably merit brought him the award of the society's gold medal. Big Jap blooms, singles, earlies, decorative, phlox, and Aster amellus, etc., made a fine show. We cannot name any particular variety which was legion—but White Queen was again of immense size and as with the other exhibitors is evidently a rare "doer."

The judges reported as follows on exhibits:


NATIONAL FLOWER SHOW COMMITTEE.

The National Flower Show Committee appointed by President George Jones at the office of Trendencies & Schnecker last Monday. There were present: Messrs. C. H. Totty, chairman; W. F. S. Davis, Secy.; Dr. Sim, W. F. S. Davis, D. C. R. Crane, Col. Converse, D. Davis Ingamells, etc. A gold medal was awarded.

The reserve was A. J. In big Jap. White Queen was awarded supreme, there being three grand lots in a dainty setting of an immense collection of brightly colored Michaelmas daisies.

At the annual meeting held in A. J. this old friend of the society.

William Wells was there too in full force. A fine long table display of undeniably merit brought him the award of the society's gold medal. Big Jap blooms, singles, earlies, decorative, phlox, and Aster amellus, etc., made a fine show. We cannot name any particular variety which was legion—but White Queen was again of immense size and as with the other exhibitors is evidently a rare "doer."

The judges reported as follows on exhibits:


FRENCH CHRYSANTHEMUM SOCIETY.

The 16th congress of this society will be held on October 26 to 29, at Marratin, in conjunction with an international horticultural show to be organized by the local society. The following questions are on the agenda paper for discussion: a pocket edition of the Color Chart, Best Times for Planting the Budding, Insects and Diseases, Manures for Chrysanthemums, Influence of Sulph of Magnesia on Chrysanthemums, Classification of Chrysanthemums.

Pennsylvania Horticultural Society.

The regular monthly meeting was held on the 17th inst.; matters pertaining to the fall show mostly. A magnificent bloom of the new white chrysanthemum, Mrs. David Syme, were exhibited by Samuel Batchelor—left to his was the award first prize.

Club and Society Notes.

The North Shore Horticultural Society will hold a Chrysanthemum Show, October 25th and 26th, at the Town Hall, Manchester, Mass.

The Executive Committee of the National Sweet Pea Society of America will meet at the Shinnecock Inn, November 4th, at 12 o'clock. W. Sim, Pres.; H. A. Bunyard, Secy.

Ashbur Park, N. J., is to have a new and very desirable attraction next month in the form of a chrysanthemum show at the Casino. The pansies are now being grown in the Publicity Director Denenag, with the enthusiastic support of the Elberon Horticultural Society.

The Milwaukee Florists' Club will put up an elaborate show at the Auditorium this fall. From the local daily papers we learn that the show will have a well-arranged, systematic, and symmetrical design, with winding walks, oddly shaped plants of greensward, fountains, terraces, hedges, floral pyramids, trimmed walls and rustic ledges. The stage will be terraced and hedged according to a unique idea, copied from a natural scene in the Vermont Hills made of Boston walk, a walk, and straight in its lines, except at the center, where a circular plot with a rustic music conservatory breaks the regularity of the lines. The open field, the auditorium, presents a vast pyramids of blooming plants.

MONUMENT TO ERNEST CALVAT.

We note that the subscription list to the subscription list to the memorial to the memory of the great French Chrysanthemum raiser, Calvat, now reaches the sum of $266. The list has been opened for a long time and has been slow in reaching that figure.

Hartford, Conn.—W. Vibberts has purchased the Bennett estate greenhouse and will make additions and improvements.
DREER'S SEASONABLE SPECIALS

PALMS, FERNS, ARAUCARIAS, PANANUS, ETC.

A special offer of the above has just been mailed to the trade. If you did not receive a copy and are interested write us.

DAHLIAS

A special catalogue offering 200 standard up-to-date varieties will be sent for the asking. It will pay you to consult this before making up your 1912 catalogue.

SPECIAL OFFERS OF JAPANESE IRIS, PAEONIES AND HARDY PERENNIAL PHLOXES are also still in force.

SPECIAL CIRCULARS offering SEASONABLE STOCKS are made throughout the season. If you are in the TRADE and do not receive copies write us and have your name on our mailing list.

For complete lines of Seasonable Florists' Stock, consult our current Wholesale List, issued September 1st.

HENRY A. DREER, Inc.
714 Chestnut St., Philadelphia, Pa.

LATE DUG FORMOSUM

Fine Large Bulbs Thoroughly Ripened

Per 100 $1.00

7-9 in. (250 bunches to case) $7.50 $65.00
9-10 in. (200 ” ” ) $11.00 $100.00

A. HENDERSON & CO.
30 E. RANDOLPH ST., CHICAGO

Headquarters for

FALL BULBS

Send for Trade List

John Lewis Childs
Flowerfield - LONG ISLAND, N.Y.

For Fall Planting

Lilium Tomentosum, Henry, Hanapsol, variety; Dendrochilum; Pelargoniums; All plants well rooted and in active growth. Orders filled immediately upon receipt.

E. S. MILLER
Wading River, N. Y.

LOLLAINE BEGONIAS

Strong 24 in. stock, ready for 34 in. Per 100, $15.00; 250 at $14.00 per 100.

THOMAS ROLAND, Nahant, Mass.

HERBERT, ATCO, N. J.

DAHLIAS Every Day in the Year

ROBERT CRAIG CO.

ROSES, PALMS,
and Novelties in Decorative Plants

MARKET and 48TH STREETS, PHILADELPHIA, PA.

SPECIAL ROOSEVELT FERNS

24 in. stock, $2.50 per dozen; $17.50 per hundred: $150.00 per thousand; car lots on orders at once or book them for future delivery. Write for our list of Boston, Whitmano, Amherstii, Superbissima, Scottii, Sprengeri, Pluvius, Maiden Hair and Small Ferns.

GEO. A. KUHL, Pekin, Ill.

ORCHIDS

Greatest quantity and variety in the country. Established and freshly imported. Also material in which to grow them. Write for special list and catalogue.

LAGER & HURRELL, N. J.

LARGEST IMPORTERS, EXPORTERS, GROWERS AND HYBRIDISTS IN THE WORLD

SANDER, St. Alban's, England and 258 Broadway, Room 721 NEW YORK CITY

LARGEST IMPORTERS OF ORCHIDS, AZALEAS, PALMS, LORRAINEs, CROTCONS

ROEHRS

RUTHERFORD, N. J.

SPHAGNUM MOSS, 8 bale dry. $2.00
ORCHID MOSS, LIVE, 30 bales $2.00
GREEN CLUMP MOSS, 30 bales $2.00
GREEN SHEET MOSS, 30 bales $2.00
ORCHID FEAT. .75
LAUREL WREATHING, per 100 yards $3.00 and 3.50
NURSERY MOSS, per large car $50.00

J. B. TOWNSEND, Berlin, N. J.
WASHINGTON NOTES.

F. C. Bauer of Govanstown, Md., was in town last week visiting his brother, Otto Bauer, of the Washington Florists' Company.

S. F. Holland has opened a new store at Eighteenth street and Columbia road, N. W. Mr. Holland was formerly located at Fourteenth street and Park road.

The death of Justice Harlan of the Supreme Court of the United States called for some very artistic floral designs and added much to the beauty of the week. Aside, however, from the commercial feature, his death was deeply regretted by many of the florists, as Justice Harlan had many friends among the trade.

The Washington Florists' Company, Eleventh and F streets, N. W., showed some very choice baskets of cut flowers last week. The baskets were filled with Killarney roses and purple asters.

Golden Gate roses and asters formed another combination. The display was commented upon in the shopping column of a local newspaper.

The trade is warned against a new counterfeit ten dollar bill which has made its appearance. The bill bears the check letter "F," and the name of Mr. W. T. Crocker as president of the bank it purports to represent. The bank in question is the United States Bank in San Francisco.

A device for the plucking of flowers is among the recent inventions. This article consists of a tube connected to a pair of shears. At one end of the tube is a forked shape part which slips beneath the flowers, holding them rigid, while a blade traveling beneath the fork cuts the stem, dropping the flower into the tube, and thence to a basket, or other receptacle, attached thereto.

Washington florists will be represented at the post-season championship baseball games being held between New York and Philadelphia by two staunch fans in the persons of Mr. Z. D. Blackstone and Mr. Milton Thomas, the latter a member of the firm of Thomas & Slye of the Center Market.

These gentlemen are visiting both cities and will incidentally take a peek at the way out of town florists are handling their trade, etc.

Harry L. Robey, with A. B. Garden, Anacostia, D. C., has joined the ranks of the beneficiaries, having taken as his bride Miss Isabella Davidson. The reception was given one, and the news of the wedding, which was performed at the Garden home, was a very great surprise to the friends of both participants. A family reception followed. Mrs. Robey is the daughter of Mr. John Davidson of Shannellord, Banffshire, Scotland, and a niece of the Gardens.

Mr. and Mrs. William F. Gude last week celebrated the fiftieth anniversary of their wedding. Cards had been sent out announcing that they would be "at home, but no mention was made as to the occasion. It leaked out, however, and Mr. and Mrs. Gude were the recipients of fifty or more very handsome presents. The florists of Washington presented them with a magnificent cut-glass punch bowl and the Board of Directors of the Lincoln National Bank marked the day with a most exquisite piece of cut glass in the shape of an "American Beauty" vase.

Upwards of five hundred people called during the day at their home at 2600 New Hampshire avenue was beautifully decorated with cut flowers.

CLARENCE L. LINZ.

PHILADELPHIA NOTES.

Some excellent Chatenay are coming in this week, John Burton, who has two houses of this rose.

The annual fall show of the Pennsylvania Horticultural Society is scheduled for Nov. 7, 8, 9 and 10. Copies of the premium list may be had from the secretary.

We welcome back home this week, those genial knights of the road, Arthur Zirkman and Robert Schoch. They both played a large part in the strenuous life pretty well.

John E. Seally of M. Rice & Co., made his maiden trip among the Philadelphia retailers last week. From all accounts the youngtimer did well as the firm asks your correspondent to return thanks for the many courtesies extended to this new field officer of theirs.

Alexander B. Scott thinks that the Killarney blood will be the basis of nearly all the good commercial cut-flower roses of the future. What Fisher did for the carnation may be paralleled by Dickson in the rose. Both struck a great strain and there is nothing telling how far-reaching the influence.

The Rice Standard Cyes seems to be taking well in all parts of the country. This is a great improvement over the ordinary painted natural form—in fact, it is absolutely natural—while the invisible process has made it fadeless. We are told that the Rice people control the entire output of this new process.

There were doings at the National Farm School on the 15th. This was the program in part:

Speakers—Dr. Harvey W. Wiley, chief chemist of the department of agriculture, Washington, D. C.; Hon. Edwin S. Stuart, former governor of the state of Pennsylvania, Hon. Harry Cutler, member of the Rhode Island Legislature of Providence, R. I.; Rev. Louis B. Michaelson, Trenton, N. J.; Rev. Dr. Joseph Krauskopf, founder and president of the school; reports by the president and directors of the school and officers elected; an exhibit of farm products.

The Henry F. Michell Co. has been so encouraged with the success of their free lectures during last winter that they are announcing a series of seven to be given during the winter of 1911-12, the first on Oct. 20th, by Maurice Fuld on "The Potting of Bulbs, as Done by the Amateurs."

The management believes that these lectures are a step in up-to-date business, and the attendance, which has always been above the average, shows they are appreciated by the public.

These lectures have been planned to cover almost the entire sphere of the business, such as gardening by amateurs, by farmers and truckers, by florists and flower growers and raisers of poultry. A special lecture, exclu

Lancaster, Pa.—Julius P. Siebold, 924 E. Orange street, writes HORTICULTURE that the two houses he is building are 20x108, abutting the old houses built five years ago. The new houses are of semi-iron construction, with concrete side walls and are about ready for glazing. He is so well pleased with the new houses that in another year or so he expects to rebuild the old houses in the same manner. A varied line of stock is grown inside and in the field, all for the wholesale trade. A quarter acre of salvia Zurich and Bonfire, made a glowing display this season.
PRUDENCE is of more frequent use than any other intellectual quality; it produces vigilance rather than elevation, rather prevents loss than procures advantages; and keeps a man on the safe side, inducing him to make a permanent investment, rather than a temporary speculation. A man need not be a miser to be prudent—a prudent man is one who is thoughtful and has the ability to foresee what is sensible, and then follow his own conclusions. Especially should a man be prudent in buying lily bulbs because it costs no more to force good bulbs than inferior ones, and since the real profit is not on the bulbs themselves, but on the prolific qualities of the bulbs; how costly inferior bulbs actually are must be manifest to all who think. The best lily bulbs you can buy are none too good, being a product of nature and subject to nature’s whims, so buy the best you can get and you will be doing all mortal man can do toward success. Write for prices.

Ralph M. Ward & Co.
12 West Broadway
NEW YORK CITY
Seed Trade

W. H. Grenell of Pierpont Manor, N. Y., and Saginaw, Mich., has, after many efforts and changes of mind, decided to sell his seed stock and quit the seed growing business for a time at least. He has sent out a circular letter offering a large proportion of his seed stocks. His aim, we are informed, is to sell enough to realize $100,000 to $125,000, and reserve just enough to grow, sufficient to get into business again two years hence, as he will accept no contracts for crop of 1912. In view of the fact that Mr. Grenell claims to have a seed stock aggregating 25,000 to 30,000 bushels of peas and beans, he should quite readily be able to realize at prevailing values $100,000 and have a very respectable nest egg left with which to develop a future seed stock. Mr. Grenell's large seed stock will indicate quite clearly the volume of business he has been doing, and the sudden elimination of 20,000 bushels from an already too small volume of seed is cause for anxiety among the large users of peas, bean canners and seedsmen.

For several years it has been increasingly apparent that the seed stocks of peas were not keeping pace with the ever growing demand, and that the result was in view of the well-known crop failures of the past three years. The villainous seasons have been particularly disastrous to peas in this country and Canada, and in fact we may not inappropriately include Europe, where nearly all seed crops have been as disappointing as peas. In this country the repeated crop failures have discouraged and disgusted the growers to such an extent that a very large percentage of them will not listen to a proposition to grow peas at any prices, while those who can be persuaded, demand what appear now like prohibitive prices, ranging from 75c. to $1.25 per bushel over last year. Owing to the increased prices which growers have had to pay the farmers, and coupled with the increased cost of doing business, they have found it necessary to advance prices to seedsmen and canners from year to year until they have protested most strenuously, and many have threatened to grow their own seed. This threat is largely empty, as it will first be necessary for them to secure seed stocks, then it would be interesting to know by what process of reasoning they figure out that they would get crops where the seed grower fails. The fact that these persons are disappointed and disgusted is not to be wondered at, but the growers could not find them no worse business fate, than the kind of luck that has fallen to them for the past four or five years.

The present outlook is the most disheartening the growers have ever faced, and it requires abounding faith to see any silver lining on this cloud. It is no wonder Mr. Grenell has decided to sell out, provided he does not repent of his decision. He will be able to see more real money than the growing of peas would bring him in many years.

Gustav Schott, Aschaffenburg, Bavaria, the large grower and exporter of natural grass seeds, is now represented by Hutchinson & Co., 17 Murray street, New York, who can furnish all information as to prices, samples, etc.

HOWARD M. EARL.

In issue of March 11 we showed a picture of Mr. Earl at the age of 16, the year in which he entered the seed store of W. Atlee Burpee & Co., with whom he has remained continuously ever since, and is now their general manager. His many friends will be charmed to see his latest picture here.

FOR COLD FRAMES

STRAW MATS
6 x 6, - $1.50; $17.00 doz.
BURLAP MATS
6½ x 6½, - $1.20; $14.00 doz.

WM. ELLIOTT & SONS,
42 Vesey St., New York

ONION SETS

HEADQUARTERS FOR THE EAST. We carry large stocks of choice quality at both our Orange, Conn., and New York City houses. Full line all varieties of Garden and Flower Seeds. Trade List on application.

S. D. WOODRUFF & SONS,
Orange, Conn. New York City.

COLDWELL LAWN MOWERS
Hand—Horse—Motor
Known All Over the World Catalogue on Request.

NEWBURGH, N. Y.
CRUSHED OYSTER SHELLS FOR POULTRY
32c. Per 100 Lbs.
This special price for a short time only. Samples sent on request.

J. BOLGIANO & SON
Wholesale Seedsmen
Baltimore, Md.

CRUSHED OYSTER SHELLS FOR POULTRY
32c. Per 100 Lbs.
This special price for a short time only. Samples sent on request.

Farquhar's Flower Seeds
for The Florist
Write for our Wholesale Catalogue
R. & J. FARQUHAR & CO.
Boston, Mass.

Thorburn's Bulbs
Wholesale Catalogue
NOW READY
Send for a Copy
J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

NEW CROP
Cyclamen Seed
Gold Medal Strain
in all the colors
100 Seeds, 1.00; 1000, 10.00

J. C. Robinson Seed Co.
Waterloo, Neb.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas,
Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.
ONION SEED
We have a choice lot of new crop Silver Skin or Portugal, also other varieties. Write for prices.

SCHILDER BROS.
CHILLICOTHE, OHIO

Burpee's Seeds
PHILADELPHIA

Sphagnum Moss
In Burlap Bales; per bale $1.00, 6 bales for $5.00, 10 bales for $8.00.
Larger Lots at Lower Prices.
The W. W. Barnard Co.
108-110 W. Kinzie St., CHICAGO

SEEDS, PLANTS, BULBS
All seasonal kinds of best quality
Special prices on large lots
JAMES VICK'S SONS,
Seedsmen
ROCHESTER, N. Y.

COMPLETE STOCK FRENCH AND DUTCH
BULBS
Price list free on request.
Joseph Breck & Sons Corp.
47-49 No. Market St., BOSTON, MASS.

CHANCE BULBS
in great variety for present planting—in-doors and out
THOMAS J. CREY CO.
32 South Market Street, Boston, Mass.

ENGLISH CYCLAMEN SEED—best strain, $6.00 per 100, Pansy Seed—home grown, $4.00 per oz. Mignonette Giant, greenhouse forcing, $5.00 per oz., ½ oz. $1.00.
S. S. SKIDELSKY & CO.
121S Betz Bldg., Philadelphia

SKIDELSKY & CO.

Established 1820

PRINTING Fruitmen, Horticulturists and Poultrymen should get their printing done by specialists. Write for prices to THE REX CO., Harrisburg, Pa.
Of Interest to Retail Florists

NEW FLOWER STORES.
Chicago, Ill.—The store of B. Zima, 3659 West 22nd street, has been purchased by J. Joblitz.

Ansonia, Conn.—The Ansonia Floral Co. has moved into the store formerly occupied by L. A. Martinez.

New York, N. Y.—Miss Barsdley is now the proprietor of the Onaway Flower Shop, Seventh avenue and 57th street.

Philadelphia, Pa.—Berger Bros., florists, 1305 Filbert street, will move about November 1st to new quarters at 140-142 North 15th street.

Swampsott, Mass.—John T. Erickson has moved his florist business to

STEAMER DEPARTURES
Allan, Parisian, Boston-Glasgow...Oct. 27
American, Philadelphia, N. Y.-London...Oct. 28
Anchor, California, N. Y.-Glasgow...Oct. 28
Atlantic Transport, Minneapolis, N. Y.-London...Oct. 28
Cunard, Campasps, N. Y.-Liverpool...Oct. 28
Pennsylvania, N. Y.-Meditterranean...Oct. 28
Ivernia, Boston-Liverpool...Oct. 31
Manchets, N. Y.-Liverpool...Nov. 1
Holland-America, Ryadam, N. Y.-Rotterdam...Oct. 24
Potsdam, N. Y.-Rotterdam...Oct. 25
Hamburg-America, Cincinnati, N. Y.-Hamburg...Oct. 25
Leyland, Devonian, Boston-Liverpool...Oct. 26
North German Lloyd, K. Wm. de G., N. Y.-Brux.-O. t. 21
K. der Grosse, N. Y.-Bremen...Oct. 26
K. Wilhelm, N. Y.-Bremen...Oct. 31
Red Star, Kronland, N. Y.-Antwerp...Oct. 28
White Star, Zeeland, Boston-Liverpool...Oct. 24
Cedie, N. Y.-Liverpool...Oct. 25
Majestic, N. Y.-Southampton...Oct. 25
Cynnie, Boston-Liverpool...Oct. 31

Mudge street, Lynn. He has moved from his Burrill street residence to 23 Thomas road.

Phoenix, Ariz.—G. Neumann has formed the Salt River Valley Floral Co., wholesale and retail florists, with office at Washington street and Caetus Way, and a branch office in the Adams Hotel. Mr. Neumann had the floral stand at Donofrio's previous to the fire there.

The store of Julius A. Zima on Park street, Boston, was broken into and cash and other valuables taken from the money drawer. The safe was not molested.

The wagon of Penn. the Florist, Boston, was in collision with an auto at the corner of Beacon and Tremont streets, last Saturday. The wagon was damaged, but neither horses nor driver were hurt.

ALEX. McCONNELL
571 FIFTH AVENUE
NEW YORK CITY
Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls, 487 and 488 Murray Hill
Cable Address, ALEXCONNELL

NEW YORK
Orders for Steamer, Theatre, Hotel, or Residence Carefully Piled.

Wm. H. LONG
412 Columbus Ave.

DAVID CLARKE'S SONS
Deliver orders from any part of the country to New York City
Or OUT-GOING STEAMERS
Write or telegraph
2139-2141 Broadway, New York
Telephone 1592-1593 Columbus
Established 1874.

DARD'S
FLORIST
N. E, Cor. 44 St. & Madison Avenue, N. Y. City
Flowers shipped on all steamers. Special Correspondents in all the large cities of Europe and the British Colonies. Telegram and Cable address, Dardapier.

YOUNG & NUGENT
42 West 28 St., NEW YORK
"FLOWERS BY TELEGRAPH"

Flower Deliveries in Brooklyn and other Long island Points, New York City, by Steamers. At Theatres, Hotels, Steamer or Residences.

WILSON
Fulton St. and Greene Ave., Brooklyn, N.Y

BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

THE ROSERY
76 MAIDEN LANE
ALBANY, N. Y.
FLOWER DELIVERIES FOR ALBANY AND VICINITY

"THE HOME OF FLOWERS"
The largest cut flower store in America. Orders for the TWY CITIES and for all Northwestern points given prompt attention.

HOLM & OLSON, Incorporated
ST. PAUL, MINN.

LOUISVILLE, KY.
JACOB SCHULZ
550 South Fourth Ave.
THE FLORISTS’ SUPPLY HOUSE OF AMERICA

Offers You Superb, Exclusive Novelties This Season in Every Line. These Have Exceptional Value and Selling Merit. Tell Us What You are Interested in and at Same Time Ask for a Copy of OUR SILENT SALESMAN

H. BAYERSDORFER & CO.

1129 Arch Street, PHILADELPHIA, PA.

CHICAGO NOTES.

Trade Notes.

Hunt Bros. of Park Ridge are already cutting Christmas Pink sweet peas of good color.

Frank Orchilin had his first pot plants of chrysanthemums ready for the wholesale trade last week.

The E. Winnhoeber Co. is having a fall opening this week. A good custom and one which stimulates trade.

A $10,000 addition to the office of the West Chicago Park Commissioners has been decided upon and plans approved.

Otto Wittholt reports light frost two nights at their nurseries at Edgewater. The busy season is on here and all hands are kept moving to fill orders.

Work is progressing finely on the new Foley houses now being erected for Wendland & Keime at Elmhurst, Ill. Everything is of the latest design.

BOSTON, MASS.

"Penn, The Telegraph Florist"
37-43 BROMFIELD STREET
NEW ENGLAND FLOWER DELIVERIES

Send flowers orders for delivery in Boston and all New England points.

THOS. F. GALVIN
124 Tremont St., Boston

TRANSFER

Your orders for flower or plant delivery in Eastern New England to

JULIUS A. ZINN
Park St., Boston

BOSTON’S BEST

In Quality and Design

Can be relied upon when you transfer your retail orders to

EDWARD MACMULLEN
194 Boylston Street, Boston

WELLESLEY COLLEGE


and the ten houses are expected to be completed before snow flies.

John Kidwell, president of the new Chicago Flower Growers’ Association, says he is well pleased with the business so far. Business is rapidly picking up now.

Peter Pearson has his second house in his range at 5724 Gunison street nearly completed. His place, which he purchased less than a year ago is nicely located and will be used for growing plants for the shipping trade. Boston ferns will be a specialty and a general line of bedding stock carried in season for the wholesale trade.

Almost every store in the downtown district is showing some attempt at fall decoration, and those who study them will gain many ideas on how to do and how not to do things. For how not to do, note the lack of variation, as in the flower to each suit in the men’s clothing stores, and the overcrowding of vines and flowers as seen in the average department store decoration.

Personal.

G. H. Pirzer remains in the same condition as during the past month. His condition is very serious.

Wm. Gray, formerly of Philadelphia, but for the past two years at Minneapolis, is now with Canger & Gormley, 187 North State street.

C. M. Dickinson, manager of the E. H. Hunt Co., is able to be back to the store after a serious attack of illness. A. F. Longane of this firm is in after a successful trip.

Visitors: C. H. Hudson, representing the Hammond Paint & Slug Shot Works, Pischill, N. Y.; Edward Tatro, Salinas, Cal.; Mr. Hempstead, Jr., Bloomington, Ill.; Mr. Pilbsure, Jr., Galesburg, Ill.; Mr. Roth, Lafayette, Ind.

NEW FLOWER STORES.

Cleveland, Ohio—F. G. Blecher, 2556 E. 55th street.

Rockland, Mass.—Arnold the Florist, Lincoln Dress.

Sommerville, Mass.—George T. Rand, Highland avenue.

Columbus, Ohio—Fulton Flower Shop, Fulton Market.

Detroit, Mich.—“Rackham the Florist,” 322 Woodward avenue.

The carnation stamples which are the specialty of L. L. Pillsbury, Galesburg, Ill., are getting a well-deserved popularity for their simplicity and usefulness in making defective flowers look presentable. They are money-savers for those who use them.

ST. LOUIS NOTES.

The Ladies’ Home Circle gave a social meeting in which their husbands were permitted to take part on Tuesday evening, Oct. 17.

Miss Anna Bova of the Red Bud Floral Co., was married on Sunday, October 14th, to D. Manta. A large number in the trade received invitations.

W. C. Smith and J. J. Beneke called on some of the growers in the county last week. They found Alexander Ficke’s company’s place and Werner Bros. plant in fine shape. At the latter roses were specially good and a large cut of roses and carnations is in prospect.

The Retail Florists’ Association held an interesting meeting on Monday night, Oct. 3. A committee was appointed to arrange for a booth at the coming fall flower show. The committee consists of Messrs. Schoenle, Windler and Hergestermann. The show will be held at the Coliseum this year.


"FLOWERS BY TELEGRAPH."

Leading Retail Florists Listed by Towns for Ready Reference.

Albany, N. Y.—H. C. Fyres, 11 Y. Pearl St., Albany, N. Y.—The Rosery, 75 Maiden Lane.

Boston—Thos. F. Galvin, 124 Tremont St., Boston—Edw. MacMullen, 194 Boylston St., Boston—Penn, the Florist, 37-43 Bromfield St.

Buffalo, N. Y.—Julius A. Zinn, 1 Park St., Brooklyn, N. Y.—Robert G. Wilson, Fulton St. and Greene Ave.

Burlington, Vt.—Palmer’s 304 Main St.

Buffalo, N. Y.—E. A. Anderson, 440 Main St., Chicago—Williams J. Smyth, Michigan Ave. and 30th St.

Boulder, Colo.—Park Floral Co., 1643 E’way.

Detroit, Mich.—J. Bredmeyer’s Sons, Middletown and Gratiot Aves.

Kensall City, Mo.—Samuel Murray, 912 Grand Ave.

Kansas City, Mo.—Wm. L. Rock Flower Co., 1118 Walnut St., Louisville, Ky.—Jacob Schulz, 550 South Fow Ave.

New York—David Clarke’s Sons, 2130-2131 Broadway.


New York—Young & Nugent, 12 W. 28th St., New York—Davis, N. E. or 44th St. and Madison Ave.

San Francisco—Hollis & Olson, 2010 Grant Ave., San Francisco—Edward D. Dunlop, 50 Yerba Buena St., Washington, D. C.—Fred Bros., 1211 F St.

Wellesley, Mass.—Tailby.
BEAUTIES
$1.00 to $3.00 per dozen

The top grades are more plentiful than the short and medium—quality never better. If you buy our Beauties, you get a quality such as you will say yourself you never got anywhere no matter how high the price.

Business Hours, 7 A.M. to 8 P.M.
The Leo Niessen Co.
WHOLESALE FLORISTS
N. W. Corner
12th and Race Sts., PHILADELPHIA

THE BEST LETTERS
FOR R THOSE
Florist's MADE
BY USE

Boston Florist Letter Co
66 PEARL ST., BOSTON
N. F. McCarthy, Mgr.
Order direct or buy from your local supply dealer. Insist on having the BOSTON
Inscriptions, Emblems, etc.Always in Stock.

Cut Flower Boxes
EDWARDS FOLDING BOX CO
Manufacturers
PHILADELPHIA, PA.

Peter Reinberg
WHOLESALE
CUT FLOWERS
37 Randolph St, Chicago, Ill.
Poehlmann Bros. Co.
33-35-37 Randolph St., CHICAGO
Cut Flowers
Greenhouses, Morton Grove, III.
George B. Hart
WHOLESALE
FLORIST
24 Stone St., Rochester, N.Y.
The J. M. McCullough’s Sons Co.
WHOLESALE COMMISSION FLORISTS
Consignments Solicited

To Cut Flower Growers and Retail Florists

If you want to find a market for your product
want a regular or special supply of the product of the best growers

Consult the Advertisements on these Wholesale Flower Pages
The Advertisers Represented Here Are the Leading Concerns in the Wholesale Flower Trade

WELCH BROS.
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR
ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED
226 Downeshire Street, Boston, Mass.

WHOLESALE FLOWER MARKETS—TRADE PRICES Per 100
TO DEALERS ONLY

ROSES

<table>
<thead>
<tr>
<th></th>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHILA.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OCT. 20</td>
<td>DEC. 17</td>
<td>OCT. 20</td>
<td>DEC. 17</td>
</tr>
<tr>
<td>Am. Beauty, Fancy and Special...</td>
<td>20.00</td>
<td>25.00</td>
<td>20.00</td>
<td>25.00</td>
</tr>
<tr>
<td>Extra...</td>
<td>10.00</td>
<td>15.00</td>
<td>10.00</td>
<td>15.00</td>
</tr>
<tr>
<td>No....</td>
<td>8.00</td>
<td>10.00</td>
<td>8.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Lower grades...</td>
<td>6.00</td>
<td>7.00</td>
<td>6.00</td>
<td>7.00</td>
</tr>
<tr>
<td>Richmond, Chatsworth, Fancy &amp; Spl...</td>
<td>3.00</td>
<td>4.00</td>
<td>3.00</td>
<td>4.00</td>
</tr>
<tr>
<td>&quot; Lower grades...</td>
<td>3.00</td>
<td>4.00</td>
<td>3.00</td>
<td>4.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fancy &amp; Spl...</td>
<td>6.00</td>
<td>8.00</td>
<td>6.00</td>
<td>8.00</td>
</tr>
<tr>
<td>&quot; Low grades...</td>
<td>6.00</td>
<td>8.00</td>
<td>6.00</td>
<td>8.00</td>
</tr>
<tr>
<td>Red, 'Maid',...</td>
<td>7.00</td>
<td>9.00</td>
<td>7.00</td>
<td>9.00</td>
</tr>
<tr>
<td>&quot; &quot;...</td>
<td>7.00</td>
<td>9.00</td>
<td>7.00</td>
<td>9.00</td>
</tr>
<tr>
<td>OWENSONS, Wholesale...</td>
<td>1.00</td>
<td>1.50</td>
<td>1.00</td>
<td>1.50</td>
</tr>
</tbody>
</table>

MISCELLANEOUS

| Cattleyas... | 40.00 | 50.00 | 40.00 | 50.00 |
| Lilacs, Longiflorum... | 4.00 | 5.00 | 4.00 | 5.00 |
| Lily of the Valley... | 2.00 | 3.00 | 2.00 | 3.00 |
| Chrysanthemums... | 2.00 | 3.00 | 2.00 | 3.00 |
| Gladioli... | 6.00 | 7.00 | 6.00 | 7.00 |
| Azaleas... | 6.00 | 8.00 | 6.00 | 8.00 |
| Volbert... | 6.00 | 7.00 | 6.00 | 7.00 |
| " "... | 6.00 | 7.00 | 6.00 | 7.00 |
| " "... | 6.00 | 7.00 | 6.00 | 7.00 |
| Gardenias... | 10.00 | 12.00 | 10.00 | 12.00 |
| " "... | 15.00 | 18.00 | 15.00 | 18.00 |
| " "... | 15.00 | 18.00 | 15.00 | 18.00 |
| " "... | 20.00 | 25.00 | 20.00 | 25.00 |
| " "... | 25.00 | 30.00 | 25.00 | 30.00 |
| " "... | 30.00 | 35.00 | 30.00 | 35.00 |

J.A. Budi Long
82-84-86 E. Randolph St., Chicago
OUR STOCK IS A-I AND IT IS QUALITY NOT PRICES THAT TALKS

Chicago Flower Growers' Association
Wholesale Growers of Cut Flowers and Plants

176 N. MICHIGAN AVE., BETWEEN RANDOLPH AND LAKE STREETS, CHICAGO

Henry M. Robinson & Co.
15 Province St., 9 Chapman Pl., BOSTON, MASS.
Everything in Flowers
Complete Stock of Florists' Greens,
Three Floors of Florists' Supplies.

Try My Prices.
J. Jansky, Tel. Main 3832-B.
19 Province St., Boston, Mass.
Manufacturer of Florist Wire Designs.
All kinds of Florist Supplies.
New Crop Dugger and Fancy Ferns, $1.75 per 1000.
Green and Bronze Galax, 90c. per 1000.
by the case, $7.50,
Boxwood, 50-lb. case, $7.50,
by the lb., 25c.
Laurel Wreaths,
19-inch, $1.75 per dozen, 15-inch, $1.55 per
24-inch, $2.00 per dozen, 18-inch, $1.40
20-inch, $2.50 per dozen, 14-inch, $1.40
36-inch, $5.00 per dozen, 10-inch, $1.50.

Chicago Florist's Guide
Flower Market Reports

BOSTON. Ciddely downward trend, due very largely to the influx of chrysanthemums, which in the past few days have been accumulating and now show every indication of an imminent glut. Quality is good and variety is widening. Carnations, unfortunately, are moving along towards a full crop and the combination is more than the market is able to bear without weakening. Roses and an abundant supply also. Prices have dropped but even at the lower figures they are not moving very readily. Lilies are rather on the short side. Violets fairly abundant but rather poor so far this year. Altogether the market seems lacking in ambition.

The Chicago market is in very good condition. There is plenty of stock without being an oversupply in any line except for a day or two. Chrysanthemums of the medium grade are a possible exception to this, and coming up to the standard in quality. Those who have a large shipping trade find it difficult to dispose of them and in some places an accumulation is seen. One of the largest growers says the sales of large quantities of first-class chrysanthemums is not up to the average due to the curtailment of the door flowers, which are still in excellent condition. Salvia is exceptionally good and affords material for house decorations. Cosmos and dahlias, the latter coming in quantities from Michigan, and gladioli are all playing their part in the total sales. Violets, both doubles and singles, are more in evidence than desirable. The best ones sell, but prices are weak. Sweet peas are also here and like violets appear to have arrived too early for best results. Carnations are of excellent quality and inclined to be scarce so that price went up to three and four dollars on Saturday and Sunday, but dropped again on Monday as supply came in more plentifully. First-class green of all kinds is in. Some very fine asparagus sprays are now coming from the south.

The demand is holding up steadily and growing day by day. The supply of some lines is scarcely able to meet this demand while others, such as fall flowers are more than sufficient. Cosmos and dahlias are offered in very large quantities and the quality is so good that one call for them is better than at any other time in past years. They also tend to keep down the price of the smaller chrysanthemums. Roses are all of most excellent quality and clean up quietly every day. The supply of pink is somewhat shorter than that of white. In carnations the amount offered and the call for the same is about the same as "horse." The white and Enchantment predominate in numbers. On Monday of this week a large shipment of gladioli from the market, which were taken up at once. The lily market is tight. Chrysanthemum offerings include white, yellow and pink of all sizes and all have been finding a tolerably good market. The call for lily of the valley and cattleyas is good. The green goods line is well supplied and enjoying a steady call. Shipping business is good.

DETROIT brisk demand have created good feeling among both the wholesalers and retail dealers. Chrysanthemums are coming in more freely and while the weather is not cold enough to make quick sales in them they clean up well at good prices. Notwithstanding several department stores sales of ferns offering Ameroplant plants at 10 cents each, florists are experiencing much demand for Boston fern and its varieties at prices which have prevailed for years past.

(Continued on page 75.)
H. E. FROMENT
Wholesale Commission Florist, Choice Cut Flowers,
57 West 28th St. :: NEW YORK
Telephones: 2200, 2201, Madison Square.

Edward C. Horan
Wholesale Florist
55 WEST 28th ST.

Headquarters for Novelties
Orchids A Specialty
The Highest Grade of Valley Always on Hand
Gardenias, Daisies, Roses and Carnations
JAMES McMANUS, Tel. 759 Madison Square, 55 W. 28th St., New York

New York Quotations Per 100. To Dealers Only

ROSES AND CARNATIONS

American Beauty, Fancy and Special.......
Extra.............................
No. 1.............................
Lower Grades: No. 2
Ridgway, Chatenay, Extra and Special
Lower Grades: No. 2
Killarney, My Maryland, Extra and Special
Lower Grades: No. 2
Stribe, 'Tall
Kaiserin, Carnot, Tall
Ceilings, First Quality
Ordinary

Last Half of Week ending Oct. 14, 1911
15.00 to 20.00
15.00 to 20.00
12.00 to 15.00
6.00 to 12.00
1.00 to 1.50
1.00 to 1.50
3.00 to 6.00
1.50 to 3.00
1.00 to 1.50

First Half of Week beginning Oct. 16, 1911
15.00 to 20.00
12.00 to 15.00
6.00 to 12.00
3.00 to 6.00
1.50 to 3.00
1.00 to 1.50

BADGLEY, RIEDEL & MEYER, Inc.
Wholesale Florists
34 West 28th Street, New York

Siebrecht & Siebrecht
Wholesale Florists
136 W. 28th St., New York City

A.L. Young & Co.
Wholesale Florists
Choice Cut Flowers
45 West 28th St., New York

Frank Millang
Wholesale Florist
55-57 West 26th St., New York
Shipments, any quantity, Wholesale Market Rates.

Robert J. Dysart
Public Accountant and Auditor
Books Balanced and Adjusted
28 State St., Boston, Mass.

Flower Market Reports.

NEW YORK

The cut flower supply is rather touchy this week and stocks are moving reluctantly. Chrysanthemums are rapidly taking the place soon to be vacated by the dahlias as monopolizers of the counter space in the wholesale markets and as has been the case every year are carrying everything else down to a lower level of value than reported last week. Roses are abundant in all varieties and also in all grades, particularly the inferior grades, and for the latter there is not much encouragement in the immediate outlook. Carnations, which are beginning to assert themselves and are really good in quality are naturally mixed up in the general slump which seems unavoidable. The buyer makes the price just now.

PROVIDENCE has marked the local market conditions during the past week and the increase in the supply of stock has been encouraging. With the increase in the supply a corresponding improvement has been noted in the quality and the demand has strengthened considerably. Chrysanthemums of a very good quality were shown this week and the choice flowers brought from $10 to $11 per 100. Carnations have improved both in quality and price. Since the last week the best grades bringing from $2 to $3 per 100. Roses remain in large quantities. There have been many richmonds on the market this week selling from $8 to $10. Violets are very plentiful at 50 cents per 100. Lily of the valley and orchids are very scarce, with little demand because of the lousy prices. The market is in a somewhat better condition, fall weddings and various society events calling for a goodly supply of choice material, although everyone is hoping for the speedy death of all out-door stock. The market is flooded with dahlias in all varieties as goods of cesmeas. For these there is a much smaller demand than output. Violets are coming in better. Rhinecheeks and those grown locally are meeting with ready sale. Lily of the valley and yellow chrysanthemums are moving very well as is also Adiantum hybridum, but smilax is in little demand. Roses move along as well as they have been doing and are quite plentiful. Cattleyas are in better demand and there are enough gardenias grown locally to accommodate all calls. American beauty roses, grown within the District of Columbia, are in exceptionally fine form. Richmonds are better and meeting with a ready demand. Carnations are much better than they have been although, of course, there is considerable room for their improvement. The condition of the weather has been so unsettled that the sale of flowers for personal adornment does not quite come up to expectations; in fact, the season may be considered quite backward.

ST. LOUIS have had plenty of everything in season and prices away down from those usual at this season, prevail. Western men have seen a very busy and when trade is dull do not lay in quite so large a stock only when they can buy it cheap. Chrysanthemums are increasing in number.

PROVIDENCE NOTES. The Providence Wholesale Flower Market made a successful opening in its new home on Washington street, Oct. 30, and the trade for the first day was considered very fair. John S. Kelly, formerly with John F. Wood of this city, has been appointed manager. As heretofore the retailers have had their supply brought to their door it will take some time to educate them to visit the wholesale market. Much encouragement has been given the promoters, for on each succeeding day the volume of trade has increased, and during the past month the retailers from places as far as Fall River and Woosocket have visited the market and placed good orders.

N. D. Pierce of Norwood, R. I., manager of the Norwood Floral Company, suffered a painful injury last week while directing work in the nursery, when a heavy board fell on his foot inflicting bad bruises.

S. A. G.

NEWS NOTES.

Marseilles, Ill.—The Marseilles Cemetary Association has been dissolved.

Springfield, Ohio—The Springfield Cut Flower Co. will occupy the store recently vacated by H. N. Siegenthaler.

Providence, R. I.—Frederick B. Luther has closed his greenhouses on Atlantic avenue and contemplates building a range at Norton, Mass.

Welch Bros., wholesale florists, Boston, state that they have reason to believe that a portion of their mail which should have been delivered to them on Tuesday, Oct. 17, was either diverted or destroyed and they ask that any parties having mailed communications or remittances addressed to them at that time, to which no reply has been received, should write to them at once with full particulars.

HARDY SUPPLIES

Dagger and Fancy Ferns, Moss, Galax, Laurel Roping, Southern Smilax, Boxwood, Etc.

Hartford & McDonough

70 PEMBERTON SQ., BOSTON

IN THE SWIM

I must be in the swim,
You must forget my name,
And say that I am home.
If you do not get the best.

Christmas Trees, Spruce or Balsam, from one foot to thirty, in any quantity; Balsam, Seeded, Hemlock, Blue Atlas, and Evergreen Festooning and Wreaths, Spruce Moss, Hardy Cut Candy and Daguerre Photos, Yearly Contracts Made. Send for Price List and order your Christmas Trees now. GET THE BEST.

ACCOUNTANT
R. J. Dyar, 28 State St., Boston.
For page see List of Advertisers.

ACHYRANTHES
Achyranthes, rooted cuttings: Metallica, 'Lдов, 3 per 1000; F. de Bailey, $10.00 per 1000.
The GEO. WITTBOULD Co., Chicago, Ill.

AGERATUM
Ageratum, Stella Gurney, 2 in., Princess Pauline, 2 in., $2.00 per 100.
The GEO. WITTBOULD CO., Chicago, Ill.

ALTERNANTHERAS
Chrysanthemums, H. Totty, Madison, N. J.
For page see List of Advertisers.

ALYSSUM
Allysum, double giant. Large 3/4-inch plants, $2.00 per 100. Jos. Traut, Conn.
and Noah, N. Y.

AMELOPSIS
Amelopsis Volckeli, 1 yr. plants, $3.00 per 100, $7.50 per 1000. Wm. Eschrich Co., North Milwaukee, Wis.

ARACARIAS
For page see List of Advertisers.

ASPARAGUS
Asparagus Pinnatus, $7.00 per 100, $27.00 per 500, $59.00 per 1000.
For page see List of Advertisers.

ASPARAGUS PLUMOSUS
Asparagus plumosus seedlings, clumps, sprays and roots, see price list. Peter Mark, Orlando, Florida.

BULBS AND TUBERS
Joseph Breek & Sons, 47-54 N. Market St., Newark, N. J.
see page 329.

BROAD-LEAVED EVERGREENS
Eastern Nurseries, Jamaica Plain, Mass.

BOILERS
Kroeschen Bros. Co., 466 Erie St., Chicago.
For page see List of Advertisers.

BOULDERINES

BOXWOOD TREES
For page see List of Advertisers.

BOBBLEHORN
Bobbie Nelson, N. J.
For page see List of Advertisers.

BULBS—ROOTED
For page see List of Advertisers.

BULBS—TUBERIZED
Julius Reehrs Co., Rutherford, N. J.
Box Trees all sizes. Ask for special list.

BOXES—CUT FLOWER—FOLDING
Edwards Folding Box Co., Philadelphia.
For page see List of Advertisers.

BRANDY BAY
For page see List of Advertisers.

CHRYSANTHEMUMS
Siner D. Smith, Adrian, Mich.
For page see List of Advertisers.

CITRUS FRUIT
For page see List of Advertisers.

COCONUT FIBRE SOIL
For page see List of Advertisers.

COTTON
Cotton, 25 lb. bale, $1.00 per dozen, 25 lb. bale, $1.50 per dozen, 40 lb. bale, $4.50 per dozen; 7 lb. in a 40 lb. bale, $5.00 per 100, $1.00 each.
The GEO. WITTBOULD CO., Chicago, Ill.

CROTONS
Crotons, 25 in., $1.00 per dozen, 3 in., $2.00 per dozen; 4 in., $2.50 per dozen; 5 in., $3.00 per dozen, 7 in., 4 in a pot. 75c, and $1.00 each.
The GEO. WITTBOULD CO., Chicago, Ill.
**FLORISTS' ENCyclopedia FREE**

*For page see List of Advertisers.*

**FLORISTS' LETTERS**

Boston Florist Letter Co., 66 Pearl St., Boston, Mass.  
*For page see List of Advertisers.*

**FLORETS**

Chicago, Ill.  
*For page see List of Advertisers.*

**FORGET-ME-NOTS**

Forget-me-nots, winter flowering, clump plants, each 500 per 100. Plants from seed bed, $2.50 per 1000. Cash, 25c; at lowest price.  
*For page see List of Advertisers.*

**FRUIT TREES**

Dwarf Fruit Trees, by F. A. Waugh, mailed to your address for 55 cents by Horticulture Publishing Co., 11 Hamilton Place, Boston.

**GALAX**

Michigan Cut Flower Co., 33 and 40 Broadway, Detroit, Mich.  
*For page see List of Advertisers.*

**GERANIUMS**

R. Vincent, Jr. & Sons Co., White Marsh, Md., M. & H.  
*For page see List of Advertisers.*

**GLASS**

Boston Plate & Window Glass Co., Boston.  
*For page see List of Advertisers.*

**GREENHOUSE GLASS, LOWEST PRICES**

Johnston Glass Co., Hartford City, Ind.

---

In writing to Advertisers kindly mention Horticulture.
GLAZING POINTS
For page see List of Advertisers.

GOLD FISH

GPHALIUMS
Grafianum Lasotan cuttings, $1.00 per doz.
THE GEO. WITTBDOL CO., Eedgebrook, Chicago, Ill.

GREENHOUSE BUILDING MATERIAL
For page see List of Advertisers.

King Construction Co., N. Tonawanda, N. Y.
For page see List of Advertisers.

J. C. Moninger Co., 117 East Blackburn St., Chicago, Ill.
For page see List of Advertisers.

For page see List of Advertisers.

For page see List of Advertisers.

S. Jacobs & Sons, 158-83 Madison Ave., Brooklyn, N. Y.

GREENHOUSE CONSTRUCTION
For page see List of Advertisers.

King Construction Co., N. Tonawanda, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

For page see List of Advertisers.

Hitchings & Co., 1170 Broadway, N. Y.
Pierson U-Bar Co., Madison Ave., New York
Designer and Builder.

GUTTERS
King Construction Co., N. Tonawanda, N. Y.
King Channel Gutters.
For page see List of Advertisers.

HAIL INSURANCE
Florida Hall Assn. of Amerion.
J. G. Epler, Saddle River, N. J.
For page see List of Advertisers.

HARDY FENKS AND SUPPLIES
Michigan Cut Flower Exchange.
26 and 40 Broadway, Detroit, Mich.
For page see List of Advertisers.

The Kernan Co., New York.
For page see List of Advertisers.

Hatfield & Hough, Boston, Mass.
For page see List of Advertisers.

J. Jauky, Boston, Mass.
For page see List of Advertisers.

H. E. Smith, Hudson, N. Y.
For page see List of Advertisers.

HEATING APPARATUS
Kroeschell Bros. Co., 486 Erie St., Chicago.
For page see List of Advertisers.

For page see List of Advertisers.

HELIOPORE
Heliotrope, 2 in., 25¢ per 100.
THE GEO. WITTBDOL CO., Eedgebrook, Chicago, Ill.

HERBACEOUS PLANTS
P. Owerkerk & Co., Jersey City, N. J.
For page see List of Advertisers.

For page see List of Advertisers.

Bobbink & Atkins, Rutherford, N. J.
For page see List of Advertisers.

HUMEROCALLIS LILY
Fair & Clarkly, 59, Harrison's Select Nursery Co., York, Neb.

HOLLYHOCKS
Hollyhocks, choice plants, stout double, separate colors, white, yellow, pink, red, 25¢ per doz., 75¢ the hundred. Oriental hardy perennial plants, many flowers, 50¢ per dozen.
Whigert & Urey, Springfield, Ohio.

HORN

HOT-BOXES
For page see List of Advertisers.

For page see List of Advertisers.

Parasol Bros., Brooklyn, N. Y.
For page see List of Advertisers.

Lord & Burnham Co., 1133 Broadway, N. Y.
For page see List of Advertisers.

HYDRANGEAS
F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.
For page see List of Advertisers.

INSECTICIDES
Eastern Chemical Co., Boston, Mass.
For page see List of Advertisers.

Neocide kills all greenhouse pests. F. R. Pietschke Co., Owatonna, Minn.
For page see List of Advertisers.

For page see List of Advertisers.

Aphide Manufacturing Co., Madison, N. J.
For page see List of Advertisers.

E. H. Hunt, Chicago, III.
For page see List of Advertisers.

JAPANESE LILIES
Loechner & Co., New York, N. Y.

JERUSALEM CHERRIES
Jerusalem Cherries, pot grown, strong and well rooted, 50 per doz. postpaid. J. P. Beimer, 9 Washington Ave, St. Louis, Mo.

KENTIANS
Bobbink & Atkins, Rutherford, N. J.
For page see List of Advertisers.

For page see List of Advertisers.

LANDSCAPE GARDENING COURSE
Home Correspondence School, Springfield, Mass., Dept. 8.
For page see List of Advertisers.

LANTANAS
Lantana Deliciatissima, rooted cuttings, $1.00 per doz.
THE GEO. WITTBDOL CO., Eedgebrook, Chicago, Ill.

LAVENDERS
Lavendar wreaths, 1 to 3 feet, 15 in bundles, $1.00 per doz.
THE GEO. WITTBDOL CO., Eedgebrook, Chicago, Ill.

LILACS
Rosen, 3 to 4 feet, six to fifteen branches, an ideal hedge or specimen. "THE GEO. WITTBDOL CO., Eedgebrook, Chicago, Ill.

LILIAM HARRISH
For page see List of Advertisers.

LILUM MULTIFLORUM AND GIGANTICUS
Horse Shoe Brand.
For page see List of Advertisers.

MARGARITES
Margarettes, white and yellow, $6.00 per 1000.
THE GEO. WITTBDOL CO., Eedgebrook, Chicago, Ill.

MARTISCA
F. O. Pierce Co., New York, N. Y.
For page see List of Advertisers.

MATS FOR COLD FRAMES
Wm. Elliott & Sons, Chicago, Ill.
For page see List of Advertisers.

NICKERSON APHIS FUNK
Aphicide Mfg. Co., St. Louis, Mo.
For page see List of Advertisers.

NURSERY STOCK
P. Querkerk, Peokaukenen Heights, N. J.
For page see List of Advertisers.

For page see List of Advertisers.

W. & T. Smith Co., Genera, N. Y.
For page see List of Advertisers.

J. W. & H. Cross,asar, N. Y.
For page see List of Advertisers.

Conrad & Jones Co., Brooklyn.
For page see List of Advertisers.

Bay State Nurseries, North Abington, Mass.
Hardy, Northern Growed Stock.
For page see List of Advertisers.

McIntosh & Company, New York, N. Y.
Direct Importations.
For page see List of Advertisers.

E. F. Conine Nursery Co., Stratton, Conn.
Large Evergreens, Deodar Trees, Large Ferns.
For page see List of Advertisers.

TREES, SHRUBS, ROSES, EVER-GREENS, PEONIES, HARDY PLANTS
Elwanger & Barry, Rochester, N. Y.

ONION SEED
S. D. Woodrow & Sons, New York, N. Y.
For page see List of Advertisers.


ORCHID FLOWERS
Jas. McKersie, Chicago, Ill.
For page see List of Advertisers.

ORCHID PLANTS
Lager & Hurrell, Summit, N. J.
Fresh Imported and Established Plants.
For page see List of Advertisers.

Orndorff Bros., Madison, N. Y., Box 108.
For page see List of Advertisers.

Staudt, St. Albans, England.
Importer, Exporter, Growers, Hybridists.
For page see List of Advertisers.

Orchids—largest stock in the country. Store plants and Crotons, finest collection. Train RHS Co., Rutherford, N. J.

Orchid Growers' Manual. By B. S. Williams, 500 Illustrations, 500 pages; descriptions of upwards of 2500 species and varieties of orchideous plants, etc. The most complete work on orchid culture ever published. Price $10.00. Orders filled by HORTICULTURE, 11 Hamilton Place, Boston.


PALMS, ETC.
For page see List of Advertisers.

For page see List of Advertisers.

John Scott, Brooklyn, N. Y.
For page see List of Advertisers.

For List of Advertisers See Page 581
HORTICULTURE

October 21, 1911

PALMS, ETC.—Continued
Julius Roehrs, 836 Westford, N. J.
For page see List of Advertisers.

Joseph Heacock, Wyncote, Pa.
For page see List of Advertisers.

Loechner & Co., New York, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

FOTOGRAPH

I make a specialty of photographing flowers, plants, etc., for reproduction. Let me submit samples and prices on material for new covers. Send for Circular. Special work to order at reasonable prices. Nathan R. Greene, 414 Hayward Blvd., Rochester, N. Y.

PLANT STAKES

Seelig’s Topless Plant Stakes and Trellises.
H. D. Treel, 40 Erie, Richland, Ind.
For page see List of Advertisers.

PLANT TUBS

"Riverton Special.
"For page see List of Advertisers.

PIPE AND FITTINGS

For page see List of Advertisers.

Pot Hangers

Pot hangers, Kramer’s 24 doz. by exp. $1.25 by mail, J. N. Kramer & Sons, Cedar Rapids, Iowa.

POULTRY AND FARM REVIEW

For page see List of Advertisers.

SEED GRROWERS

Braslan Seed Growers Co., Sun Jose, Cal.
For page see List of Advertisers.

S. M. Moore & Co., Baltimore, Md.
For page see List of Advertisers.

Contract Seed Growers.
For page see List of Advertisers.

SEEDS

T. J. Grey Co., 32 S. Market St., Boston
For page see List of Advertisers.

Joseph Breck & Sons, 31 and 32 N. Market St., Muncie, Bost.
For page see List of Advertisers.

P. S. Richards Bros., 37 E. 19th St., New York
For page see List of Advertisers.

For page see List of Advertisers.

For page see List of Advertisers.

Arthur T. Boddington, New York
For page see List of Advertisers.

Flower Seeds for the Florist.
For page see List of Advertisers.

J. M. Thorburn & Co., 33 Barclay St., N. Y.
For page see List of Advertisers.

Fletcher, Fawson, Co., Chicago, Ill.
For page see List of Advertisers.

Leonard Seed Co., Chicago, Ill.
For page see List of Advertisers.

James Vick’s Sons, Rochester, N. Y.
All Leading Varieties of Seeds.
For page see List of Advertisers.

Giant English Cylcamen and Mignonette.
For page see List of Advertisers.

The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

For page see List of Advertisers.

SHEET MOSS

The very best quality obtainable. For early forcing, fittings, forcing, etc. See Robert Craig, The Holly Wreath Man, Milford, Delaware.

SOLANUM

Solanum Aequorum, 6 in., strong plants, 50c. each $0.50 doz. Capeletum (Jerusalem Cherry), 5 in., $2.00 doz. $13.00 per 100. 6 in., $2.50 doz.

THE GEO. WITTBOCO CO., Edgebark, Chicago, Ill.

SPHAGNUM MOSS

For page see List of Advertisers.

TH. W. Barnard Co., New York, N. Y.
For page see List of Advertisers.

Joseph B. Townsend, Berlin, N. J.
For page see List of Advertisers.

H. H. Smith, Hinsdale, Mass.
For page see List of Advertisers.

Live Sphagnum moss, orchid peel and orchid baskets always on hand. Luger & Hurrell, Sunnys, N. J.

Ten bales sphagnum moss, $7.00. Z. K. Tewell Co., Sparta, Wis.

SPRAYS

For page see List of Advertisers.

TRADESCANTIA

Tradescantia virginiana (Wandering Jew), 2 in., 25c. each $5.00 doz. $25.00 per 100.

THE GEO. WITTBOCO CO., Edgebark, Chicago, Ill.

In writing to Advertisers kindly mention Horticulture
FOR "POT LUCK" TRY US... 
HEWS STANDARD POTS
POT MAKERS FOR 140 YEARS
WORLDS LARGEST MANUFACTURERS

WRITE FOR CATALOGUE AND DISCOUNTS
A. H. HEWS & CO., Inc.
Main Office and Factories
CAMBRIDGE, MASS.

DREER’S “Riverton Special” Plant Tub

No. Diam. Each Doz. 100
10 21 in. 8.75 10.00
20 18 in. 1.50 14.00
30 15 in. 2.00 22.00
40 14 in. 2.50 20.00
50 12 in. 3.25 18.00
60 10 in. 4.00 16.00
70 8 in. 5.00 14.00

Manufactured for us exclusively. The best tub ever introduced. The nearest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handles.


1000 READY PACKED CRATES
STANDARD FLOWER POTS AND BULB PANS
can be shipped at an hour’s notice. Price
standard: $1.00, $2.00 per 1000

Syracuse Red Pots

“a little pot is soon hot”, likewise a thin pot. This will save you fuel. Our pots are the thinnest and toughest owing to the superior quality of the clay.

Syracuse Pottery Co., N. Y.

STANDARD FLOWER POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.

W. H. ERNEST
28th & M Sts., Washington, D. C.

ALL THE CLAY
Florist' Red Pots

is prepared by passing through a screen 1000 meshes to the square inch. It is a heavy pot, order from us.

THE PEIER & RED POT CO.
Zanesville, Ohio

Spray Your Trees and Do Your Whitewashing

With Deming Spray Pump. You can have a good coat of pine, elms, cherry, apples, etc., if you keep your trees in good condition. See your dealer.

DEMING SPRAYERS
Life conservative and suitable for fences, corn, tobacco, strawberries, etc. For less information see your dealer.

In ordering please add "I saw it in HORTICULTURE."
THE NEW MINERAL FERTILIZER

Will produce MORE and LARGER FLOWERS and of better color than any plant food ever put on the market.

Contains all of the original elements of virgin soil.

The above cut shows hollyhocks, nine feet six inches high, with more blossoms and of better color than ever produced by any other fertilizer.

Write for catalogue and testimonials.

THE NEW MINERAL FERTILIZER CO. 

19 EXCHANGE PLACE, BOSTON, MASS.

Furnishes the Most Nicotine for the Money

NIKOTEEN

The most effective and economical material for spraying plants and blooms, skillfully extracted from leaves of tobacco, and carefully refined. It is clean and easy to apply.

NIKOTEXEEN

Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphids so cheaply.

Price $0.50 per case of 12 paraphrafed boxes. All Seedmen.

TO-BAK-INE PRODUCTS KILL BUGS

You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder. Use any form you choose but buy it of

E. H. HUNT, 131 N. Wabash Avenue, Chicago

The Best Bug Killer and Bloom Saver

For PROOF

Write to P. R. Palethorpe Co., OWENSBORO, KY.

Imp Soap Spray

Clean and odorless. Forms invisible films. Non-explosive. Usual effective strength, one to thirty-two.

Single gallons, $1.50

In barrels, $1.00

Eastern Chemical Company

Pittsburg Street

BOSTON

COCOA PLANT FERTILIZER

150 Nassau Street, NEW YORK CITY

Horticultural Supplies

Cocoa Nut Fiber Soil

is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

20th CENTURY PLANT FOOD CO., 27 Ocean St., Beverly, Mass.
STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN *GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St.,
BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.
CHICAGO, ILL.

ATTENTION!
If a man should offer you a silver dollar for fifty cents you would jump at the chance, wouldn't you? Why are doing practically the same thing. We are giving you double value on all material you purchase from us.

Write for Illustrated Catalog
ADVANCE CO., Richmond, Ind.

 PATENTS Trademarks and Copyrights
Send your business direct to Wash ington.
Saves time and insures better service.
Personal attention guaranteed.
Twenty years' active service.
SPECIALTY: "Working on the Failures of Others."
BIGGERS & BIGGERS
PATENT LAWYERS
Box 9, National Union Building
Washington, D. C.

Rubber Stamps, Stencils
Seals, Steel Stamps, Hotel Baggage and Key Checks, Badges, Burning Brands, Pew Numbers, Numbering Machines, Check Protectors, Stencil Constructions, Steel Alphabets and Figures, Indelible Inks, Stencil Colors and Brushes, Door Plates, Rubber Type. Illustrated Catalogue of nearly 100 pages sent with first order or upon receipt of 5 cent stamps. Agents wanted.

THE REX COMPANY, Harrisburg, Pa.

GLASS
Cheap as Dirt
Have you had any prices on greenhouse glass lately? Write us at once for our quotations. We'll surprise you. Take advantage of the drop and book orders for future deliveries.
Our glass all new and fresh from factory.
Hot-bed sash and greenhouse material, dropped too.
PARSHESLY BROS., CO.
50 Montrose Ave., BROOKLYN, N. Y.

BOSTON PLATE & WINDOW GLASS CO.
Greenhouse Glass
GERMAN AND AMERICAN
261 to 267 AVE. BOSTON 20 to 22 Canal St.

Holds Glass Firmly
See the Point
PEARLESS
Glazing Putty is the best. No moisture on inside. Box of 1,000 points 15 cents postpaid.
HENRY A. DREIS.
14 Thames St., Phila., Pa.

The FLORISTS' HALL ASSOCIATION OF AMERICA, Insurer of 32,500,000 sq. ft. of glass. For particulars address
John C. Eiser, Ivy Saddie River, N. J.

In ordering goods please add "I saw it in HORTICULTURE."
When you can buy a genuine greenhouse boiler made from top to bottom especially for greenhouse work — then why under heaven don’t you buy it? What’s the use of trying to make yourself believe that a boiler originally designed for residence heating can possibly give the height of economy for greenhouse work? You know the conditions are absolutely different. The residence boilers were designed to do heating with small pipes in a vertical position where rapid circulation is an easy thing.

Now put such a boiler to work in a greenhouse with horizontal piping and with a large mass of water to move and you have an entirely different proposition — the residence boiler has not the power to do it economically without forcing. And forcing a boiler means not only shortening its life, but you also drive a surprising amount of heat out the chimney. Heat that costs you hard dollars.

So go careful!

Make sure you are buying a Cast Iron Sectional Greenhouse Boiler made especially for greenhouse work.

The Burnham is that kind.

Lord and Burnham Co.

Factories: Irvington, N.Y., Des Plaines, Ill.

NEW YORK  BOSTON  PHILADELPHIA  CHICAGO
“It's Rice for Quality and Price”

PEBBLED PLEATED PAPER
BIG SAVINGS FOR YOU

Here's a clever RICE purchase that puts dollars in your pocket. Steamer “Prince Adelbert” brings big shipment this week. Act now! Get your share at

$12.00 PER 100 PACKAGES

Rice Standard quality — the very highest. Waterproof, all flower shades — White, Pink, Nile, Moss, Lavender, Violet, Yellow, Red. 30 inches wide.

Rush your orders in. First come — first served.

M. RICE & CO. 1220 Race Street PHILADELPHIA, PA.
The Leading Florists' Supply House and Ribbon Specialists

Lest You Forget, We Say It Yet, USE OUR SPRINKLEPROOF RIBBONS and SPRINKLEPROOF CHIFFONS

TRADE MARK
TRADE MARK

Their merits appeal to every florist, large or small.

THREE STRONG REASONS for patronizing the NATIONAL FLORAL RIBBON HOUSE

QUALITY! ORIGINALITY! LOW PRICES!

Samples upon request.

WERTHEIMER BROTHERS, 565-567 Broadway at Prince Street, NEW YORK.

Boston Ferns
4½ Inch from bench.........Each 10c
3½ Inch from bench.........Each 7c
2½ Inch from bench, $3.00 per 100
Nephrolepis Whilmanii
3¼ Inch ...............$5.00 per 100, $40.00 per 1000
2¾ Inch, pot grown ..........50.00 per 100

Nephrolepis Magnifica
2½ Inch ...............$5.00 per 100
3½ Inch, pot grown ..........50.00 per 100

We Stand Back of Our Goods and Guarantee Safe Arrival of Shipments to All Parts of United States and Canada.

HENRY H. BARROWS & SON
Whitman, Mass.

PALMS, FERNs AND DECORATIVE PLANTS

JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 3600 Bedford. BROOKLYN, N.Y.

ASPARAGUS HATCHERI
The new Asparagus. Beats the old plum ones hands in every respect. From 2½ Inch pots, $1.50 per 100.

A. N. Pierson, Inc.
CROMWELL, - - - - - - - - CT.

Araucaria Excelsa
5 In., 3 to 4 tiers, 40c. and 50c.; 5½ to 6 In., 4, 5 and 6 tiers, 60c., 75c., and $1.00; 7 In., 25, 30, 40 and 50 in. high, for lawns and porches, $1.50 to $2.00.
Cash with order, please.

Godfrey Aschmann
Wholesale Grower, Shipper and Importer of Pot Plants.
1012 West Ontario St., PHILADELPHIA, PA.

In writing to Advertisers kindly mention Horticulture
October 28, 1911

HORTICULTURE

MISCELLANEOUS GREENHOUSE PLANTS for Immediate Shipment

Special prices made on large lots.

<table>
<thead>
<tr>
<th>Plant Type</th>
<th>2-in. per 100</th>
<th>3-in. per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABUTILON SAVITZI</td>
<td>$3.00</td>
<td>2.00</td>
</tr>
<tr>
<td>ACHIRANTHES EMERSONI</td>
<td>$2.00</td>
<td>1.00</td>
</tr>
<tr>
<td>ALTERNANTHERA, six varieties</td>
<td>$3.00</td>
<td>2.00</td>
</tr>
<tr>
<td>BRILLIANCE</td>
<td>$3.00</td>
<td>1.50</td>
</tr>
<tr>
<td>BEGONIA VERNON</td>
<td>$2.00</td>
<td>1.00</td>
</tr>
<tr>
<td>COLEUS, twelve varieties</td>
<td>$3.00</td>
<td>2.00</td>
</tr>
<tr>
<td>HARDY ENGLISH IVY</td>
<td>$2.00</td>
<td>1.00</td>
</tr>
<tr>
<td>HELIOTROPE, five varieties</td>
<td>$3.00</td>
<td>1.00</td>
</tr>
<tr>
<td>GERANIUMS, standard variety</td>
<td>$2.00</td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td>Silver leaf Nutt. and Mt. of Snow</td>
<td>$3.00</td>
</tr>
</tbody>
</table>

Cash With Order Please.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

NEW ROSES

Originated by Jackson Dawson

Lady Duncan, Dawson, Daybreak, Farquhar, William Egan and Minnie Dawson

WRITE FOR PRICES

We carry a very large stock of Fine Conifers, Deciduous Trees and Shrubs and Hardy Herbaceous Perennials

Send for Our New Illustrated Catalogue

EASTERN NURSERIES

JAMAICA PLAIN, MASS.

ROSES

OWN ROOT—FINE STOCK

Per 100

Richmond, from 3 in. pots | $6.00
Pink Killarney, Chatenay, Sunrise, Sunset, from 3 in. pots | $6.00
Bride, Bridesmaid, Golden Gate | $5.00 per 1,000, $6.00

GRAFIED

Fine Stok, 3 in. pots

Pink Killarney, White Killarney, Bride, Bridesmaid, My Maryland.

$12.00 per 100

WOOD BROS., Fishkill, N.Y.

CARNATIONS

CARNATIONS

F. DORNER & SONS CO.

LA FAYETTE, IND.

Chicago Carnation Co.

30 E. Randolph St.

CHICAGO - ILLINOIS

SPECIAL ROOSEVELT FERNS

2½ in. stock, $2.50 per dozen; $17.50 per hundred; $150.00 per thousand; can fill orders at once or book them for future delivery. Write for our list of Boston, Whitman, Ameplisodd, Euphorbiaceae, Scirr, Encrinner, Plumosum, Maiden Hair and Small Ferns.

GEO. A. KUHL, Pekin, Ill.

In ordering goods please add "I saw it in HORTICULTURE"

LATE DUG FORMOSUM

Fine Large Bulbs Thoroughly Ripened

7½ in. (250 bulbs to case) $7.50
8½ in. (200 " " ) $10.00

A. HENDERSON & CO.

30 E. RANDOLPH ST., CHICAGO

HEADQUARTERS FOR FALL BULBS

Send for Trade List

John Lewis Childs

Flowerfield - LONG ISLAND, N.Y.

For Fall Planting

Lilium Tungbolcourt, Henry Hamond, Wal-lard and Daviland; Elegans var., Single and Double Tigers; Japan Tree Lilies; Daffodiliformis; Japan and German Iris; Daphne Cneorum.

Full list ready in August.

E. S. MILLER

Wading River, - N.Y.

Alternanthera Jewel

Stock Plants, 2½ inch, $20.00 per 1,000
Rooted Cuttings, $10.00 per 1,000

This is by far the finest Alternanthera in sight and you should stock up now for Spring sales.

CHARLES H. TOTTY

Madison, N. J.

CHRYSANTHEMUMS

We are booking orders for early delivery of all the best Commercial and Exhibition varieties, either new or old. When in need remember we make Chrysanthemeus a specialty.

ELMER D. SMITH & CO.

Adrian, Mich.

PALMS, FERNS, DECORATIVE AND FOLIAGE PLANTS

Also Azaleas, Begonias, Day and Box Trees

A. LEUTHY & CO.

Perkins Street Nurseries Reseditale—Boston, Mass.

Price list on application.

BEST PALMS

All Varieties, All Sizes. Send for Price List

Joseph Heacock

Wyncote, Pa.

FERN FOR DISHES

Assorted varieties, 3 in. pots, $3.50 100;
$3.00 200; 500 at 1000 rate.
Cash with order

FRANK OECHSLIN

4911 Quincy St., CHICAGO, ILL.

HERBERT, ATCO, N. J.

DAHLIAS Every Day in the Year
DREER'S SEASONABLE SPECIALS

PALMS, FERNS, ARAUCARIAS, PANDANUS, ETC.
A special offer of the above has just been mailed to the trade. If you did not receive a copy and are interested write us.

DAHLIAS
A special catalogue offering 200 standard up-to-date varieties will be sent for the asking. It will pay you to consult this before making up your 1912 catalogue.

SPECIAL OFFERS OF JAPANESE IRIS, PAEONIES AND HARDY PERENNIAL PHLOXES are also still in force.

SPECIAL CIRCULARS offering SEASONABLE STOCKS are made throughout the season. If you are in the TRADE and do not receive copies write us and have your name on our mailing list.

For complete lines of Seasonable Florists' Stock, consult our current Wholesale List, issued September 1st.

HENRY A. DREER, Inc.
714 Chestnut St., Philadelphia, Pa.

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City: Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS
Nurserymen and Florists
Rutherford, N. J.

American Grown Roses

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens.

Write for Trade List. W. & T. SMITH CO. Geneva, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK
WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS A GENERAL ASSORTMENT OF
Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our illustrated and descriptive catalogue for the asking

Large Arborvitae, Hemlock and Norway Spruce.

THE F. E. CONINE NURSERY CO., Stratford, Ct.

ROBERT CRAIG CO.

ROSES, PALMS, and Novelties in Decorative Plants
MARKET and 48th STREETS, PHILADELPHIA, PA.
Seasonable Notes on Culture of Florists’ Stock

CARE OF ROSES

By this time roses that are in good health and growth should have liquid manure once a week, and there is nothing better than fresh cow manure for making this liquid: half a bushel of manure to 50 gallons of water is about right. After each crop is cut a mulch will be found very beneficial to help the crop of flowers on. Mix equal quantities of pulverized cow manure and loam together and apply it about a half an inch thick. These lighter mulches are better than heavy ones. To ventilate is of great importance from now on: early in the morning when your temperature has a tendency to rise, begin by putting on a little air and increasing with outside conditions so that the rise will be gradual until the maximum of 65 degrees has been reached, and then when it shows a tendency to drop reduce the air the same way, leaving a little on as long as possible. Syringe thoroughly in the morning on all bright days to keep the plants clean of red spider. See that they are properly tied so as to form straight upright bushes, and disbudded as they may need it. To ward off mildew keep a thin sulphur wash on the heating pipes. Fumigate regularly.

CALLAS

Do not let the callas suffer for the want of water. Those that are growing in pots soon dry out now, so give them faithful attention in the way of plenty of moisture at the roots. Use the syringe freely on all good days. Dump down the walks two or three times a day, especially when the temperature goes up with the sun heat, for callas delight in a moist growing atmosphere. Have those that are in pots set on a bench so as to allow full circulation of air around each plant; it also lets the sun and light around all the foliage. These plants when grown in pots soon exhaust the soil of its nourishing elements and should have some liquid manure once or twice a week to avert actual deficiency of plant food in the soil.

Those that are grown in beds or benches will not need feeding as yet, but with the coming of spring when the beds are full of roots mulching and feeding must be resorted to in order to sustain the plant in its final and most strenuous efforts. Give them a temperature of not less than 60 degrees at night. Fumigate with regularity for fly and thrips for these are difficult pests to eradicate when they have secured a firm foothold.

FERN S FOR THE TABLE

See that you have a good lot of these ferns coming on for the holidays. Stock that is now in flats and beginning to crowd should be potted up in a liberally enriched soil with about one-fourth of leaf mold added, and enough sand to make the texture open. When potting, the soil should be made moderately firm, but not too hard, and immediately after the operation give them sufficient water to moisten the soil through. After this, watering should be done very carefully until the plants are rooting freely. From now on they should have a house or bench where they will have full light, as they will make a better and harder growth. Keep the atmosphere moist and give ventilation whenever possible, always avoiding any direct drafts over the plants. When the first fronds are fairly well formed on your pans or flats they should be removed in clumps of five or six plants to other pans or boxes, using a compost that has been finely screened; soil one-half, leaf mold and peat one-half, and some sand, will suit. Give these young ferns a strong heat, anywhere from 65 to 70 degrees at night. Those who are growing spores should bear in mind that the most desirable commercial varieties will take from 10 to 12 months before they are fit to pot.

FREESIAS FOR CHRISTMAS

The freesia, whether grown for cutting or as a pot plant, must have the fullest possible light and a temperature of 55 degrees at night will grow them better than a higher one. Now that the pots or benches are filled with a mass of hungry roots they will stand some weak liquid manure twice a week. It will make a big difference in the spikes, making them stronger and the flowers of a larger size. As growth advances they will probably need some support in the way of keeping them shapely. Where your plants are in good condition do all you can to keep them so by giving every chance for proper ventilation so as to prevent a soft growth. Where you have to fumigate it do lightly, as the points are easily burned by tobacco smoke.

LIFTING SHRUBS FOR FORCING

Quite a few florists grow a good many of their flowering shrubs themselves. Where these shrubs have been cultivated regularly and thoroughly they should have a good ball of roots for forcing now. Pot them into 9, 10 or 12-inch pots, as they may require. Use any good rose soil and pot firmly. When all are potted give them a thorough soaking of water and before hard weather comes give them a deep frame that can be covered with sashes later on, where they can remain until wanted for forcing. The shrubs that are arriving now should be unpacked and if the buds show signs of starting, which is often the case, due to the warm and sometimes close quarters they are kept in, they should on no condition be exposed to a hard frost. If the roots are dry, soak them for a few minutes in a tub and then heel them in a cold frame. Keep the tops from frost by giving them covering with sashes. These shrubs will include all such plants as azaleas, almonds, box, dentias, lilacs, pyrus, rhododendrons, spireas, viburnums, etc. Pot when you have time.

PRIMULAS FOR THE HOLIDAYS

Give those plants that are intended for Christmas a temperature of about 50 degrees at night in a house or bench that is well lighted and they will do finely. Don't run them any higher for they will only spindle and draw up. See that they have enough of space and do not crowd one another. The larger ones can be given a place elevated on some inverted pots. Now that the pots are filled with roots they should have some weak cow manure with soot added, once a week; it will improve the flowers and foliage. When they are coming into full flower they do better in a temperature of from 42 to 15 degrees. Give these plants all the air that the weather will permit on bright days.

John J. M. Farrell
Fruit and Vegetables under Glass

ROOT PRUNING

At this season of the year early-forced fruit houses present a rather dismal appearance—cold, nothing growing, probably the first few leaves falling as the force of the hose sweeps across them, each morning, the autumn tints on the foliage of vines proclaiming that fall is with us. Now, from the inexperienced we should expect to hear such remarks as “Nothing doing here,” or “What desolate houses.” To the grower, however, this is one of the most important times of the year, for it is upon work done along now that much of next season’s crop depends. Once active growth commences little can be done to the borders, so all must be put right now. Peach and nectarine trees having shown signs of too much root action should now be root-pruned. This applies especially to young trees. Finding themselves in a newly made border, with lots of room to roam in, as compared with what they have been used to, they invariably “let it go” and as fall comes on we find we have a quantity of very strong growths to deal with. To cut this away without interfering with the root action would only invite still stronger wood for next year, consequently root pruning must be resorted to.

Vague ideas apparently exist with some as to the method of procedure and also of the object of root pruning. As we were proceeding to get around a peach tree a few seasons ago we were asked if the trench was to be filled in with manure! In another instance we were told we were killing the trees, which proved to be anything but true. Trees can receive a very severe check by overdoing the root-pruning and will lose their next season’s crop in consequence. The advantages outweigh all these drawbacks when it is properly done and no loss of time or crop should ensue. Old established trees which carried a full crop may not need pruning. Be governed by the wood grown during the past season. The safest time to proceed is as soon as the first few leaves commence to fall, signifying that growth is about finished and that the roots will soon be resting. By having some foliage on the tree at the time, the shock is not so great to the bud and the danger of dropping is reduced. To proceed, take out a trench down to the drainage at a fair distance from the tree; this can be done with a shovel and any strong roots encountered can be ignored. Now, with a fork work the soil from between the roots carefully down, taking care not to injure the roots. When about two feet from the trunk the half can be tunnelled under, doing one-half first and filling it in again before doing the other; this keeps the ball in position and there is no danger of its breaking. Any roots having a tendency to go straight down can be shortened right back; others should be carefully fingered out of the soil and brought up to within three inches of the surface. Fill in the soil again and make quite firm before laying the roots out. All strong roots should be shortened back, leaving all fibrous ones. Use a sharp knife and make a clean cut. Any roots which may have been broken off or damaged during the operation, should also be cut clean as a clean cut always heals so much quicker than a bruise. Spread the roots out evenly over the surface and cover with soil ramming the whole firm and even. Take care that the roots are not left exposed for any length of time. Should they have to be left out over-long spray them and cover with old bags or blankets to keep them moist. Suckers can be traced down to their origin and taken off close to the root. Some roots are continually sending these suckers up and they are best amputated. If the tree has been subjected to a severe pruning and few fibrous roots are left, give a soaking of water and keep it syringed morning and noon in fine weather. Syringing will be beneficial on bright mornings during the whole dormant season as it keeps the buds soft and plump.

OUTSIDE VINE BORDERS

Outside vine borders are beneficial for late houses, keeping colder in the spring and consequently growth is deferred as late as possible. These will now have a crop of ripe fruit hanging and the roots will be active for awhile and needing protection from frosts and rain. A good thick layer of leaves spread over the top and covered with straw litter to prevent the wind from removing them will answer the purpose well. Shutters or spare sash can be placed over this to run off the rain as a preventive to cracking berries. An outside border lying wet and cold will often cause berries to crack or otherwise go wrong.

WORK IN THE GARDEN

With the approach of winter there is much preparation to be made in the kitchen garden. Much of course depends on the locality. Roots will have to be stored, celery protected so as to make winter digging possible and a quantity stored for immediate use. Globe artichokes will need protection to carry them through the winter. Asparagus for forcing must not be allowed to freeze too far down. Some frost into it is essential for good forcing. Leaves and other rubbish will accumulate and should be burnt preparatory to digging and trenching.

MUSHROOMS

 Beds made up the first week in September will now be cropping. The atmospheric temperature has the greatest effect on the quality of mushrooms. Houses or cellars which are too warm never produce the thickest specimens—one finds in a cellar having a normal temperature providing other conditions are right. This is the one great factor, as the life of the bed depends on it. After the spawn has run, bottom heat is not so essential as proper aerial heat. A temperature of 50 to 55 produces the best quality mushrooms and will keep the bed going well. Never advance more by artificial means; rather be on the cool side. A mushroom bed should not require watering until in an advanced stage; each time water is applied a quantity of the small fungis are lost, rotting off in the soil. Beds should not be allowed to dry right out, or the crop will be checked. Aim to keep them moist by damping walls, walks and surface occasionally without soaking the bed. When watering is necessary use it at a temperature of 65 to 70 and soak the bed through.

George H. Benson

Mr. Benson’s next notes will be on the following: Pruning and repotting pot trees; Melons for Christmas; Tomatoes in pots; Strawberries for forcing; Chambers in Crop.
Autumn Flowering Shrubs

In my last notes on this subject I referred entirely to the varieties of Buddleia variabilis and other species recently introduced to this country from China and I now propose to give a further selection of shrubs which can be recommended for beautifying gardens and open spaces. Some few of these are also new introductions from the far East but the majority, though far from being well-known in this country, are quite old inhabitants of European gardens. This, is, no doubt, owing to the fact that horticulture in general and hardy plants in particular are more fully appreciated on the other side and the various nurseriesmen, who are largely responsible for their popularization, have been quicker to realize their value.

The opinion is often expressed that the climate is more temperate and suitable in Europe than here, but this is really not the case so far as the varieties mentioned are concerned; in fact, exactly the opposite obtains. Owing to the brighter summers and better general conditions for ripening the wood all hardy deciduous trees and shrubs flower and fruit much more freely here. In parks and open spaces where sufficient space is at command the practice of grouping many of these deciduous flowering shrubs has much to commend it as much finer effects are produced by massing one variety than by planting a single specimen. Very good examples of this method may be seen in the Arnold Arboretum and throughout the Boston Park System.

The Sorbaria section of the Spiraea contributes largely to the number of fall-flowering varieties, and these have recently received two important additions from China, viz.: S. arborea and S. arborea var. glabrata. Although these two are in general respects similar the species is easily distinguished from its variety, being clothed with short hairs on the underside of the leaves. These both produce a large indolence of white flowers at the termination of the season's growth. Sorbaria tomentosa, a native of Afghanistan, is a very handsome species growing from eight to ten feet in height with dark red stems and white flowers. S. asperrima, sorbofolia and stellulata should also be included. All the Sorbarias are large-growing shrubs with fine pinnate foliage and require but little attention except that some of the old wood can be removed occasionally. Another handsome member of the Spiraeeae is Holodiscus discolor, a native of N. W. America, which produces large numbers of rose racemes of creamy white flowers on gracefully drooping stems during August and is almost equally pretty in the seeding stage. As a specimen plant in the shrubbery or on grass this shrub is well suited and needs but little attention except to keep the old wood cut out.

One of the most important and useful of recent introductions from China is Elsholtzia stauntonii which was found growing along the Great Wall near Pekin and introduced to the Arboretum by J. G. Jack. Here it proves sub-shrubby, but is perfectly hardy, making a bush from three to four feet in height with branching stems of showy rose-purple flowers. It is easily propagated by cuttings, seed or by division of the roots, and for planting in groups to produce a good display of color it is a most desirable plant.

Helodendron argenteum, commonly called the Salt Tree, from Siberia, is a beautiful member of Leguminosae deserving a place in all gardens, on account of its wealth of pink, pea-shaped blossoms which are produced in such profusion as to hide the branches. The foliage being silvery-grey contrasts very prettily with the flowers and the semi-pendulous habit makes it very attractive. It can be increased by seeds, which take two years to germinate, but the most satisfactory method is to graft in early spring using Caragana arborensca as a stock. Luespeidea bicolor is well-known as a graceful and pretty shrub for fall blooming. Another good species is L. cyrtocephala and there are also several very promising new varieties among Mr. Wilson's Chinese introductions.

Vitex mesais, an uncommon shrub from the East, makes a pleasing bush from six to eight feet in height and has pretty blue and white flowers in light pyramidal spikes on the current season's growth. Vitex Agnus Castus is not so tall growing as its congener but has larger foliage and deep blue flowers. There is also a good white form. Although both of these shrubs are, in this locality, more or less herbaceous in character, this is no drawback to them as they both grow freely from the base and make conspicuous bushes by fall. Hibiscus syriacus and its numerous varieties are among the best of shrubs for planting in sunny positions as they are able to withstand a considerable drought and never fail to produce a wealth of blossom. Very little attention is required, and in a few years they make good specimen bushes from six to eight feet in height. Among the numerous varieties there is a wide selection of color, some of the most desirable being toto albus, Lady Stanley, Hamabo, pacodillora, purpurea and violacea.

A considerable number of Spiraeae flower during the late summer and autumn and the dwarfing-growing sorts are specially valuable, producing masses of color. Spirae Japonica and its numerous varieties are the most desirable and these all grow from two to four feet in height, with quantities of flattened flower heads. To keep them vigorous the old flower stems should be removed at least every two years. Anthony Waterer, a variety with rich dark red flowers, is the best, but one should also include alba Hamahla, ruberrima, saperea and Froehlichii.

The shrubby Potentillas are also valuable for grouping purposes. P. fruticosa is the best known, with bright yellow flowers. Its variety microstyla is dwarfer and the flowers are larger and brighter in color. P. Friedrichsenii is extremely floriferous and the color primrose yellow. Veitchii is perhaps the best and for this we have to thank E. H. Wilson. It grows about three feet high and produces great numbers of pure white flowers. P. davurica is also white with a dwarf, dense habit.

Several new Clematis have flowered this autumn for the first time in the Arboretum and the most noteworthy at present is C. nutans. This is a free growing variety well suited for clothing pergolas and other places where rapid climbers are required. The flowers are produced in great numbers, are pale yellow in color and deliciously scented. This is also one of Wilson's finds.

Arnold Arboretum.

Arthur C. Thatcher
The "Conquest of New England"

Dear Mr. Stewart:

I am very much interested in the conquest of the surface of the earth. This conquest is to be accomplished largely by the engineer and the farmer. Heretofore we have considered the conquest to be very largely in the new regions; but now that we have circumferenced the earth, we begin to realize that we must effectually conquer the regions that have been run over in times past. You are now coming to the real conquest of New England. New England is a newer country than most of us recognize. The influence of New England on the nation has not ceased. I am expecting that it will contribute a very important part to the re-direction of rural civilization. Therefore, I am interested very much in your Fruit Show and in every other enterprise that contributes to the awakening of a self-sustaining country life in the old states.

Yours very truly,

Cornell University,
Ithaca, N. Y.

The foregoing characteristic and inspiring communication from the honored Director of the New York State College of Agriculture is received with much gratification.

Two and three generations ago the eyes of the world were on New England for all that was worth seeing and knowing in advanced fruit culture. Of late years this industry in New England has lagged and in the meantime the hustler from the far west has been doing things. But New England’s blood is up now, as the unparalleled apple display in Boston this week well attests. The big, far-seeing men in horticulture, like Dr. Bailey, realize what this means and can discern in the present awakening the promise of neglected fields and orchards once more made productive and yielding luxuriant and profitable crops of fruit of matchless quality.
Our illustrations show several of the newer gladioli most highly es-
temned by John Lewis Childs, by whom they are offered.

Scribe needs no encomiums. Its splendid form and vigor are plain-
ly shown in the picture. It is pink marked on a white ground, variable
as the portrait shows, and is a de-
spicable flower that was once an
favorite Eugene Scribe.

Saffron is a Vilmorin production, a
fine and fair deep yellow, with a
red mark in the throat. The individ-
ual flowers are very fine, but the
straggly character of the spike is
likely to limit its popularity among
gladiolus fanciers.

Four Gladioli.

A. J. Frazer succeeds J. C. H. Hunt-
ley in charge of the plant of the E. G.
ill Nursery Co., at Eden Vale, Calif.

Louis C. Stearns has been placed in
charge of the new greenhouse at the
Normal School at Bridgewater, Mass.

Arthur Crabh, son of Geo. Crabh of
Grand Rapids, Mich., was married,
October 18th, to Margaret Ryan, also
of that city.

P. Papas is now proprietor of the
floral department of Washash Fruit &
Flower Co.'s store, 502 South Washash
avenue, Chicago.

H. W. Field, florist, Northampton,
Mass., has gone to Redlands, Cal., with
his family for the winter in the hope
of benefit his health.

Edward H. Dolby, who conducts a
greenhouse at Great Barrington, Mass.,
and Miss Jessie Chase of North Adams,
were united in marriage Oct. 19.

H. P. Hodgkins, formerly with R. &
J. Parquhar Co., of Boston, is now
New England representative of the
Moore Seed Co., of Philadelphia.

E. P. Wallis has been appointed bo-
tanical instructor at the Oregon Agri-
cultural College, Corvallis, Oregon. He
was formerly at the Maryland Agricul-
tural College.

William Swan, for many years su-
perintendent of Rocky Point Farm,
Plymouth, Mass., has resigned his pos-
tion and will enter the real estate busi-
ess as agent and representative of the
Marden Cooperative Real Estate
business of Washington, D. C., with
office in Plymouth. Mr. Swan assures
us that his heart will, however, still
be true to gardening in all its ways
and interests.

We are pleased to learn of the seri-
ous injuries sustained by J. H. Troy
of The Rosary flower store, on Park
avenue, New York, on Tuesday of last
week. Mr. Troy is said to be on the
road to recovery, at his home in New
Rochelle, but still suffering much pain.

HORTICULTURE joins with a host of
anxious friends in the wish that he
may speedily recover and be soon re-
stored to his accustomed physical
vigor.

James McGregor, treasurer of the
North Shore Horticultural Society, was
very pleasantly surprised at the meet-
ing of the society on the evening of
Oct. 20. The president, Alfred Par-
sents presented him, in behalf of the
society and friends, a beautiful solid
gold watch, suitably inscribed, as a
token of the esteem in which he is
held by the members.

Mr. McGregor, who has been a prom-
inent worker in the society, has been
the gardener for Miss Adele G. Thayer
for the past 25 years, and is leaving
Nov. 1 to take charge of his estate at
Duluth, Minn. H.

St. Louis visitors — Martin Renkauf,
representing H. Bayersdorfer & Co.,
Philadelphia, Pa.; H. Newcomb, repre-
senting Vaughan's Seed Store, Chi-
icago.

Boston visitors — Alfred Emmrich,
representing Vilmorin & Co., Paris,
France; E. O. Orpet, Lake Forest, Ill.;
Frederic H. Evans, president American
Institute, New York City; Ed. Roehrs,
Rutherford, N. J.; W. C. Lang-
bridge, representing Jerome B. Rice
Co., Cambridge, N. Y.

A WEDDING ANNIVERSARY.

On Monday evening, Oct. 23, Mr. and
Mrs. Peter Fisher opened their beauti-
ful home at Ellis, Mass., to their
friends in honor of the twenty-fifth an-
iversary of their marriage. It was a
most delightful reception and said to
be one of the largest affairs ever held
at a private residence in Norwood.

Friends in the town and friends from a
distance, including many of the lead-
ing floricultural lights of Massachu-
setts filled the spacious reception room
and affectionately clasped the hands of
Boston's famed carnationist and the
charming lady to whose companions-
ship for the past quarter of a century
so much of his success in life is due.

The rooms were decorated in tasteful
manner and a bountiful collation was
served while the orchestra played. Con-
gratulations and hearty good wishes for
twenty-five years more of wedded bliss.

CATTLEYA X EDWARD.

We are indebted to Ed. Roehrs, or-
chid expert of Julius Roehrs Co., for
the fine photograph reproduced on our
cover page. Cattleya Edwardi is a cross
between C. Schilleriana and C.
Warscewiczii, a very striking and beau-
tiful flower with conspicuous purple
markings on the white lip, as shown
in the picture. The cross was first
made, we think by Sandier in 1892,
but has been done repeatedly by others
since, including Julius Roehrs Com-
pamy, who have fine plants of their
own production as well as those of
foreign origin.
NORTHERN INDIANA FLORISTS' ASSOCIATION.

The Northern Indiana Florists Association held its quarterly meeting at Ft. Wayne, Ind., Oct. 18. A committee was appointed to draft program for next meeting which will be held at South Bend, Jan. 17th, 1912. The program prepared was to consist of the following papers:

System, W. W. Cotes; How We Conduct Our Retail Business, J. S. Stuart; Characteristics of Gardeners, H. V. Yerous, Jr.

A poll was taken to ascertain the improvements made by members during the year which resulted as follows:

Conner & Ush, rebuilding $10,000; Munroe Florist Co., rebuilding $100; Ten Erke, rebuilding $1,000; Jno. S. Langer, new stores $12,000; 11 new houses; $12,000; Henry W. Johnson, improvements $100; Bohrer & Weber, new store; Wheeler & Taylor, 2 new houses, $450; King, Winona Lake Improvement Co., new houses, $1,000; Stuart & Haigh, rebuilding $3,000; W. W. Tower Co., 3 new houses, $2,000; Veesey & Co., 4 glasses, $1,500; Waggoner Floral Co., improvements, $200. Making a total $18,450.

The following resolutions were adopted:

Sime death has claimed our brother and fellow member, Mr. H. P. Conner; hence, he is therefore:

Resolved. That in his death this society suffers a great loss and his wife a kind and indulgent husband.

Resolved. That we tender the widow our sympathy, a copy of these resolutions be presented to her at her residence minutes and a copy mailed to the widow.

Respectfully,

J. S. STUART, Com.

The committee on exhibition submitted the following report. In general and as a whole the display and arrangement in the florists' windows made a fine showing.

Chrysanthemums—Veesey first on Mme. Tonset, V. Pochein and Orce; Miss Flick second on Bosco and Printz; Munroe Floral Co., second on Mme. Tonset.

Geraniums—Wagoner Floral Co., first; on Kaiserin, Frank & Sons first on Richard, Pink Killarney, White Killarney, Bridal Veil, Pink Swan, White Swan, Blind Tomb, White Tommy and Pink Tommy; third on Richard, Pink Killarney, Veesey third on Geraniums; Veesey second on White Killarney, W. Kenyon second on Bride and Bridal-maid, Bridal-maid, Bride & Blind Tomb first on Mrs. Anna Ward and Sundarbart.

Carnation—Veesey first on Enchanted Pearl and White Enchanted, Bercher & Weber second on Enchanted Pearl, first on Victory, Tender third on Enchanted Pearl and White Enchanted, Frank & Sons second on White Enchanted. The latter showed White Perfection and Wide Wonder. In addition to the preceding, Basset & Washburn, showed a view of elegant American beauty roses; Tanega, tall orchids, pansy, Noph, Schoedell & White, and Boston ferns, pot chrysanthemums and decorative plants; Deacon, pot polyanthus, asparagus plumosus and sprengeri, and large pot poinsettias, pot covers and bulbs; W. Kenyon, vases of mixed roses and chrysanthemums.

A. J. WAGONER, Sec.

AMERICAN INSTITUTE CHRYSA-THEN-HUM SHOW.

The annual exhibition of chrysanthemums, carnations, roses, carnations, ferns, palms and decorative plants generally will be held at the Berkeley Luceum Building, 19 and 21 West 44th street, Chicago, Ill., October 23 and 24. A liberal prize list has been provided, covering all the foregoing and many other flowers and plants.

FLORENTS' AND GARDENERS' CLUB OF RHODE ISLAND.

The regular meeting of the Florists' and Gardeners' Club of Rhode Island was held on the evening of Oct. 23, with a good attendance. An important feature of the meeting was the report of a special committee including William Hill, Alexander Macrane and E. A. Appleton, which in substance was to the effect that the special appropriation of the Rhode Island Horticulture Society of $150 for the annual show will be set aside wholly for premiums to be competed for by florists. This report struck a responsive chord, and many of the florists expressed their willingness to go in and revive the show which for the past four or five years has been sadly lacking in so far as they were concerned.

The principal topic under consideration at the meeting was the planting of trees in our parks and planting in the public streets of this city during the past year, and the manner and season in which it was done, in some cases, following along with the suggestion of some of the members of the club, judging from the nature of their remarks.

At the next meeting of the club on Nov. 20, Michael Sweeney will read a paper on a topic of special interest to the members. The annual election will also occur on this date.

S. A. G.

RHODE ISLAND HORTICULTURAL SOCIETY.

William N. Craig, secretary of the Gardeners' and Florists' Club of Boston, was the principal speaker at the monthly meeting of the Rhode Island Horticultural Society, October 18, in the Public Library, Providence. He spoke on "Hardy Bulbs." After describing the various bulbs he told of the different seasons and how and when to plant them. The large delegation from the Florists' and Gardeners' Club of Rhode Island was present.

Notice was given of the annual fall exhibition of the society to be held at the Money on Nov. 4 and 5. Calling attention to the departure from previous years of having the exhibition on Saturday and Sunday.

The lecturer, Mr. Craig, was entertained at dinner at the Crown Hotel by President Thomas Hope, Secretary Arthur C. M. Wheeler, Treasurer Richard M. Bowen of the Horticultural Society and President Robert Johnston of the Florists' Club.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

Department of Registration.

As no objections have been filed, public notice is hereby given that the registration of the roses, "Genevieve Clark" and "Sunshine," by Jackson & Perkins Company of Newark, Wayne County, N. Y., becomes complete.

H. B. DORNER, Sec'y., October 19, 1911.

MASSACHUSETTS HORTICULTURAL SOCIETY.

The annual meeting of the Massachusetts Horticultural Society for the election of officers for the ensuing year will be held at Horticultural Hall, Boston, Saturday, November 18, at 12 o'clock. The nominating committee of the society has nominated a list of candidates to be voted upon at this meeting. Additional nominations can be made within two weeks by papers signed by fifteen members.

The list of regular nominations follows:

For president, Charles W. Parker; vice-president (for two years) Harry P. Wheeler, Harry C. Mock, Charles R. Sargent; to the Board of Directors, Robert B. C. Sargent; to State Board of Agriculture, with the name of the committee for 1912, R. M. S. Kendall, W. G. Kendall, C. Minot, W. H. Wheeler.

WM. P. RICH, Sec'y., October 21, 1911.

DETROIT FLORIST CLUB.

The Committee on Fall Flower Show has sent out the following bulletin:

Dear Friend: Your duly appointed committee have made every effort to be able to arrange your Annual Fall Flower Exhibit in a much more convenient place than the subcommittee of the Michigan Cut Flower Exchange has been in the past. The Twelfth Century Building, Witherell and Columbia Sts., has been offered us their building, free of charge. For the purpose of arranging a show on November 14th and 15th, 1911.

We are profoundly thankful for the many favors shown us by the Michigan Cut Flower Exchange, and we do not believe we cannot help but cheerfully grasp the opportunity to display our product without removing it to another and more distant location, and at the same time, we can ask the favor of you all in paying a small admission fee.

This fee will be taken in order perhaps to help defray the cost of the show and also to make a small payment on our overtures for "Certificates," and the prices will be so arranged that large growers and small growers have the same opportunity.

Considering that many friends in our trade as well as outside will be glad to offer prizes, your committee has decided to accept your offer of prize money for which the rules of competition for the purpose of showing the same, will almost certainly be made.

Retailer please observe that several small rooms are at your disposal in this building and will make any other arrangements. Kindly post this committee at your earliest convenience.

All of us remember November 14th and 15th.

Let us all help together and we are bound to succor for the benefit of all.

CHICAGO FLORISTS' CLUB.

All flowers for the novelty exhibition of the Chicago Florists' Club should be shipped, express prepaid, to A. T. Peters, secretary, 1927 Michigan Ave, Chicago, Ill., to arrive on the afternoon of Thursday, November 2nd.

C. W. JOHNSON,
Manager of Exhibits.
THE HITCHINGS CUP.

The accompanying cut shows the silver cup offered by Hitchings & Co. for award at the forthcoming exhibition of the Chrysanthemum Society of America, to be held in St. Louis, Mo., on November 7-11, inclusive. The Hitchings cup is offered for the best thirty blooms of Chrysanthemums, six varieties, five blooms each, not less than 18 inch stems.

WESTCHESTER AND FAIRFIELD HORTICULTURAL SOCIETY.

The first annual exhibition of this young and vigorous organization will be held on Friday and Saturday, Nov. 3rd and 4th, at the Casino, Stamford, Conn. We are informed that it will be something quite out of the ordinary and well worth a visit.

CLUB AND SOCIETY NOTES.

J. K. M. L. Farquhar of Boston gave a practical talk to the Civic Association of Gloucester, Mass., on Tuesday night, October 24, on Autumn Work in the Garden. The topic was introduced at the meeting of the Horticultural Club of Boston, November 1, will be New Chinese Plants on which E. H. Wilson will give a talk. The meeting will be held at the Horticultural Club House in Boylston Street at 7:30 o'clock.

The trade in Detroit are becoming very enthusiastic over the fall flower show, November 14 and 15th and everything points to a great success of this, the first show arranged in ten years. Many cups are being donated locally as well as by outsiders.

On Monday evening, October 23, J. K. M. L. Farquhar of Boston addressed the Chrysanthemum Society at Harvard on the subject of Horticulture in Japan, illustrated with numerous stereopticon views. The hall was well filled and the lecturer was given an ovation.

CHICAGO BOWLING LEAGUE, October 18.

The Chicago florists are looking forward to another treat at the next regular club meeting, Nov. 2, which will be Chrysanthemum Day. Among the guests expected is E. G. Hill of Rich- mond, Ind., who will be here in the double capacity of exhibitor and speaker. He will receive a hearty welcome.

Among the fine groups at the fall exhibition of the Lenox (Mass.) Horticultural Society on October 25, that contributed by Julius Roehrs Co. was especially admired. Among the orchids included was the handsome new Cattleya labiata var. Lencox, white flower with dark lip. Cathybas x Miss Williams, x Edward, x Portia, Dow- lana, superba and Borinquen. For a Gonzalana and Vannda coerules were all well displayed.

The Executive Board of the St. Louis Horticultural Society held a meeting, October 17th, and made all arrangements for the coming Flower Show to be held at the Coliseum, November 7th to 11th. The Chrysanthemum Society of America will meet the same week here, and the show promises to be a large one.

The officers of the St. Louis Florist Club met at R. J. Williams store on Monday night, October 23rd, to perfect arrangements to entertain the visiting florists during Flower Show week. Another meeting will be held by the officers before the next meeting of the club.

DURING RECESS.

New York Bowlers.

One needn't bowl in all—at just sit or stand and watch the gyrations—the wireless idols in every high society party, or in any of the new radio stations, or of course, the wireless radios connected with business. A new life style seems to have given strength to the bowling club circuit, with Scott president, and Chadwick captain, and a jolly crowd of good fellows behind them with plenty of matches with local teams in prospect. We are sure to have many a merry night on the day this year.

The scores on last Friday night were:

Old Town's: 29-170-212

Holt's: 121-129-240

Manhattan's: 134-129-263

Riverview's: 197-165-362

Towne's: 77-73-150

Scott's: 111-117-228

Pepper's: 73-72

Kabukido: 151-198-101

Irwin's: 127-125-252

Veblen's: 125-122-247

Why not have a series of challenge games between all the clubs? Have the games supervised and otherwise officially attended to same as in other sport or international games. A championship banner or trophies would be a great incentive. Think it over, boys! Games could be held on club's own alleys.

DONLAN.

Chicago Bowling League.

The schedule of the third annual tournament of the Chicago Florists' Bowling League, covering from Oct. 4, 1911 to May 15, 1912, is out. It has a tempting list of prizes in money, jewelry, umbrellas, etc., besides the silver cup offered by Zech & Mann for the individual champion.
CHRYSLANTHEMUMS.

Resident Secretary's Club,
October 5th, by Elmer D. Smith.

When I promised your worthy President a paper on Chrysanthemums, I did not fully realize the responsibilities involved, as I would have been more reluctant in accepting his kind solicitation. Although most of those present are directly or indirectly interested, yet I venture to say the large majority do not consider the horticulture of Chrysanthemums, and the trade papers have from time to time presented excellent articles, and several books have been published by able writers, so that only files are filled with compilations of exceptional merit, and adequate to the needs of this vast country.

Confronted by these facts, it would be the height of folly to attempt to offer food for thought along new lines. The tillage has been nearly or quite complete. And furthermore, this is a very complicated subject when considered on its immediate interests. For these reasons it would seem wise to present only the most important features and presuming the majority of your members select flowers for commercial cut blooms, I will endeavor to give attention to this aspect.

The Early Varieties for Cut Bloom.

Before discussing cultural methods let us first consider best varieties for our season. The early kinds are first on the market, they are naturally initial in these deliberations. I have some misgivings in mentioning those I consider best for this purpose, as it may be prejudicial on my part inasmuch as the earliest White, Yellow and Pink originated with us. Smith's Advance and Golden Glow are the earliest, and may be had from July onward. Unaka for October first is the earliest large flowering pink. There has been considerable difference of opinion among growers as to the best varieties which mature before the last of September; this point must be determined by those engaged in this industry. Personally, I would not select for the large quantities required for the wholesale market, unless the crop is controlled so as to bring them in about September 15th and later. The grower who retails his products, may with impunity provide limited quantities earlier in the season, and use them to good advantage.

For early blooms the most important feature is early planting, and just when this should be done depends upon the date they are to be cut. Smith's Advance and Golden Glow planted the first of May and buds selected about June 25th should mature the last half of August. Successive plantings up to early June and securing a crop of late October. Unaka, planted May first with buds secured August 5 to 10, should all be ready to cut the first of October. A most important point in the choice of the variety is the grower, with stems four feet, incurved blooms over 6 inches in diameter, and very similar to Wm. Duckham in color (Golden Glow). It is a finer rival as an early pink. At the present time October Frost and Donatello are making their appearance. Both are good to follow Smith's Advance and Golden Glow, but should be planted in May or early June to secure best result.

For October 15th to November 1st we would plant Orophra, a white coming in a few days in advance of Ivory, producing larger blooms and of a splendid solid form. Chrysolora for yellow is unsurpassed for this period, being larger than Col. D. Appleton and 15 days earlier. A thinner stem and the best incurved form. Gloria would be our choice for pink.

These three, like the earlier kinds, are more satisfactory when fairly matured. The June 15th and secure buds about August 16th, which should insure the crop cut and out of the way before the mid-season or November varieties are ready.

Mid-Season.

This brings us up to the mid-season varieties which are so numerous, and in fact there are so many good kinds to select from it does not seem necessary to mention them. The above recommendations apply to the second season.

Pompons, Anemoons and Singles possess the desired qualities to a degree, and are of special value to those who retain their flowers longer than the best trade. They lend grace and beauty to floral arrangements; in fact, the best effects can not be attained without them. Singers are among the most fragrant and are not well adapted for consignments that necessitate handling.

Solt is the first item to be considered under head of cultural methods. Old sorts, cut thin, from a moderately firm soil and piled with one-third to one-sixth their bulk of cow manure, six months will furnish the best material for filling the bench. Some advocate larger quantity of manure, but we find the plants do not need it in their earlier stages of growth, also the wood is firmer and ripens better than where nitrogenous matter is abundant. We prefer giving food later when the plant is strong and the stems somewhat larger.

Those who wish to utilize old sod, will meet with very good success by using half new and half old. We prefer planting on the bench. If prepared compost is not at hand, fresh cut sods chopped and put through a soil mixer will make an excellent substitute.

Planting Time.

As previously stated, the early sorts should be planted if possible early in May. We have calls for early varieties late in July, but the fallacy of such a course is apparent when we consider the time required for planting they should be selected buds.

The mid-season and late fall flowers will do well if planted in June; it is true fall buds are not done until this operation is deferred to the succeeding month, but the flowers are seldom as large and fine in finish as those which have had ample time to mature. The plants are a strong plant before selecting the buds.

Early planting in only moderately rich soil gives the best stem and foliage. We find the first buds are few, but much as the following season have been available. The larger leaves on short jointed and firm wooded stems. With the foundation constructed thorough and complete, the building of the bloom will practically take care of itself.

From this time on until the buds appear at picking, the saving and the most urgent matters requiring attention. Less water will be required during the first stages of growth, with increased quantity in the spring they gain strength and more foliage.

Time for Taking Buds.

The time for the buds to appear is governed to a large degree by the climatic conditions. In the eastern States and in Canada (the State of many climates), I was much impressed by the fact that the portions of the State enjoying a cool air produce the earlirest blooms, and late ones are from localities more torrid.

At Los Angeles I was told the first flowers were the growers numerous streets of Chrysanthemums only 20 miles distant. No fixed dates can be given, as they vary according to the conditions of the weather during July and August. The cooler the earlier and the warmer the later is this change in construction takes place.

On one occasion we had W. H. Chadwick's immediate harvest. These flowers were from July 10th to September 1st, and 20 days apart. With an average season in this section, flowers for September are from August 1st to about 15th, for October 1st to 15th; for November August 25th to September 15th: for December September 20th to October 15th. These dates are only approximate at best as some varieties develop more rapidly than others.

The bulk of Chrysanthemums are planted from June 15th to July 15th, and those best adapted for this purpose are such as produce perfect blooms from buds selected from August 15th to late September. Many of the kinds shown at the exhibitions look beautiful, but are often misleading to the novice, for when placed under the conditions which usually prevail on commercial places are useless. It is far better to rely upon the judgment of some competent person, than to select from the show boards unless you are well versed in horticulture.

Light and Nourishment.

I am pleased to state that shading is not practiced as much as in former years. Sunlight is a prime factor in producing strong, sturdy, and healthy growth. A light shading is, however, highly beneficial to all varieties showing color before October and it is necessary to continue later, provided the bright sun prevails and the temperature rises above normal.

What form of nourishment to supply is a topic of considerable importance. Very few writers are on this subject. Bone meal, cow, sheep, and in fact, almost any kind of manure is beneficial, but their real value depends upon the kind of food they contain, when considered in ratio to price paid. All or part of those mentioned, may be essential in the production of finest blooms, which find their way to the exhibitions, but if my object was solely the production of high grade commercial stock, I would recommend a complex commercial fertilizer, say one containing about 50 per cent plant food. While it costs more per pound than the natural products, it will supply nearly 100 times the amount of the required elements,
namely, nitrogen, potash, and phosphoric acid. To make this comparison more comprehensive, one pound of sugar is equal to one hundred pounds of manure. The first cost would be greater for the chemicals, but we should bear in mind that the entire 50 per cent plant food is available as soon as put into solution. On the other hand, the manure requires considerable labor to bring it into such a form. In the first place, chemicals are placed in a tank of water, and in a few hours are ready to apply with a hose, and in the second the material must either be used in the form of top dressing or reduced to a liquid before it is available. I am frank to admit there is less danger in injuring a crop with manure than chemicals, unless the latter is judiciously applied. Most of such materials are used too strong. Ten years ago we were applying at the rate of one ounce to five or six gallons of water, now the ratio is one to twenty. Weak solutions are much easier, affording perfect control.

Varieties of robust constitution which are usually able to assimilate more food, can be treated at shorter intervals, with the soil recommended. Thirty pounds of such concentrated chemicals at a cost of less than $10.00 is sufficient for 30,000 to 40,000 plants. A labor in preparing manure for such a number would alone far exceed the figures given.

Insect Control.

There are a few insects which must be kept in check. If our plants are kept in a healthy condition, Aphis are the most abundant. The past two years we have used hydrocyanic acid gas with most satisfactory results. Its advantages over the various forms of nicotine are that it kills every aphid in the house, and they do not reappear for a month or more. We have fumigated but three times since the middle of May and our stock will be clean into November.

A high grade of cyanide is most effective. We prefer the sodium to the potassium form. W. J. Kelmel, Elmhurst, Ill., suggested in one of the trade papers one pound of Paris green to fifteen pounds of brown sugar, using one ounce of this mixture to one gallon of water for thrips. We find this is equally effective in destroying the larvae of the tney and does not color the foliage.

The achievements in floriculture are not brought by any one thing we do, but by the many things given attention at the proper time, and chrysanthemums are no exception to this law. I think all of you will agree with me that superiority in knowledge is not as essential as the ability and energy to attend promptly to every detail, which are of vital importance in marking the degrees of our success. Nature provides a way and we endeavor to assist.

PHILADELPHIA NOTES.

Next Monday will see Berger Bros. comfortably installed in their new and commodious quarters at 110 North 13th Street.

We have been asked several times what's new in roses and carnations for 1912 that are really worthy while. We venture no opinion, but the cry is in these advanced centers—Double White Killarnoy and Lady Hilligdon in roses—and Wedderthie or White Wendi-der in carnations. To an outsider they seem to have the earmarks of winners and are worth advertising.

B. Cartledge, Samuel S. Pennock and John Westcott, the local judging committee of the Chrysanthemum Society of America have had an easy time of it so far this season. Last Saturday there was but one claimant for their attention—a pink incurred from A. Lotze, Glenshule, Md.

Edward A. Stroud, carnation grower, is branching out and has added hardy plants, shrubs and evergreens—quite an extensive and very select collection. He has specialized for several years on hardy spray chrysanthemums. He has a new one which he calls 'Pink Garza,' which he thinks a great deal of and expects to be able to offer to the trade in quantity next March.

The stamen Prinz Adelbert, just arrived, had a phenomenal shipment for M. Rice & Co. of this city. Christmas baskets and their new pebbled pleated paper were conspicuous elements of the importation. The basket display resulting has taken the town by storm and largely increased store space has been found necessary to give the public an adequate idea of the extent and variety in store for the holidays.

Visitors: Bernard Hobbs, representing Mann & Brown, Richmond Va.; the two Dudleys, Parkesburg, W. Va.; H. L. Holmes, Harrisburg, Pa.; Wm. L. Farrell, Baltimore, Md.; W. C. Langbrigg, Cambridge, N. Y.; Percy R. B. Richy, of Pennock-Mechem Co., N. Y. City; also a number of distinguished drummers who did not call on our correspondent—for fear, perhaps, they might be asked why their house did not advertise. In then-est, and best of all the horticultural trade journals, Well, what else could it be? We wouldn't eat them!

NEW ENGLAND FRUIT SHOW AWARDS.

Winners of the principal prizes at the New England Fruit Show have been announced by the judges. New Hampshire won the first prize of a gold medal and $100 for the best exhibit, Massachusetts winning the second prize of a silver medal and $50. Connecticut won third prize, a bronze medal and $25. These prizes were for the best exhibit by any state or state organization of 100 boxes and twenty barrels of apples. Quality of fruit, packing and general arrangement were largely considered in awarding prizes. C. E. Hardy won the Governor Poes cup for the best display of Baldwin apples. The silver shield given by Governor Putnam of Rhode Island for the best exhibit of Rhode Island greenings was awarded to Alfred Durgin of Newmarket, N. H. The International Apple Shippers' Association cup was captured by Conyers Farm of Greenwich, Conn., and the $25 offered by the W. & B. Douglas Company of Middlefield, Conn., for the best barrel of King apples, was awarded to Elijah Rogers of Southington, Conn.

For display of apples of any one variety, containing two barrels, two baskets and ten plates, the following prizes were given: C. W. Hubbard of Salisbury, N. H., first (Baldwin), $50; second, Turner Hill Farm, Ipswich (Waner), $25; third, C. E. Hardy, Hollis, N. H. (Baldwin), $10.

Morrison, III.—A new cucumber house of the R. R. Davis Co., just completed, has concrete foundations and pipe frame; the floor and beds are of cement. An eighty horse-power boiler has been installed.
A Great Exposition

The First Show of the American Land and Irrigation Co. will be held November 3rd to 12th in Madison Square Garden, where the products of the soil from all parts of the country will be displayed.

SEE our exhibit at booth 19, where will be displayed the products of our seeds, showing the results of years of careful selection.

$20,000 in AWARDS

W. E. MARSHALL & CO., 146 West 23rd Street
NEW YORK

INCORPORATED.
Charlottesville, Va.—The Sky Land Orchard Co., capital stock $5,000 to $15,000.

Melrose Park, Ill.—Elmhurst Floral Co., capital stock $10,000. Incorporators, Herman Weiss, Paul L. Haertel and William H. Reiche.


Rochester, N. Y.—"Campbell, the Florist," capital stock $1,000. Directors, Edward C. Campbell and Jesse H. Campbell of Rochester, and Charles Gallery of Gates.

FOR COLD FRAMES

STRAW MATS
6 x 6, $1.50, $17.00 doz.

BURLAP MATS
6 X 6, $1.20, $14.00 doz.

WM. ELLIOTT & SONS,
42 Vesey St., New York

FORCING TOMATO PLANTS
in 1/2" inch pots at $1.00 per M. In the following varieties: Comet, Sutton's Winter Beauty, Sutton's Seed of All, Sutton's Abundance, Sutton's A 1.

Cabbage and Lettuce Plants in unlimited quantities and best market varieties.

FOX HALL FARM, NORFOLK, VA.

ONION SETS
HEADQUARTERS FOR THE EAST.

We carry large stocks of choice quality at both our Orange, Conn., and New York city houses. Full line all varieties of Garden and Flower Seeds. Trade List on application.

B. D. WOODFORD & SONS,
82 Day Street
New York City.

COLDWELL LAWN MOWERS
Hand—Horse—Motor
Known All Over the World
Catalogue on Request.
NEWBURGH, N. Y.
The advertisements which appear in this column have all been written by Ralph M. Ward personally. They are prepared sometimes on the spur of the moment, perhaps during his hour ride on the Reading Railroad every morning and evening, or whenever he feels so inclined and in his various moods. Of course, some you do not like, and some you tolerate, and we have been told some have done us harm. Those which have done us harm have necessarily done others good and we are not so jealous of our competition as to deny them their portion of business. Mistakes are made by Mr. Ward occasionally and sometimes big ones, but we are working away just the same, hoping to improve until we reach that age when we begin to decline, as all men do, and when that time comes we want younger blood to take the reins; continue boosting what is right and make away with the ways and means of bye-gone days. Our business is to sell bulbs—especially lily bulbs—we have no seed store—we sell wholesale only. We import what we sell direct and our sources of supply are reliable actual growers and not merely exporters or dealers. Our aim is to induce growers to buy the best and we discourage the sale of inferior bulbs—for two good reasons: first because a grower cannot succeed in handling inferior bulbs—and secondly a permanent business cannot be built up in bulbs alone unless one delivers the very best that can be procured. Write for prices on Horseshoe Brand Bulbs.
An Unusual Request.

In this connection a circumstance rather unusual thing has come to our knowledge and one on which the trade seems to be more or less divided. We are informed that the representative of a great European seed house has been interviewing their customers who have contracts with them for the crop of 1912 of beets, carrots and other biennials with a view of inducing them to agree to pay an increase, varying from 4c to 5c per pound, over the contract prices agreed upon previously. The reason for this, it appears, is that the supply of roots for these crops in 1912 is very short, many of them being so tardy that farmers will not take the trouble to save and transplant them unless they receive an additional price from the seed grower. The latter firm claims it is not willing to bear this advance and cannot afford to; therefore, it has called on all of its customers to agree to pay the premium demanded by the farmers, which so far as we have heard, the seed trade of this country has unanimously agreed to do. We do not wish to criticise this concern, as it would seem to us rather up to them to pay the bonus which they are asking the seed trade to pay for them, and they could have easily recouped themselves by the advanced prices which they will naturally ask during the next two or three years. However, this matter is really of only indirect interest.

We have referred already to the scarcity of seed stocks of peas, and it would seem to be the part of good enlightened business to place contracts at an early date where possible for future pease. We have been repeatedly told by well informed persons in the trade that there will not be seed stocks enough to meet the requirements of the season for farmers and canners, and those who do not want to be left at the post should arrange for their requirements as soon as the pease have issued their contract prices for the 1912 crop. Many tardy ones had their orders turned down last spring, and the same fate awaits the tardy again this year, only earlier than usual. We shall continue reporting the latest bulletins on this subject until the actual situation becomes known.

Wholesale Seedmen’s League.

In looking over the list of prices issued by the Wholesale Seedmen’s League, we find many items omitted entirely, though in some instances a note informs the dealer that last year’s prices are considered applicable at the present time; but there is one important item which seems to have been entirely overlooked—that is spinach. No prices are given and no mention is made of this item, which we assume is simply an oversight. We are informed that Lem W. Bowen was elected a member of the Wholesale Seedmen’s League at its recent meeting in New York, also that Mr. Bowen was elected a director. We think that the seed trade is to be warmly congratulated in securing the active cooperation of so important a house as D. M. Perry & Co.

The Onion Crop.

We have not received information regarding the total onion crop of the country this far this year, but such information as we have indicates that there is a heavy shortage which is fully borne out by the strong prices now ruling. Very few onions are still in the first hands—that is, the farmers. Almost all of them have been bought by the dealers who, whether in a combination or not, seem to be shipping them to market just fast enough to keep the apetite keen, without at any time causing congestion and the lowering of prices. This is generally regarded—that is the high price of onions—as an exceedingly favorable sign that onion seed will be in active demand the coming season. Experience has shown quite conclusively that when onions have sold readily at strong prices there has been active demand for seed. So mote it be.

Samuel Whitefield, for the past eleven years bookkeeper for Weber & Don, has resigned his position to take charge of the office of W. E. Marshall & Co., 145 West 23rd Street, New York.

Stocks for Easter 1912

MICHELL’S FLOWER MARKET STOCK

The best of all winter flowering stocks. Sown now will be ready for cutting Easter. Colors: Pure White, Flesh Pink, Rose Pink, Light Blue, Dark Blue, Blood Red and Mixed.

1-2 Trade Pkt., 30c; Trade Pkt., 50c; Oz., $1; Oz., $3.50

HENRY F. MICHELL,
518 Market Street

Oats
Barley
Wheat

Swedish Specialties
Grown Under Government Control by
ALL. SVENSKA UTSAEDES AKTIEB.
SVALEOF, SWEDEN

Descriptive pamphlet, prices and samples on application
SOLE AGENTS:
Loechner & Co., 11 Warren St.
New York

Oats
Barley
Wheat

Wholesale Grass Seed Dealers’ Association.

An adjourned meeting of the Wholesale Grass Seed Dealers’ Association of the United States and Canada was held Oct. 18, at the Sinton Hotel, Cincinnati, O. This meeting, which was adjourned from the annual convention at Marblehead, Conn., last June, was called together to complete the work of the year, as the election of officers, reports of committees, etc., was provided at the adjourned meeting. Albert Dickinson Company, Chicago; Illinois Seed Company, Chicago; Plant Seed Company, St. Louis, Mo.; Charles E. Prunty, S. A. Lough, Mo.; Schlesier-Cornell Company, St. Louis, Mo.; D. L. Bushnell & Co., St. Louis, Mo.; S. G. Scarlett & Co., Baltimore, Md.; J. Charles McCulloch, Cincinnati; The J. M. McCulloch Sons Company, Cincinnati; S. N. Flower & Co., Toledo, Ohio; Joseph Breck & Sons Corporation, Boston, Mass., National Seed Company, Louisville, Ky.; Henry Nungeaser & Co., New York, and Barteldes Seed Company, Lawrence, Kan.

The following officers were elected: President, Albert McCulloch, of the J. M. McCulloch Sons Company, Cincinnati; vice-president, Charles D. Boxles, of the Albert Dickinson Company, Chicago, Ill., and secretary and treasurer, S. G. Scarlett, of S. G. Scarlett & Co., Baltimore, Md.

Waco, Texas—The M. L. Webster Co., seedsmen, of Independence, Iowa, has opened a branch office here.

Portland, Me.—A new seed store has been opened at 49 Exchange street, under the firm name of Allen, Sterling & Lothrop. S. Coleman Allen, senior member of the firm, was formerly with Kendall & Whitney.
SUNFLOWER SEED
$3.50 Per 100 Pounds

This special price for a short time only. Samples sent on request.

J. BOLGIANO & SON
Wholesale Seedsmen
Baltimore, Md.

Farquhar's Flower Seeds for The Florist
Write for our Wholesale Catalogue
R. & J. FARQUHAR & CO.
Boston, Mass.

LEONARD SEED CO.
225-229 W. KINZIE STREET, CHICAGO
Wholesale Seed Growers and Dealers

SEEDS, PLANTS, BULBS
All seasonable kinds of best quality
Special prices on large lots

JAMES VICK'S SONS
Seedsmen
ROCHESTER, N. Y.

SEEDS, PLANTS, BULBS
Price list free on request.
Joseph Breck & Sons Corp.
47-54 No. Market St., BOSTON, MASS.

J. C. Robinson Seed Co.
Waterloo, Neb.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas, Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.
ONION SEED
We have a choice lot of new crop Silver Skin or Portugal, also other varieties. Write for prices.

SCHILDER BROS.
CHILLICOTHE . . . OHIO

Bridgeman's Seed Warehouse
RICKARDS BROS.
Props.
37 East 19th St., - NEW YORK CITY

Sphagnum Moss
In Burlap Bales; per bale $1.00, 6 bales for $5.00, 10 bales for $8.00. Larger lots at Lower Prices.
The W. W. Barnard Co.
108-110 W. Kinzie St., CHICAGO

Joe Skiedelsky
1807 West 14th St., New York.

Farquhar's Flower Seeds
$3.50 Per 100 Pounds

This special price for a short time only. Samples sent on request.

J. BOLGIANO & SON
Wholesale Seedsmen
Baltimore, Md.

Farquhar's Flower Seeds for The Florist
Write for our Wholesale Catalogue
R. & J. FARQUHAR & CO.
Boston, Mass.

LEONARD SEED CO.
225-229 W. KINZIE STREET, CHICAGO
Wholesale Seed Growers and Dealers

SEEDS, PLANTS, BULBS
All seasonable kinds of best quality
Special prices on large lots

JAMES VICK'S SONS
Seedsmen
ROCHESTER, N. Y.

SEEDS, PLANTS, BULBS
Price list free on request.
Joseph Breck & Sons Corp.
47-54 No. Market St., BOSTON, MASS.

J. C. Robinson Seed Co.
Waterloo, Neb.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas, Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.
ONION SEED
We have a choice lot of new crop Silver Skin or Portugal, also other varieties. Write for prices.

SCHILDER BROS.
CHILLICOTHE . . . OHIO

Sphagnum Moss
In Burlap Bales; per bale $1.00, 6 bales for $5.00, 10 bales for $8.00. Larger lots at Lower Prices.
The W. W. Barnard Co.
108-110 W. Kinzie St., CHICAGO

Burpee's Seeds
PHILADELPHIA

Blue List of Wholesale Prices mailed only to those who plant for profit.

Burpee's Seeds
PHILADELPHIA

Blue List of Wholesale Prices mailed only to those who plant for profit.

Burpee's Seeds
PHILADELPHIA

Blue List of Wholesale Prices mailed only to those who plant for profit.
Of Interest to Retail Florists

Philadelphia, Pa.—The store of Frederick Simpson, 4629 Baltimore avenue, has been reopened.

Greenwich, Conn.—Alexander Mead & Sons are now in their new store over the Brown Store.

Pittsburgh, Pa.—John Kober, of 707 Greenfield avenue, employed by a local florist, was run down and injured by a street car on October 16th.

Lynn, Mass.—Frank J. Dolansky has just returned from a ten weeks' stay in Europe. Mr. Dolansky has three houses of cattleyas, mostly Triannes. His potsheds, gardenias, roses and carnations all look well.

Salem, Mass.—Henry T. Conant, florist, Essex street, has taken a ten-year lease of a lot a little farther down the street. Excavation for an office has already been made. A large area at the back will be used for greenhouses.

STEAMER DEPARTURES

American.
St. Louis, N. Y.-Stamton, Nov. 4
Anchor.
Caledonia, N. Y.-Glasgow...Nov. 4
Atlantic Transport.
Minnetonka, N. Y.-London...Nov. 4
Cunard.
Ivernia, Boston-Liverpool...Oct. 31
Mauretania, N. Y.-Liverpool...Nov. 1
Holland-America.
Potsdam, N. Y.-Rotterdam...Oct. 31
New Am'dam, N. Y.-R'tdam...Nov. 7
Hamburg-America.
Cleveiand, N. Y.-Hamburg...Nov. 1
K. A. Willem, N. Y.-Hamburg...Nov. 4
North German Lloyd.
K. Wilhelm II, N. Y.-Bremen...Oct. 31
G. Karlson, N. Y.-Bremen...Nov. 2
Riviera, N. Y.-Malta...Nov. 4
K'l's Wilhemi, N. Y.-Bremen...Nov. 7
Red Star.
Zedlau, N. Y.-Antwerp...Nov. 4
White Star.
Cynicl, Boston-Liverpool...Oct. 31
Cresl, N. Y.-Mediterranean...Nov. 1
Adriatica, N. Y.-Liverpool...Nov. 4
Oceanic, N.-Southampton...Nov. 4
Arabia, Boston-Liverpool...Nov. 7

Detroit, Mich.—Geo. Brown has appointed a committee to visit Mr. Stahelin's place once a month and report to the florist club on the carnations grown under movable houses.

The Michigan Cut Flower Exchange has added an icebox 9 x 14 feet, principally for carnations.

Boston, Mass.—F. H. Houghton is now well established in his new store, 4 Park street. Old customers have followed him to his new location and it is thought that the move will prove a very wise one.

Miss Conley is in charge of the exhibit of Henry Conley at the Boston Chamber of Commerce Industrial and Educational Exposition in Mechanics' Building. It is the only floral display there.

Harry Quinl, who opened a flower store at 195 Tremont street, Boston, the first of October, reports business very satisfactory.

Of Interest to Retail Florists

Philadelphia, Pa.—The store of Frederick Simpson, 4629 Baltimore avenue, has been reopened.

Greenwich, Conn.—Alexander Mead & Sons are now in their new store over the Brown Store.

Pittsburgh, Pa.—John Kober, of 707 Greenfield avenue, employed by a local florist, was run down and injured by a street car on October 16th.

Lynn, Mass.—Frank J. Dolansky has just returned from a ten weeks' stay in Europe. Mr. Dolansky has three houses of cattleyas, mostly Triannes. His potsheds, gardenias, roses and carnations all look well.

Salem, Mass.—Henry T. Conant, florist, Essex street, has taken a ten-year lease of a lot a little farther down the street. Excavation for an office has already been made. A large area at the back will be used for greenhouses.

STEAMER DEPARTURES

American.
St. Louis, N. Y.-Stamton, Nov. 4
Anchor.
Caledonia, N. Y.-Glasgow...Nov. 4
Atlantic Transport.
Minnetonka, N. Y.-London...Nov. 4
Cunard.
Ivernia, Boston-Liverpool...Oct. 31
Mauretania, N. Y.-Liverpool...Nov. 1
Holland-America.
Potsdam, N. Y.-Rotterdam...Oct. 31
New Am'dam, N. Y.-R'tdam...Nov. 7
Hamburg-America.
Cleveiand, N. Y.-Hamburg...Nov. 1
K. A. Willem, N. Y.-Hamburg...Nov. 4
North German Lloyd.
K. Wilhelm II, N. Y.-Bremen...Oct. 31
G. Karlson, N. Y.-Bremen...Nov. 2
Riviera, N. Y.-Malta...Nov. 4
K'l's Wilhemi, N. Y.-Bremen...Nov. 7
Red Star.
Zedlau, N. Y.-Antwerp...Nov. 4
White Star.
Cynicl, Boston-Liverpool...Oct. 31
Cresl, N. Y.-Mediterranean...Nov. 1
Adriatica, N. Y.-Liverpool...Nov. 4
Oceanic, N.-Southampton...Nov. 4
Arabia, Boston-Liverpool...Nov. 7

Detroit, Mich.—Geo. Brown has appointed a committee to visit Mr. Stahelin's place once a month and report to the florist club on the carnations grown under movable houses.

The Michigan Cut Flower Exchange has added an icebox 9 x 14 feet, principally for carnations.

Boston, Mass.—F. H. Houghton is now well established in his new store, 4 Park street. Old customers have followed him to his new location and it is thought that the move will prove a very wise one.

Miss Conley is in charge of the exhibit of Henry Conley at the Boston Chamber of Commerce Industrial and Educational Exposition in Mechanics' Building. It is the only floral display there.

Harry Quinl, who opened a flower store at 195 Tremont street, Boston, the first of October, reports business very satisfactory.
YOU’LL NEED BASKETS—Lots of them for Chrysanthemums, American Beauties, Carnations. It's time to stock up. We have the finest and most varied stock of Standard, Special and Novelty Baskets and Stands, in Willow and Braid, Wicker, Metal, Rattan, Twig and Rush—in natural, antique, or art colors—simple or elaborate, in endless variety and sizes. Over thirty pages of photographs of baskets in our New Catalogue, showing hundreds of styles, and fully described. This superb album of florists' supplies, 11 x 14, over 100 pages of illustrations, prices and descriptive matter, is the most elaborate ever issued. A copy goes free to your address on request.

H. BAYERSDORFER & CO.
THE Florist Supply House of America
1129 Arch Street, - - - PHILADELPHIA, PA.

NEW ENGLAND
FLOWER DELIVERIES
Send flower orders for delivery in Boston and all New England points to
THOS. F. GALVIN
124 Tremont St., Boston

TRANSFER
Your orders for flower or plant delivery in Eastern New England to
JULIUS A. ZINN
1 Park St., Boston

BOSTON'S BEST
In Quality and Design
Can be relied upon when you transfer your retail orders to
EDWARD MACMULKIN
194 Boylston Street, Boston

Littlefield
FLORIST
407 & 409 Main St.

H. F. A. Lange
Worcester, - MASS.
Delivers to all Points in New England, 125,000 square feet of glass.

CINCINNATI NOTES.
Mr. and Mrs. J. A. Peterson have returned from their European trip.
Chas. Pfeiffer, Jr., is taking his first vacation in years. He is visiting friends in Idaho.
P. W. Peterson carried with him a number of Flower Show posters on a business trip which he started on Monday.
Mr. and Mrs. Ray Murphy lost their infant daughter, Evelyn Ruth Murphy, on Tuesday morning. The florists sympathize with them in their sad bereavement.
C. E. Critchell and the Cincinnati Cut Flower Exchange were deprived of telephone service on Saturday last from immediately after lunch time until after closing hours. A burglar stole the lead cable, containing their wires, that ran through the basement of a nearby building, now vacant.

NEW FLOWER STORES.
Gary, Ind.—Walter Kryszegski.
Armdale, Pa.—Miss Nora Obl.
Pascoag, R. I.—Thomas Kennedy, Ward block.
Chicago, Ill.—Steve Minon, Milwaukee and Powell avenues.
Hartford, Conn.—John Brodrih has opened a floral department in the store of Wise, Smith & Co.
New Brunswick, N. J.—John Clark will soon move into a new store, 77 Church street, his present quarters, 86 Church street, being too small.

IN BANKRUPTCY.
Boston, Mass.—Albert Scott, florist. Liabilities, $531.67; assets, none.

BOSTON, MASS.

"Pens, The Telegraph Florist"
37-45 BROMFIELD STREET

WELLESLEY COLLEGE
Jane Hall, Walnut Hill and Rockridge Hall
TALIBY, Wellesley, Mass.
Tel. Wellesley 44-3 and Night 409

FOR RETAIL STORE TRADE
WE NOW OFFER
Asplenium Nidus Avic (Bird's Nest Fern), originally finished plants $1.00, $1.50 and $2.00 each; the best plants we ever had, sure to sell when seen. Paphioped Volfi, extra strong plants, $1.00, $1.50, $2.00, $2.50 and $3.00 each.

J. A. PETERSON,
MchHenry Ave., Westwood, Cincinnati, O.
CHRYSANTHEMUMS
Medium Grade, per 100, $8.00-$10.00
Good " " 12.00-15.00
Fancy " " 18.00-25.00

WHITE, PINK, YELLOW
All Seasonable Varieties
Cattleyas, per doz., $6.00
Dendrobium Formosum, per doz., $5

The Leo Niessen Co.
WHOLESALE FLORISTS
N. W. Corner
12th and Race Sts., PHILADELPHIA

THE BEST LETTERS
FOR THOSE MADE
BY THE
Boston Florist Letter Co
68 PEARL ST., BOSTON
N. F. McCarthy, Mgr.
Order direct or buy from your local supply dealer. Insist on having the BOSTON Inscriptions, Emblems, etc. Always in Stock.

WELCH BROS.
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR
ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED
226 Devonshire Street, Boston, Mass.

WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100
To DEALERS ONLY
ROSES
BOSTON CHICAGO ST. LOUIS PHILA.
Av. Beauty, Fancy and Special... 20.00 15.00 25.00 30.00 35.00
" " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " 
Flower Market Reports

BUSINESS has dropped off somewhat this week. Carnations are very abundant for the all-around staples in demand and in price. Roses of all varieties are plentiful and of good quality. The higher grades enjoy a better market. Cacti are lower in price. Lilies of the valley are not up to usual high class, in fact, the most of it is in the No. 2 class. Dahlias abound, with prices low for this season of the year, but horse show is soon due and an improvement is to be expected. Lilies are somewhat short in supply. Gardenias vary from the small bruised and unsalable stuff which will hardly bring the price of a good carnation to the requisite product which sells for $3 a dozen blooms at wholesale. Orichids abundant and not easily disposed of. Outside markets are unloading cattleyas surpluses on this market with ill effect on the local stock.

BUFFALO other social functions are in order, but there has been no special demand on any certain line; at least, it was not noticeable. On Monday, shipments were heavy, and on Tuesday (all day rain) the demand was light. Dahlia, cosmos and gladoli were in heavy supply and it seemed as if the summer days had returned. Chrysanthemums are abundant, especially Kuhb, October Frost, Monrovia, Bergmann and Polly Rose and Pacific. Blooms small and stems from eight to twenty inches, and only useful for floral work. Of the better grades some good Holiday, Tenet, Pacific Supreme and White Cloud are received. Other stock in good supply. Carnations are in poor demand, and accumulating to some extent. Colder weather is looked for, which will be well for the trade in general.

CHICAGO now pervades the market as a whole and the reports from the various houses bear a striking similarity to each other. Just enough stock to go around, day by day, and opportunity to see what your neighbor can supply when the big orders come in late, make the fall business fairly under way, as it surely is. There may be those whose books show more profitable Octobers but with out-door flowers lingering till now, the volume of sales is very gratifying. The only flowers that can really be said to be in abundant supply are the chrysanthemums of which there is certainly no surplus for the season. It looks now as if there might prove to be an oversupply before the height of the season. The pompons and auriculas also are starting to import sales of these in excess of the large varieties. There is a decided shortening up of the rose supply, continued cloudy weather being responsible for much of it. Beattie's are fine and the demand fully equals the supply. Carnations, especially good in size and quality are seen. The finest noted this week are in white and light pink. Lily of the valley is excellent. Comparatively few violas are in, the season for them being scarcely open here. Dahlia and a few gladoli are all that is left of the outdoor stock and the last are on the counters this week. There is a good supply of all kinds of green stock, home grown and from the south. The words "variable CINCINNATI and easy" describe very aptly the condition of the market. It is variable because the demand occasionally slackens up for a day or so. It is easy because the supply is as a whole larger than the demand. The outside flowers, dahlias, gladoli, are still in the market and are holding down prices. Last week the market on ten roses was very light. This week thus far it has been

<table>
<thead>
<tr>
<th>S. S. PENNOCK-MEEHAN CO.</th>
<th>THE WHOLESALE FLORISTS OF</th>
<th>PHILADELPHIA</th>
<th>NEW YORK</th>
<th>WASHINGTON</th>
</tr>
</thead>
<tbody>
<tr>
<td>109 W. 28th Street</td>
<td>1608-1620 Ludlow Street</td>
<td>1212 New York Ave.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WHOLESALE FLOWER MARKETS.—TRADE PRICES Per 100 TO DEALERS ONLY

<table>
<thead>
<tr>
<th>ROSES</th>
<th>CINCINNATI</th>
<th>DETROIT</th>
<th>CHICAGO</th>
<th>BUFFALO</th>
<th>PITTSBURG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Am. Beauty, Fan. &amp; Sp.</td>
<td>25.00</td>
<td>25.00</td>
<td>25.00</td>
<td>25.00</td>
<td>25.00</td>
</tr>
<tr>
<td>Extra</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>No. 1</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>No. 2</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Richmond, Chrysan., Fan. &amp; Sp.</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>2.50</td>
<td>2.50</td>
<td>2.50</td>
<td>2.50</td>
<td>2.50</td>
</tr>
<tr>
<td>Killarney, Maryland, Fan. &amp; Sp.</td>
<td>7.50</td>
<td>7.50</td>
<td>7.50</td>
<td>7.50</td>
<td>7.50</td>
</tr>
<tr>
<td>&quot; Low Grades.</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Bride, &quot;Maid.</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>28th St.</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>CARNATIONS, First Quality</td>
<td>1.50</td>
<td>1.50</td>
<td>1.50</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>Ordinary</td>
<td>75.00</td>
<td>75.00</td>
<td>75.00</td>
<td>75.00</td>
<td>75.00</td>
</tr>
</tbody>
</table>

MISCELLANEOUS

| Cattleyas | 25.00  | 25.00  | 25.00  | 25.00  | 25.00  |
| Lilacs, Longiflorum | 10.00  | 10.00  | 10.00  | 10.00  | 10.00  |
| Lily of the Valley | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  |
| Chrysanthemums | 13.50  | 13.50  | 13.50  | 13.50  | 13.50  |
| SOS | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  |
| Sweet Peas | 75.00 | 75.00 | 75.00 | 75.00 | 75.00 |
| Gardenias | 2.50  | 2.50  | 2.50  | 2.50  | 2.50  |
| Adenium | 2.50  | 2.50  | 2.50  | 2.50  | 2.50  |
| Smilax | 10.00  | 10.00  | 10.00  | 10.00  | 10.00  |
| Asparagus Plumosus, (2"2) | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 |
| " & Spren. (100 lbs.) | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 |

For many years have been acknowledged leaders both in style and quality. For each season we have added new creations more beautiful than the last. Allowing always to have a ribbon of pleasing and charming shades for every novelty as it is introduced, whether it be a rose, carnation or sweet pea. It matters not,—"P/M ribbons for every flower, old and new." is our slogan. This season is no exception to this, our custom. We have added many new and beautiful shades—shades that cannot be found elsewhere. Customers re-ordering time after time, demonstrates to us that the P/M quality ribbons are and must be by far the best. Samples and prices for the asking.

 Florists' Supplies and Other Novelties

Distributing Agents for the great new Roses for 1912

Double White Killarney and Killarney Queen
(The Budlong Strain)

Gifted, $22.00 per 1000. Own Root, $200.00 per 1000.

(Continued on page 2.)
M. C. FORD
Successor to
FORD BROTHERS
121 West 28th Street  NEW YORK
FINE ROSES. FANCY CARNATIONS
A Full Line of All CUT FLOWERS.
Telephone, 3870 or 3871 Madison Square

H. E. FROMET
Wholesale Commission Florist,
Choice Cut Flowers,
97 West 28th St. :: NEW YORK
Telephones: 2200, 2201, Madison Square.

Edward C. Horan
Wholesale Florist
55 WEST 28th St.

P. J. SMITH
Successor to JOHN I. RAYNOR
Wholesale Commission Florist
123 West 28th Street, New York

Selling Agent for
LARGEY BROTHERS
A Full Line of Choice Cut Flower Stock for all purposes,
by the 100, 1000 or 10,000

O.R.TICULTURE
October 28, 1911

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
123 West 28th Street, New York
Telephone-3832-3833 Madison Square

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST
GRADE OF VALLEY
ALWAYS IN HAIN
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, Tel. 759
55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

<table>
<thead>
<tr>
<th>ROSES AND CARNATIONS</th>
<th>Last Half of Week</th>
<th>First Half of Week</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ending Oct. 21</td>
<td>beginning Oct. 23</td>
</tr>
<tr>
<td>American Beauty, Fancy and Special</td>
<td>10.00 to 12.00</td>
<td>10.00 to 12.00</td>
</tr>
<tr>
<td>&quot;  &quot;  &quot; Extra</td>
<td>8.00 to 10.00</td>
<td>8.00 to 10.00</td>
</tr>
<tr>
<td>&quot;  &quot;  &quot; No 1.</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>&quot;  &quot;  &quot; Lower Grades</td>
<td>5.00 to 7.00</td>
<td>5.00 to 7.00</td>
</tr>
<tr>
<td>Richmond, Chatsworth, Extra and Special</td>
<td>3.00 to 5.00</td>
<td>3.00 to 5.00</td>
</tr>
<tr>
<td>&quot;  &quot;  &quot; Lower Grades</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>Killarney, My Maryland, Extra and Special</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>&quot;  &quot;  &quot; Lower Grades</td>
<td>50 to 75</td>
<td>50 to 75</td>
</tr>
<tr>
<td>Bride, &quot;Bride&quot;</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>Carnations, First Quality</td>
<td>1.50 to 2.50</td>
<td>1.50 to 2.50</td>
</tr>
<tr>
<td>&quot;  &quot;  &quot; Ordinary</td>
<td>1.00 to 1.50</td>
<td>1.00 to 1.50</td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephone : 1666 Madison Square
CONSIGNMENTS SOLICITED

SIEBRECHT & SIEBRECHT
Wholesale Florists
136 W. 28th St., New York City

The Kervan Company
Fresh Cut Evergreens, Mosses,
Southern Smilax, Galax and Lacinodiope.
Preserved and Fresh Cut
Cycas and Palmiees.
Tel. 3518 or 3539 Madison Square, 113 W. 28th St., New York.

Reed & Keller
132 West 26th St., New York.
Florists’ Supplies
We manufacture all our
Mittal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Electric Wire, Greens and Florists’ Newsletter.

A. L. Young & Co.
WHOLESALE FLORISTS
Choice Cut Flowers
54 West 28th St., NEW YORK
Prompt Payment. Telephone 3539 Madison St.

Frank Millang
Wholesale Florist
55-57 West 26th St., New York
Shipments, any quantity, Wholesale Market Rates.

Robert J. Dysart
Public Accountant and Auditor

A. M. Olm & Co.
Wholesale Florists
131 West 28th St., New York

The Highest Grade of Valley
Always on Hand
Gardenias, Daisies, Roses and Carnations

The Kervan Company
Fresh Cut Evergreens, Mosses,
Southern Smilax, Galax and Lacinodiope.
Preserved and Fresh Cut
Cycas and Palmiees.
Tel. 3518 or 3539 Madison Square, 113 W. 28th St., New York.

Reed & Keller
132 West 26th St., New York.
Florists’ Supplies
We manufacture all our
Mittal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Electric Wire, Greens and Florists’ Newsletter.

A. L. Young & Co.
WHOLESALE FLORISTS
Choice Cut Flowers
54 West 28th St., NEW YORK
Prompt Payment. Telephone 3539 Madison St.

Frank Millang
Wholesale Florist
55-57 West 26th St., New York
Shipments, any quantity, Wholesale Market Rates.

Robert J. Dysart
Public Accountant and Auditor

A. M. Olm & Co.
Wholesale Florists
131 West 28th St., New York

The Highest Grade of Valley
Always on Hand
Gardenias, Daisies, Roses and Carnations

The Kervan Company
Fresh Cut Evergreens, Mosses,
Southern Smilax, Galax and Lacinodiope.
Preserved and Fresh Cut
Cycas and Palmiees.
Tel. 3518 or 3539 Madison Square, 113 W. 28th St., New York.

Reed & Keller
132 West 26th St., New York.
Florists’ Supplies
We manufacture all our
Mittal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Electric Wire, Greens and Florists’ Newsletter.

A. L. Young & Co.
WHOLESALE FLORISTS
Choice Cut Flowers
54 West 28th St., NEW YORK
Prompt Payment. Telephone 3539 Madison St.

Frank Millang
Wholesale Florist
55-57 West 26th St., New York
Shipments, any quantity, Wholesale Market Rates.
Flower Market Reports.

(Continued from page 573)

been esamer but all are selling nicely. The cut of American Beauties is letting up somewhat. All the roses are good. White carnations are in a very heavy supply and consequently do not sell up as quickly as the others. The prices on all varieties. Chrysanthemums are in heavy supply. All the choicer and better varieties sell nicely if good and clean and not bruised. Estelle's have not sold this week. The supply is so large of last that the sales are not as noticeable as in the other varieties. Lilies, while not enjoying a good call, still are good property. Everything on the valley, double and local single violets, orchids and pansies sell quickly. There is a good market for greens.

DETOIT is busy, the demand is heavy. The annual experience for flowering indoor plants and the need for cool, crisp weather to become quick sellers is being proven again and the many rainy days and comparatively warm weather of the past week have kept the demand for flowers in general and chrysanthemums in particular far below the supply. Pompons appear to fare better than the large varieties, being very useful for table decorations.

NEW YORK mild weather continues to favor outdoor flowers—dahlias, cosmos and some chrysanthemums. The rose crop is not particularly heavy but demand lags; so, too, is the carnations—they are not even in fair demand. Violet shipments are light—the demand equally so. There is no brisk demand for anything, gardenias excepted because of light supply. Chrysanthemums are in full swing and command the situation. Prices on the better grades are, perhaps, not so high as a year ago but seem to equal on the medium grades. The early varieties, Polly Ross, Monterey, Cornelia, Early Snow and Pacific Supreme are by no means over. Bonnaffon and Appleton are here also, so taken altogether the supply is large and consider the general business conditions they are doing as well in price as could be expected. It would seem that there are just enough of cattleyas in the market and good flowers sell readily.

PHILADELPHIA What between baseball and bad weather it was a hard week for both the and the flower business. We have not had such a solid week of rain at this season for many years. There was very little business—and no chance at all—towards the end of the week—to work off the accumulations at any price. So the less said about the tragic third week of October, the better. Let us discuss the probable results of the creation as a diversion. At this writing, (Oct. 24), sun has been out two days, and the bad trend is at an end.

WASHINGTON the weather continues to be unsettled and comparatively warm for this time of the year. The market for roses is improving and the stock is coming in good. Locally-grown American Beauties were never better; Radances is all that its name implies; Mrs. Taft slightly more in demand than heretofore and Richmond coming in in considerably better shape. Lily of the valley is good going and are carnations. Pink and white still lead in sales although there is quite a little call for reds. Lilies are going slow, due to the fact that there are plenty of chrysanthemums of fine quality and in all the colors. Dahlias are of very good quality but are in little demand. Smilax is holding fire in the local market; adiantum is moving well and Asparagus plumosus is in good demand but Sprengeri is not being called for very much. There are plenty of Oncidium Rogersi on the market and the general demand for orchids equals the supply as is the case also with gardenias; in other words, there are just enough of each. Violets are coming in good.

The local market was ST. LOUIS in excellent condition all of the last week. The wholesalers were receiving daily a fine assortment, all of which had a fairly good demand, but not large enough to consume all the stock. Prices were not too high. Carnations are coming in much better of late.

Middletown, N. Y.—The business of Mr. Gilbert has been taken over by Jas. Lough of Staten Island, who will grow a general line of stock.

LOGAN, Ohio—J. Turner, of Pittsburg, has purchased the greenhouse of Isaiah Vous.

SPRINGFIELD, III.—A greenhouse will be opened here in the near future by W. Y. Perry and wife.

UPTON, Mass.—The Oak Grove Nurseries, L. C. Fiske, proprietor, have discontinued business.

Florence, Mass.—F. D. Keyes has finished his new greenhouse and planted it to a general line of stock.

MICHIGAN CUT FLOWER EXCHANGE, Inc.

WHOLESALE COMMISSION FLORISTS

Consignments Solicited

Hardy Fancy Fern Our Specialty

38-40 BROADWAY, DETROIT, MICH.

WILLIAM F. KASTING CO.

Wholesale Florists

383-387 ELLICOTT ST. • BUFFALO, N. Y.

NEW YORK QUOTATIONS PER 100. To Dealers Only

<table>
<thead>
<tr>
<th>MISCELLANEOUS</th>
<th>Last Half of Week ending Oct. 21, 1911</th>
<th>First Half of Week beginning Oct. 23, 1911</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cattleyas</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lilies, Longiflorum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lily of the Valley</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chrysanthemums</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daisies</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Violets</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gardenias</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asparagus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smilax</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asparagus Plumosus, string</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10' x 1' &amp; Spee. (100 Echts)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WILLIAM H. KUEBLER

Brooklyn's Foremost and Best

WHOLESALE COMMISSION HOUSE

A First Class Market for all CUT FLOWERS

28 Willoughby St., Brooklyn, N. Y.
Tel. 4681 Main

FLORISTS' HARD SUPPLIES

Dagger and Fancy Ferns, Moss
Galax, Laurel Roping, Southern
Smilax, Boxwood, Etc.

Hartford & McDonough

70 PEMBERTON SQ., BOSTON

IN THE SWIM

I must be in the swim,
You might forget my name,
And say that I am to blame,
If you do not get the best.


Send for Price List and order. For Christmas Trees now. GET THE BEST.


GREEN GALAX and Leucothoe Sprays

Green Galax, 83.50 per case of 10,000; 40. per 1000. All large sizes if preferred. A 1 stock only.

Green Leucothoe Sprays at lowest prices, according to lengths.

Terms: 2 per cent off for cash in 10 days from date of invoice, or net 30 days.

MT. MITCHELL DEC. EVERGREEN CO. • Harvard, N. C.
Buyer's Directory and Ready Reference Guide

Advertisements under this head, one-sent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages. Buyers falling to find what they want in this list will confer a favor by writing us and we will try to put them in communication with reliable dealers.

ACCOUNTANT
R. J. Dysart, 28 State St., Boston. For page see List of Advertisers.

ACHYRANTHES
Archyranthes, rooting cuttings: Metallicum, Lindenhof, Warszewicz, $5.00 per 1000; P. de Batby, $10.00 per 1000; 2 in., $2.50 per 100.

THE GEO. WITTMOLD CO., Edgebrook, Chicago, Ill.

ACERATUM
Ageratum, Stella Gurney, 2 in., Princess Pulpless, 2 in., $2.00 per 100.

THE GEO. WITTMOLD CO., Edgebrook, Chicago, Ill.

ALTERANTHIERS.
Chas. H. Totty, Madison, N. J. For page see List of Advertisers.

Alteranthera, rooted cuttings, Auae Nana, Brilllantissima, Paracynchoides Minor, $1.00 per 100.

THE GEO. WITTMOLD CO., Edgebrook, Chicago, Ill.

AMPELOPSIS
Ampeleopsis Veitchii, 1 yr. plants, $3.50 per 100.

Wm. Escher, 352 W. Milwaukee Wls.

ARACARRIAS.

Godfrey Ascnmann, 1012 Ontario St., Philadelphia, Pa. For page see List of Advertisers.


ASPARAGUS
A. N. Pienso, Inc., Cromwell, Conn. For page see List of Advertisers.

Asparagus plumosus seedlings, clumps, 2-in. and 3-in. plants, Write for prices. Peter Mack, Orlando, Fla.

Asparagus plumosus, 3 in., 6c; A. Sprenger, 6c; 5 in., 15c; Schneider, Florist, Springfield, Ohio.

Asparagus plumosus, 25-in., fine, cold fronts grown, $1.40 per 100; $25.00 per 1000. C. Wwinterich, Cyclamen Specialist, Independence Park, Philadelphia, Pa.

10,000 Asparagus plumosus, strong, bushy stock, from 3 in. pots, ready to shift, $3.50 per 100; 50 cents per 1000. C. G. Yost, Lebanon, Pa.

Asparagus Sprenger, extra strong healthy stock from 3 in. pots, $2.50 per 100, cash. No better stock ever offered for the money. O. B. Konick, 52 Alexander Ave., Belmont, Mass.

AZALEAS
P. Owerkerk, Hoboken, N. J. For page see List of Advertisers.

A. Leuty & Co., Rossville, Mass. For page see List of Advertisers.

BAY TREES
A. Leuty & Co., Rossville, Mass. For page see List of Advertisers.

Hobnack & Atkins, Rutherford, N. J. For page see List of Advertisers.

Bay Trees and Box Trees, all sizes 100, $10.00; 500, $50.00; 1000, $100.00. Cash with order. C. C. Yost, Lebanon, Pa.

Asparagus Sprenger, extra strong healthy stock from 3 in. pots, $2.50 per 100, cash. No better stock ever offered for the money. O. B. Konick, 52 Alexander Ave., Belmont, Mass.

CARNATIONS—Continued
200 Enchantress, $5.50 per 100; 200 Winson, $4.00 per 100. Field grown, best of stock. Lists on request. H. H. Reinhart, 2020 N. Iowa, Davenport, Ia.

Carnations—Field-grown, Enchantress, $1.00 per 100; white and pink Law- son, $4.00 per 100. Cash. M. J. Schauf, Dinsmore, Pa.

Carnations, field grown, plants, 500 Queen, 200 Lawson, 250 H. Penn. 100 Nelson Princess, $5.00 per 100. For the lot. Chas. H. Green, Spencer, Mass.

CARNATION STAPLE
Split carnations quickly, easily and cheaply molded. Flathers's Creation Staple, 2000 for $1.00 post paid. J. L. Plibuszry, Galesburg, Ill.

CHRISTMAS TREES—BABY SPRUCE
J. H. Smith, Hinsdale, Mass. For page see List of Advertisers.

CHRYSANTHEMUMS
Elmer D. Smith, Dunkirk, N. Y. For page see List of Advertisers.

Chrysanthemums, rooted cuttings, Mon- roe, Sally Rogers, Holly Avenue, B. O. Clay, Princess of Wales, $5.00 per 100; $50.00 per 1000. Chan. Leaker, Freeport, L. I., N. Y.

COCONUT FIBER SOIL
20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

COLETS
Colons, 2½-in. cuttings, Beckwith's Gem, Golden Redder, $6.00 per 100; 2-in., yellow, red and yellow, Beckwith, Golden Redder, Verschaffelt, $2.00 per 100. THE GEO. WITTMOLD CO., Edgwick, Chicago, Ill.

CYCLAMENS
Cyclamen—Best Varieties in different colors. 3 inch pots, strong plants, $10.00 each. 100, $90.00; 500, $45.00. M. N. Shudenshim Co., Rutherford, N. J.

CYCLAMEN GIANTIGE SEED
For page see List of Advertisers.

Cyclemns, our own own grown strain, selected from the very best and well built plants. Over 400 kinds, mixed, 100, $5.00 per 1000, nearly all sold out. August seedlings, $2.00 per 100; $10.00 per 1000. Can well be handled, $1.50. Plants, well set with buds, 4 in., $3.50; $25.00 per 100. Orders amounting to $10.00 or over, 10 per cent cash. If one of the many letters we received from satisfied customers, E. A. Hunter & Son, Niagara Falls, N. Y., say, "The plants are excellent, the finest we have ever had and if the seed this year be of the same quality, we will be perfectly satisfied." Our aim has been a well marked and generally sold, strain every season. Cultural directions with every order. C. H. Winterich, Cyclamen Specialist, Defiance, O.

DAHLIAS
Herbert, Acto, N. J. For page see List of Advertisers.

H. Vincent, Jr. & Sons Co., White Marsh, Md. For page see List of Advertisers.

H. Vincent, Jr. & Sons Co., White Marsh, Md. For page see List of Advertisers.


Dahlia, divided roots, from 1 to 3 eyes to the piece. Send for list and get the latest varieties. W. P. LOTHROP, Brock- ton Dahlia Farm, B. Bridgewater, Mass.

For List of Advertisers See Page 613
HORTICULTURE

October 28, 1911

DAHLIAS—Continued

FAST BRIDGWATER DAHLIA FARMS, 443, 445, 446. For your 1911 catalogue, send for Trade List to the Dahlia House, J. A. Alexander, East Bridgewater, Mass.

DAHLIAS NEW FOR 1911.

Doror, A. P., Mrs. P. Gardner Caswell, Golding, Wedding, New Century Dahlia, Big, 3-inch, and cutting Sower Dahlias. Write for surplus list and special prices. Peacock Dahlia Farms, Williams-


DAHLIAS.

Have a surplus of the following standard kinds:

White, Camelliflora, Henry Patrick.

Red, Hydrangea, Mr. Siller's Cut, Sower.

Yellow, Catherine, Clifford Brouton, New.

Red, H. Lydyard, Wm. Agnew, Indian Chief, Souv. Gustave de Donau, the best red for cutting. Send cash price on extra heavy field clumps good for cutting. 1.00 per dozen; 3.00 per 50; 5.00 per 100; 10.00 per 1000. Cash please.

W. N. Wheeler, Hocksville, Long Island, N.Y.

DAISIES.

Double Daisies (Bellis), mixed, nice plants, 5 inches, for 1000. M. B. Saunders Co., 25 Burnett St., Providence, R. I.

DECORATIVE PLANTS.


John Scott, Brooklyn, N. Y. For page see List of Advertisers.

w.

DRACAenas.

Dracaena Indica, line stock; 3 in., 5.00 per 100; 4 in., 8.00 per 100. Sable Bros., Fredonia, N. Y.

DRACAENA INDIVISA.

Strong plants ready for 5 in., $1.00 per 100. Vera L. Schirnoff, Erie, Pa.

EVERGREENS.

New England Nurseries, Bedford, Mass. For page see List of Advertisers.

Bobbokin & Atkins, Rutherford, N. J. For page see List of Advertisers.

L. FERNs.

A. Leathy & Co., Theodolindale, Mass. For page see List of Advertisers.


H. E. Harrow & Son, Whittam, Mass. For page see List of Advertisers.

John Scott, Brooklyn, N. Y. For page see List of Advertisers.


Frank Ochialli, 4911 Quincy Street, Cleveland. Ferns for Dishes. For page see List of Advertisers.

F. R. Pierson Co., 991 Tryon St., Richmond, N. Y. For page see List of Advertisers.

George A. Kuhl, Pekin, Ill. Ferns and Polyspores. For page see List of Advertisers.

Boston Ferns, 5 in., 6 in., 7 in., pots, $3.00, $5.00 and $9.00 a dozen. Andrew F. Peterson, South Lincoln, Mass.

Ferns, Handmade stock. Boston, Whitman & Harrington, 218, 219, 220. Eascultor 1,2,3,4,5,6, 4 in., 4 1/2, 5 in., 5 1/2, 5 3/4, 5 3/4. Sample sent for 25c. Satisfaction guaranteed. Ferns are grown on 50,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only. Schneider, Florist, Springfield, Ohio.

FERNS—Continued


Boston Ferns—6 inch pots, 55c, each, $4.00 per 100. Whitman Ferns, 4 inch, 25c, each; 50c, each, $2.50 per 100; 6 inch, 45c, each, $10.00 per 100, 7 inch, 60c, each, $10.00 per 100; 8 inch, 75c, each, $17.00 per 100. Ficus Elastica, 35c., 30c., and 25c. Cash please.

Queen of Bermuda, Lowther, N. Y.

FOR IMMEDIATE DELIVERY

WE OFFER

Adiantum Parryiense, 21/2 inch strong plants, $2.50 per 100; 4 inch, $4.00 per 100. This is a great bargain for staff of quality (we need them)

J. A. Petersen,

McHenry Ave., Westwood, Clarendon, O.

FERTILIZERS

20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

Pulverized Manure Co., 31 Union Stock Yards, Chicago, Ill. Wizard Brand Cow Manure. For page see List of Advertisers.


FVERYWER

Feverfew. Rooted cuttings, $3.00 per 100, or $8.00 per 1000. Adolph E. E. Koch, Nobsob, Mass.

FLORISTS' ENCYCLOPEDIA FREE


FLORISTS' LETTERS.

Boston Florist Co., 68 Pearl St., Boston, Mass. For page see List of Advertisers.

FLORISTS' SUPPLIES.

F. E. McCarthy, 334 Haywood St., Boston.

H. M. Robinson Co., 84 Prince St., Boston. For page see List of Advertisers.

M. Rice & Co., 1220 Race St., Dallas, Pa. For page see List of Advertisers.

Reed & Keller, 22d, 26t St., New York, For page see List of Advertisers.

H. Bayerdorfer & Co., 1129 Arch St., Philadelphia. For page see List of Advertisers.

S. S. Pennock Meenan, Philadelphia, Pa. For page see List of Advertisers.

FLOWER POTS

W. H. Eyer Co., Washington, D. C.


Hillinger Bros., Ft. Edward, N. Y. For page see List of Advertisers.

Syracuse Pottery Co., Syracuse, N. Y. For page see List of Advertisers.

Peter & Reed Co., Bridgeville, Pa. For page see List of Advertisers.

FORGET-ME-NOTS

Forget-me-nots, winter flowering, large clumps, to close out, $1.00 per 100. Plants from seed, 25c per 1000, Cash.

M. B. Saunders Co., 25 Burnett St., Providence, R. I.

GALAX

Michigan Cut Flower Co., 38 and 40 Broadway, Detroit, Mich. For page see List of Advertisers.

Kerran Co., New York. For page see List of Advertisers.

GERANIUMS.

R. Vincent, Jr. & Sons Co., White Marsh, Maryland. For page see List of Advertisers.

Geraniums, standard varieties, 25c-4c. In stock now.

Sahle Bros., Fredonia, N. Y.

Geraniums, S. A. Scott 25c per 100; 2 c., $2.00 per 100. THE GEO. WITTCOOL Co., Edgebrook, Chicago, Ill.

GLASS.

Boston Plate & Window Glass Co., Boston. For page see List of Advertisers.

Standard Plate Glass Co., Chicago. For page see List of Advertisers.

Sharp, Perrin Co., and Lamberger, St. Chicago. For page see List of Advertisers.

Parshley Bros., 324-334 Metropolitan Ave., Brooklyn, N. Y. For page see List of Advertisers.

Metropolitan Material Co., 1302-1402 Metropolitan Ave., Brooklyn, N. Y.


GLAZING POINTS.

H. A. Dreer, Philadelphia. For page see List of Advertisers.

Peek's Glazing Point. For page see List of Advertisers.

GNAPHALIUMS.

Gnaphalium Lauticum, cuttings, 2 c., $2.00 per 100. THE GEO. WITTCOOL Co., Edgebrook, Chicago, Ill.

GREENHOUSE BUILDING MATERIAL.

A. T. Stearns Lumber Co., Neposet, Boston. For page see List of Advertisers.

King Construction Co., N. Tonawanda, N. Y. For page see List of Advertisers.

J. C. Moninger, 117 East Blackhawk St., Chicago, Ill. For page see List of Advertisers.

Foley Mfg. Co., Chicago. For page see List of Advertisers.

Peek's Cypress Lumber Co., 69 Pearl St., Boston, Mass. For page see List of Advertisers.

GREENHOUSE CONSTRUCTION.

King Construction Co., N. Tonawanda, N. Y. For page see List of Advertisers.


S. Jacobs & Sons, 1500-51 Flushing Ave., Brooklyn, N. Y. For page see List of Advertisers.

GREENHOUSE CONSTRUCTION.

King Construction Co., N. Tonawanda, N. Y. For page see List of Advertisers.


HAIL INSURANCE.

Florists' Hill Asso, of America, J. E. Ester, Saddle River, N. J. For page see List of Advertisers.

HARDY FERNS and SUPPLIES.

Michigan Cut Flower Exchange, 25 and 40 Broadway, Detroit, Mich. For page see List of Advertisers.

The Kerran Co., New York. For page see List of Advertisers.

In writing to Advertisers kindly mention Horticulture.
Horticultural advertisement from a 1911 issue of Scientific American, featuring various nursery and seed companies advertising their products.
WASHINGTON NOTES.

Hans R. Schwartz, recently with Adolph Kaiser of Annapolis, Md., has entered the employ of J. H. Small & Sons.

Alexander B. Garden of Anastasia is very active in the campaign looking toward the permanent closing of all stores in Anastasia.

Mr. and Mrs. C. L. Jenkins last week celebrated their silver wedding surrounded by relatives, at their home in Suitland, Prince George County, Md.

Work on the new front which is being erected at the store of Z. D. Blackiston on Fourteenth street is progressing rapidly and upon completion the store will be one of the finest in the city.

The Washington Florists' Company, Thirteenth and F streets, N.W., are showing some very remarkable chrysanthemums and have a fine window display with arrangements the leaders. The background consists of a rustic arch from which is suspended varicolored pennants bearing the word "Washington."

Miss Florence McNelce, who was formerly connected with her mother, Mrs. George McNelce, in the florist business at 1019 1/2 Pennsylvania Ave. and Broadway, New York, and who was lately with W. J. Palmer & Son of Buffalo, N.Y., has entered the employ of F. H. Kramer and has been waiting on customers at the F street store.

O. W. D'Acorn of Congress Heights, D. C., has called upon the local police to assist in the recovery of five thousand tulip bulbs which were stolen recently from a barn on the premises of the Washington bulb Company of which Mr. D'Acorn is the manager. The bulbs are valued at $125 and a reward has been offered for their return.

There is another rumor rampant that Sc-Son of L. F. Kramer is about to tender his resignation to President Taft, this to be effective on November 15. Former Representative Scott of Kansas, who was chairman of the House committee on agriculture is mentioned as his successor. There has been no formal announcement and, perhaps, there will be none.

The department store of S. Kann & Sons Co., handsomely decorated this week with chrysanthemums and American Beauty roses and enormous quantities of greens, ferns and palms in honor of the firm's eighteenth birthday. In the center of the store is a large summer house completely covered with asparagus and other greens and gorgeous home-grown American Beauty roses. This is further set off by myriads of colored electric lights.

The central show-case contains long-stem Beauties. This display is a gift from the employees of the store and was furnished by Gude Bros., who also did the interior decorating. Kahn's store is not a small one by any means and the amount of cut flowers used runs away into the thousands.

CLARENCE L. LINZ

Fresno, Cal.—W. T. Kirkman, a local nurseryman, has purchased 120 acres of land near Borden, Fresno county, and it will be utilized as a nursery.
List of Advertisers

Horticulture

List of Advertisers (Continued)

See your dealer now, before he contracts for his goods, and urge him to get good up-to-date brands, containing 6 to 10 per cent. potash, and to carry POTA SH SALTS in stock.

There is profit in such goods both for you and your dealer.

You get more plant food for your money, your fertilizer is better balanced, your soil fertility is conserved, and your crops are larger and of better quality.

Potash Pays.

We will sell you or your dealer Potash in any amount from 200 lbs. up. Write now for prices and for free pamphlets giving just the facts you are looking for about improving crops and soils.

GERMAN KALI WORKS, Inc.
Continental Building, Baltimore
Monadnock Block, Chicago
Whitney Central Bank Building, New Orleans

POTASH

Direct from the German Mines

But it takes time to get it

GREENHOUSES BUILDING OR CONTAINED

PoulTRY and FRUIT REVIEW

A petition on the farm journal that reviews all poultry and fruit papers in the United States, will be sent on trial one year to all who send 16 cents, to pay wrapping and postage, any names of three fruit or poultry raisers.

THE REX COMPANY
HARRISBURG, PA.

SITUATIONS WANTED

FLORIST and LANDSCAPE GARDENER

wishes position on commercial or private place. 16 years of experience in Sweden and Germany. Able to take charge. For particulars address F. E., care of Horticulture.

SITUATION WANTED in Massachusetts by an all around Florist of over 25 years experience. Rose growing a specialty. Capable to take full charge. New in charge of large rose growing establishment. Reasonable wages and permanent position desired. Address M. L., care Horticulture.

FOR SALE

FOR SALE—Fresh from factory, new 10 x 12, 10 x 18, 10 x 24, double thick, A and B qualities. Market dropped. Now is the time to buy and save money. Parsheley Roe, Inc., 59 Montrose Ave., Brooklyn, N. Y.

GREENHOUSES PLANT—Two new houses, one 28 x 100, one 31 x 180, good-dwelling, sere land, 12 miles from Boston. Attractive neighborhood, close to R. I. station. Frequent trains to Boston every 15 minutes. Ill health cause of selling. Joseph Farrell, North Weir, Mass.

MISCELLANEOUS LANDSCAPE GARDENERS

Will find it to their interests to read PARK and CEMETERY and LANDSCAPE GARDENING, regularly. Some gardeners consider it the best journal on landscape gardening. Send 25c, for two copies and special offer to new subscribers. R. J. Haight, 153 so. Dearborn St., Chicago, HORTICULTURE.
THE NEW MINERAL FERTILIZER

Will produce
MORE and
LARGER FLOWERS
and of better color than any plant food ever put on the market.

Contains all of the original elements of virgin soil

The above cut shows hollyhocks, nine feet six inches high, with more blossoms and of better color than ever produced by any other fertilizer.

Write for catalogue and testimonials.

THE NEW MINERAL FERTILIZER CO.

19 EXCHANGE PLACE, BOSTON, MASS.

To-Bak-Ine Products Kill Bugs

You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free).

Use any form you choose but buy it of

E. H. HUNT, 131 N. Wabash Avenue, Chicago

The Best Bug Killer and Bloom Saver

For PROOF Write to

P.R. Palethorpe Co.

OWENSBORO, KY.

Imp Soap Spray

Clean and Odorless. Forms invisible film. Non-corrosive. Useful effective strength, one to thirty-two.

Single gallons, $1.50
In barrels, $1.00

Eastern Chemical Company
Pittsburg Street
BOSTON

Cattle Manure in Bags

Shredded or Pulverized

Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

The Pulverized Manure Company
Union Stock Yards
Chicago

Cocoanut Fiber Soil

is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

20th CENTURY PLANT FOOD CO.
27 Ocean St., Beverly, Mass.

Imp Soap Spray

Clean and Odorless. Forms invisible film. Non-corrosive. Useful effective strength, one to thirty-two.

Single gallons, $1.50
In barrels, $1.00

Eastern Chemical Company
Pittsburg Street
BOSTON

Wilson Plant Oil & Fertilizer Company
150 Nassau Street, NEW YORK CITY

Horticultural Supplies

_write for our special catalogue

Mastiga

FOR GREENHOUSE GLAZING

USE IT NOW.

F. O. PIERCE CO.
12 W. BROADWAY
NEW YORK

Mastiga is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

Rubber Stamps, Stencils

Seals, Steel Stamps, Hotel Baggage and Key Checks, Badges, Burning Brands, Pew Numbers, Numbering Machines, Check Protectors, Stencill Combinations, Steel Alphabets and Figures, Indelible Inks, Stencil Colors and Brushes, Door Plates, Rubber Type. Illustrated Catalogue of nearly 100 pages sent with first order or upon receipt of 5 two-cent stamps. Agents wanted.

THE REX COMPANY, Harrisburg, Pa.
KROESCHELL BOILER
Half the Coal and Half the Work.

"Your No. 13 boiler is carrying 25,000 sq. ft. of glass and I can keep it at 90 degrees in the coldest weather without any trouble. I have three other types of boilers also heating a range of 25,000 sq. ft. of glass, but the No. 13 Kroeschell Boiler only takes half the coal and half the work to get the same results."

J. G. FRISZ, Vinceennes, Ind., has the largest range of glass in Indiana devoted to vegetable forcing.

KROESCHELL BROS. CO., 466 W. Erie St., Chicago, Ill.

LOUISIANA RED CYPRESS
GREENHOUSE MATERIAL
STEEL GUTTERS, TRUSSES, PURLINS, PIPE FITTINGS, GLASS, PRIVATE AND CONSERVATORY WORK A SPECIALTY.
The Foley Manufacturing Co.
Western Ave. and 26th St., CINCINNATI

CYPRESS SASH BARS
32 feet or longer
HOT BED SASH
PECKY CYPRESS BENCH LUMBER
GREENHOUSES
ERECTED AND EQUIPPED COMPLETE IF DESIRED
Write for Circular "B" and Prices
The A. T. STEAKS LUMBER CO.
NEPONSET, BOSTON, MASS.

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOStON, MASS. 61-63 Portland St,

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS. CHICAGO, ILL.

ADVANCE APPARATUS
is made to suit any condition. If you have a greenhouse which requires special ventilation or one which you do not know how to ventilate properly, send us sketch or blue prints and we will give you our advice and figures.

Write for Illustrated Catalog and Prices
ADVANCE CO., - Richmond, Ind.

BOSTON PLATE & WINDOW GLASS CO.
Greenhouse Glass
GERMAN AND AMERICAN
2611 to 2617 A St. BOSTON to 22 Canal St

Greenhouse Material and Sash
Of Every Description
Get our Prices and Catalogue
S. JACOBS & SONS
1350-1385 Flushing Ave.
Est. 1781.
BROOKLYN, N. Y.

In ordering goods please add "I saw it in HORTICULTURE."
A REASON WHY HOUSE

The reason why that work room is so large and business like looking, in proportion to the size of the greenhouse is because the owner intends adding a large connected house alongside this one. It will be 300 or so feet long. It is a house planned with a reason—just as all houses should be planned. That's our way of doing it. Planning it with an eye for what the future may develop. Plan right—house right—heating right—and right price combined with pleasant dealing, makes a combination you can't beat—or equal. Write us.

Hitchings & Company  Spring @ Louisa Streets  ELIZABETH, N. J.

LILIUM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Liliiforum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 6-7 inch, as usually offered.

6-7 inch bulbs, 33s to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.
7-9 inch bulbs, 200 to the case, $18.00 per case; full thousand lots, $75.00 per 1,000.
9-11 inch bulbs, 100 to the case, $15.00 per case; full thousand lots, $175.00 per 1,000.

Ferns

We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersonii, 6-in. pots..........................................................$0.50 each
Nephrolepis Elegantissima, Piersonii, Bostoniensis, and Harrisii, heavy 8-in. plants..................$1.00 to 1.60 each
Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10-in. plants ............................2.50 each

F. R. PIERSON COMPANY,  Tarrytown-on-Hudson,  NEW YORK
**Primula pulverulenta**

The Finest Hardy Primrose in Cultivation
RICE FOR QUALITY AND PRICE

ANOTHER BARGAIN

That's how we keep growing. New Importation of Chiffon just arrived. At stock. Take advantage of our special offer.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price per Yard</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 inch</td>
<td>2 cents</td>
</tr>
<tr>
<td>6 inch</td>
<td>3 cents</td>
</tr>
<tr>
<td>10 inch</td>
<td>5 cents</td>
</tr>
</tbody>
</table>

All flower shades. White, Pink, Nile, Moss, Yellow, Blue, Scarlet, Lavender, Purple.

Average about 35 yards to piece.

* KATALOG for the asking.

The Leading Florists' Supply House and Ribbon Specialists

M. RICE & CO. 1220 Race Street PHILADELPHIA, PA.

Manufacturers—Importers—Originators

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS

Nurserymen and Florists Rutherford, N. J.

American Grown Roses

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens.

Write for Trade List. W. & T. SMITH CO. Geneva, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK

WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS A GENERAL ASSORTMENT OF Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our Illustrated and descriptive Catalogue for the asking.


Large Arborvitae, Hemlock and Norway Spruce. THE FINEST IN THIS COUNTRY. Also other large Evergreens. Some large deciduous trees and large shrubs. Evergreens with balls, State sizes in writing for prices.

THE F. E. CONINE NURSERY CO., Stratford, Ct.

John T. Withers, Inc.

Landscape Architect and Forester

1 Montgomery St., JERSEY CITY, N. J.

Tree Removal by Expert Operators.

Stereopticon lectures on Horticulture and Arboriculture.

Box Trees and other EVERGREENS for Tubs and Boxes.

Our Prices are Always Right—Catalog Free.

THE NEW ENGLAND NURSERIES, Inc.

BEDFORD, MASS.

DIRECT IMPORTATIONS

Bay Trees, Kastian, Azaleas, Valley Pips, Roses, Rhododendrons, Boxwood, Manettl, Evergreens, Jap. Lilies, Raffia, etc.

Nursery stock from France, Holland, England and Japan.

McHutchison & Co. 17 Murray St. New York, N. Y.

HOLLAND NURSERIES

Best Hardy Rhododendrons, Azaleas, Conifers, Clematis, H. P. Roses, Shrubs, and Herbaceous Plants.

P. Ouwinkel 514 San Rd., Waverlyton Exit, Y. C., R. J., Eaglewood, N. J.

Robert Craig Co.

ROSES, PALMS,

and Novelties in Decorative Plants

MARKET and 49th Streets, PHILADELPHIA, PA.
CANNAS
Owing to the unusual demand and general shortage of crop, we have already booked up on some kinds. Better get your order in early— send for list and prices. We have a good assortment at $2 per 100, $15 per 1000.

Dahlia Roots
We have a fine assortment of only good varieties in all classes which we offer at $5.00 per 100, $40.00 per 1000. Special prices on large lots.

GERANIUMS
A good assortment of novelties and standard varieties.

Double Petunias
Select stock, 3-in. pots at $3.00 per 100.

Lobelia
Kathleen Mallard, double blue, 2-in. $2.00 per 100.

Alternanthera
Jewell, 2-in. at $3.00, 3-in. at $4.00.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

NEW ROSES
Originated by Jackson Dawson
Lady Duncan, Dawson, Daybreak, Farquhar, William Egan and Minnie Dawson

WRITE FOR PRICES
We carry a very large stock of Fine Conifers, Deciduous Trees and Shrubs and Hardy Herbaceous Perennials

Send for our New Illustrated Catalogue

EASTERN NURSERIES
HENRY S. DAWSON, MGR.
JAMAICA PLAIN, MASS.

ROSES
OWN ROOT—FINE STOCK
Per 100
Richmond, from 3 in. pots . . . . . $6.00
Pink Killarney, Chatsenay, Sunrise, Sunset, from 3 in. pots . . . . . $6.00
Bride, Bridesmaid, Golden Gale. $5.50 or 1,000. $6.00

GRAFTED
Fine Stook, 3 inch pots
Pink Killarney, White Killarney, Bride, Bridesmaid, My Maryland.
$12.00 per 100

WOOD BROS., Fishkill, N.Y.

CARNATIONS
F. DORNER & SONS CO.
LA FAYETTE, INDIANA

Chicago Carnation Co.
30 E. Randolph St.
CHICAGO - ILLINOIS

SPECIAL ROOSEVELT FERNS
2½ in. stock, $2.50 per dozen; $17.50 per hundred; $25.00 per thousand; on all orders at once or book them for future delivery. Write for our list of hosta, Whitewater, American, Superwhitewater, Scottii, Sprengeri, Pinamoss, Stalder Hair and Small Ferns.

GEO. A. KUHL. Pekin, Ill.
In ordering goods please add "I saw it in HORTICULTURE."
SPECIAL NOTICE

The MacNiff Horticultural Co.
62 VESEY STREET, near Greenwich Street, NEW YORK

Wish to announce a special sale on Wednesday, November 1st, at eleven o'clock a.m., of Holland Stock, consisting of Roses, Rhododendrons, Evergreens, Magnolias, Azaleas, Hydrangeas, and a general assortment of Nursery stock. Also Decorative Palms, Ferns and Bulbs.

A SPECIAL OFFER
PAPER WHITE GRANDIFLORA NARCISSUS
1250 to case at $8.00 per 1000. Cash with orders.

R. W. MacNIFF, President and Auctioneer
LOUIS SCHMUTZ, Secretary

THE LATEST SILVER MEDAL ROSE

The new Sargent rose, originated by Jackson Dawson, now offered for the first time for fall 1912 delivery

This seedling combines the good qualities of R. Wichuraiana, R. Crimson Rambler and R. Baroness Rothschild which have been used in its evolution. The flowers are single, about three inches across, pale rose in color and produced in greatest profusion in pyramidal clusters all along the strong branches, blooming from the middle of May till end of June. The foliage is a beautiful glossy green and remains in good condition till late fall.

As this stock is limited book your orders early. $1.50 each

Eastern Nurseries, 1090 Center St., Jamaica Plain, Mass.
HENRY S. DAWSON, Mgr.

FOR COLD FRAMES

| STRAW MATS | 6 x 6 | $1.50, $17.00 doz. |
| BURLAP MATS | 6½ x 6½ | $1.20, $14.00 doz. |

WM. ELLIOTT & SONS, 42 Vesey St., New York

LOURARAIN BEGONIAS
Strong 2½ in. stock, ready for 3½ in.
Per 100, $16.00; 250 at $14.00 per 100.

THOMAS ROLAND, Nahant, Mass.

PRIMULA CHINESE
(New Christmas Red), 3-inch, 50 cents per 100; 2½-inch, 50 cents per 100.

FERNS FLATS

ROMAN J. IRWIN
3067 Broadway, NEW YORK, N. Y.

Prices Quoted in these columns are for Dealers Only. When writing to Advertisers please mention HORTICULTURE
Seasonable Notes on Culture of Florists’ Stock

CAMELIAS

To have these plants in good flower and shape by Christmas they should be moved into a house that stands from 48 to 50 degrees at night. Camellias cannot be hurried along by giving them heat, as they will not endure forcing without a heavy loss of buds. Admit with care daily sufficient quantities of fresh air to keep the temperature from running up too high; 60 or 65 is plenty, high enough with sunshine. Give them a spraying on all good days until the flowers begin to show color. Watering is a point in their culture which requires very careful attention, as neglect in this matter will result in failure. So go over them and see that the roots are in an even moist condition. Neglect in this matter even for a short time either by letting them become dry or to hate the soil in a soaking condition will bring down the buds and destroy all hopes of flowers. When they are in flower they will keep in a better shape if given a temperature of about 45 degrees at night with a liberal watering when they need it. When well grown these old favorites have but few equals among the ornamental greenhouse shrubs and they are rapidly regaining favor with the trade as small decorative pot plants.

CARNATIONS

The plants should now be well advanced in growth, but no matter how well a house may appear, there are usually a few plants that will be in a weak state. It is a good plan to dust a little air-slacked lime around where they are found: this will be a good guide when you are watering and at the same time will benefit the plant. Watch these weaker plants very carefully now as they require much less water than their more vigorous neighbors; by so doing you will gradually convert them into good stock. Varieties that have been yielding a continuous cut should have no excessive forcing to increase returns. Carnations do not show exposure to sudden changes in temperature as much as roses, but they are affected by it just the same. Ventilation will need a great deal of attention now, and with the variable weather we are bound to have it is better to raise and lower the ventilators gradually. This may necessitate more trips around your houses, but it will encourage increased vigor in your plants. Don’t overlook giving proper supports as sunlight is getting less each day now, and each growth should be kept in an upright position. If your plants are covered with buds and in good health, with small fibrous roots coming to the surface of the soil, a light mulch will do them good. Disbud regularly to one flower.

GARDENIAS

Gardenias that were set out in the benches early in the summer and given good care from the start should now be a thrifty lot of plants. To handle these plants is no easy task. They require continued watchfulness in ventilation, atmospheric moisture, watering, temperature and cleanliness. Now that we will have sharp, cold winds, cool and frosty nights, alternated with sunwarmed days, causing extremes in outside conditions, great care in ventilation will be needed to equalize as far as possible the temperature inside, which during sunshine can run up to 78 degrees, and at night stay at or about 68 degrees. Keep them sprayed on all good days and damp down the house two or three times a day for they like a superabundance of moisture in the air all the time. If they are allowed to suffer for the want of atmospheric humidity they will quickly drop their buds, but, on the other hand, never let it approach a point suggestive of humid stagnation. Examine your benches from time to time to ascertain the condition of the soil. While they should not become dry at the root, never let them get in an over-saturated state, but endeavor to keep the soil sweet and all will be well. Keep your plants clear of greenfly and mealy bug by frequent fumigation and careful syringing.

PANDANUS VEITCHII

Now that we can rely on more steady fire heat it is a good time to propagate a batch of these plants which by next winter, if grown right along, will easily reach a 5 or 6-inch pot. Plants that are throwing a number of side shoots can be relieved of these suckers. When they have gained some substance and size, they should be rubbed off close to the parent plant and placed in warm cutting bench. With proper moisture and some shade they will be ready to pot off in nine or ten weeks. Give them a house where the temperature is from 65 to 70 degrees at night with all the light possible and good amount of moisture and they will make rapid growth. Give all your pandanases a bench where they will have full sun where they will assume that intense coloring which is a decided feature in all well grown Pandanus Veitchii.

ODONTOGLOSSUMS

This is the best time for repotting or top-dressing these orchids, now that the warm weather is past, and the best general compost to use is a mixture of the softest part of fern fibre and sphagnum moss chopped up and well mixed together. A large number of odontoglossums will do well under pot culture, but those that have pendulous flower scapes or creeping rhizomes should be grown in baskets. From now on and during the winter the temperature should range from 48 to 50 degrees at night with the exception of C. citronium which should have from 8 to 10 degrees warmer. The day temperature for these orchids with sun should never rise much above 65 degrees as they grow better with this weak solar heat. Ventilation should be given at all times when possible, in greater or less quantity according to the outside conditions so as to keep the atmosphere from becoming stagnant. Care must be taken never to let the compost remain for any length of time in a dry state. Now that we have the cool weather which is suitable to their growth give them every attention. Keep your houses clear of slugs and snails as these are among their worst enemies.

PET ROSES

Roses that were grown during the summer either in the field or in pots will from now on require less water at the roots so as to ripen up the wood and give them a rest before they are started on their gradual stage of forcing, which should not begin before January. Lay the rose pots on their sides when there are heavy rains of too long duration. Leave them outside until they have had a few good frosts which are very beneficial for hybrid perpetuals, hardy roses, and ramblers. When the winter weather sets in they should be shielded so that the freezing and thawing will be so gradual that no harm will be done. A deep frame that can be covered is the best place for them.

John J. M. Farrell

Mr. Farrell’s next notes will be on the following: Annes Mollis; Gladiolus for Forcing; Lilium Multiflorum and Giganteum; Marguerites; Preparing Land for Next Year; Roman Hyacinths for Christmas.
New Plants from China

**Micromeles Folgeri**
A new hardy tree, allied to Sorbus, with corymbs of white flowers, followed by orange-red fruit. Leaf ovate-lanceolate, silvery-white on under side. Photograph of 9 year-old tree, 15 ft. high.

**Rhododendron Souliei**
A new Chinese species, having bright ivory-pink flowers flowering for the first time in Messrs. Veitch's Coombe Wood Nursery.

**Ampelopsis Megalophylla**
An extraordinary vine, with decomposed leaves like Aralia spinosa. 2½—3½ ft. across. Grows 10-15 ft. in a season and is perfectly hardy.
**Senecio Wilsonianus**

Flower bright yellow on spikes 4-5 ft. tall. A grand subject for planting sides of streams and ponds.

**Buddleia variabilis var. magnifica (Flowering Spray)**

A truly magnificent plant flowering in late August and September. The terminal inflorescences are 2-2½ ft. long densely studded with light violet-purple flowers. See Horticulture—Oct. 7, p. 494.

**Rehmannia angulata**

A greenhouse plant with ivory-pink flowers growing 6 ft. tall. The probable harbinger of a new race of spring flowering plants suitable for general decorative purposes.

We present these two pages of illustrations of new plants with the purpose of supplementing the earnest address by E. H. Wilson, which appears elsewhere in this issue. We have selected a tree, a vine, a shrub, an evergreen, a herbaceous plant and a greenhouse plant. To quote Mr. Wilson:

"If any of you take up six of the sixty enumerated here and do them justice, they themselves will force you to take up as many others as you can acquire."
The florist an authority? 

A correspondent in this issue reiterates the oft-repeated criticism of the lack of knowledge on the part of the average flower store salesman as regards the names of the flowers he sells. It is true that there are exceptions but in a majority of instances we think it will be found that our correspondent's statement is borne out. This is all the more regrettable because of the growing disposition of the public and of the newspapers to look to the florist for correct information on plant and flower matters. It was encouraging to note, a few days ago, where a prominent daily, having received an absurd sensational statement concerning a certain flower, published it with the comment that "the florists were inclined to brand the thing as a fake." It should be a matter of pride to the florist that the public should look up to him as an authority on horticultural matters instead of swallowing without question all kinds of nonsensical stuff as they have been all too ready to do in the past, and he should strive in every possible manner to make himself worthy of this very desirable and proper confidence.

The Rural New Yorker has been carrying on a vigorous denunciation of the middlemen and the system of marketing farm and garden product through this means. It may be very desirable that the producer and consumer of these goods should be brought more directly together and the Rural New Yorker may be justified in his contention that there are grievous wrongs in the prevailing system and that the cost of getting the farmer's wares to the public is out of all reasonable proportion to the price the farmer gets. On this question we are not well informed and so have nothing to say. But when our bountiful contemporary extends his attack so as to include the commission men in the cut flower business as it has in its latest issue, we are impelled to question its knowledge of that subject. Certainly some of the statements regarding the situation in the New York wholesale flower trade seem to be based on a misconception if not on absolute misinformation. The incentive to the establishment of cooperative selling of flowers, as we recall it, was not so much to put a stop to "the absorption of profits by greedy non-producers" (as the Rural New Yorker asserts) as it was to secure a slice of the reputed enormous profits of the retailers through the establishment of higher and more stable wholesale values. Whether this end was attained does not matter for now. It is an evident truth that "crop production without profitable manufacturing is labor thrown away," and that the legitimate function of the middleman is to serve producer and consumer as a medium through which maximum benefits can come to both. Whether this has or has not been fully accomplished in the New York flower business may also be a debatable question, but that a better method of marketing flowers in a community like New York, other than through an honest, capable and industrious commission dealer has yet been devised, we think will involve some difficulty in proving, while the direct implication of dishonesty on the part of the flower commission men as a class is nothing less than an outrage. Theory and conditions in business don't always fit together.

But we have faith that the seed now being sown will bear good fruit and look to see, as a result of the educational uplift now inaugurated, the coming to the front of men who will become illustrations as leaders and attain to exalted station in the annals of American horticulture.
Fruit and Vegetables under Glass

POT FRUIT TREES

Pot fruit trees of all kinds should now be thoroughly overhanded, pruned, repotted and prepared for winter quarters. Where a quantity of trees have to be dealt with it is best to erect a temporary potting bench in some convenient spot outside. The less the trees are shifted around the better at this time of year as the buds are easily rubbed off, especially so with peaches and nectarines. Carrying them to and from the potting shed, through doors, etc., is always to be avoided if possible; then again head room is often limited. All this can be alleviated by the erection of a temporary bench if sufficient trees are on hand to justify this little extra time being spent. A number of clean pots must be got together and properly drained; this is an essential point; later on in the growing season a water-logged pot is deplorable. The soil should consist of half-decayed loam, with plenty of lime rubbish or plaster broken up small, mixed into it. Pruning will be light if the trees were properly disbudded, but it will be wise to root them over, removing any wood which is too crowded and also any that may have died back. Trees which have had rims added to the pot to allow of top dressing will need to have these removed and the only disadvantage to them will be discovered viz., a quantity of surface roots will have found their way up and when it comes to repotting they are found to be too high. After throwing off the pot remove the old crooks and as much of the bottom soil as possible; shake off all the top dressing, carefully preserving all the fibrous roots and remove all the top soil you can. Trees that have made a quantity of roots will have to be given a shift, but do not give it unless absolutely necessary. If a sufficient quantity of the old soil can be removed from the ball to allow of its going back into the same size pot, put it back again. If a shift is necessary make it as small as you can for there is no advantage in rushing the trees on into very large pots or tubs. Proportionately no more fruit is obtained and they are more easily handled in a smaller pot. Trees have been known to grow in the same sized pots for years and carry a good crop right along. When potting, the soil must be worked down thoroughly and crammed firm between the ball and pot. This is sometimes a difficult job with only a small space to fill, nevertheless no holes must be left, in anticipation of the best results. Sufficient room must be left to allow of watering. Immediately after potting they should receive a good soaking and also be syringed over if fine. Should it be contemplated to leave them outside for some time, the pots should be plunged in leaves and covered over with straw manure to protect them from being broken by frost. If a cold house is available they can be transplanted to it right away and remain there until starting. Do not allow them to become dry or the flower buds are liable to fall.

MELONS FOR CHRISTMAS

Melons for Christmas now swelling must be kept going with a little feed. Keep the beds well moist, but avoid a continual sodden condition. This treatment will suit them until the fruit shows signs of ripening, when a little drier atmosphere and soil will be beneficial. With sunless days canker may attack some stems; cut away the dead leaves, also the first whorl of leaves as a preventive, but should the dread disease make an appearance, expose the affected part to all the sun and light possible and rub in fresh slacked lime. Dull warm days seem to invite canker sooner than anything. In the cold weather with plenty of fire heat little is seen of it.

Tomatoes in pots

Tomatoes in pots can be made quite a profitable crop. I would not advocate pot work where the plants can be grown on a bench with less trouble and equally good results, but there are times, when a bench cannot be given up to them and pots can be worked in successfully. One advantage of pots is that the plants can be potted up and made to occupy a small space for a time, then as chrysanthemums and other crops are cleared off they can be stood on the benches and receive no check. Younger plants can be planted on the benches but nothing larger than out of six-inch should be used. Varying sizes in pots are used for tomatoes. I have seen four nice fruits taken off a six-inch pot. A twelve-inch is the most suitable size. When potting into the final last-week few roots for top dressing, develop then a two or three brush of fruit have set. Plants growing in the benches and now having three or four fruits of suitable partly developed will be benefited with a top dressing of fairly rich soil.

CUCUMBERS

Cucumbers now cropping will need feeding. If surface roots are visible, add a top dressing containing some manure. Keep the young growth stopped at every third or fourth joint and where two or more fruits show at a joint reduce them to one. As the foliage becomes old and worn out cut it away and tie in young growths. Syringe whenever possible to keep off red spider which this plant is very susceptible to. Fumigate on the very first appearance of green fly.

Primula pulverulenta

Primula pulverulenta (see cover illustration.)

In habit and foliage this new Primula resembles the well-known P. japonica but has flower-scapes 3 ft. or more tall, each bearing 9 to 11 whorls of flowers. The individual flowers are a third larger than those of P. japonica, rich crimson in color (darker around the eye) and often twenty or more in a single whorl. The scapes are clothed with a white filiform (there the specific name pulverulenta) and it is this peculiarity together with its large better colored flowers and taller scapes, that gives this new comer the advantage over the old japonica. P. pulverulenta thrives under the same cultural conditions as P. japonica but will bear more sun than the latter species. It is a true perennial of vigorous growth and is well floriferous, remaining in flower for six weeks to two months.

A native of the Himalayan border-land between 6,000 and 9,000 feet altitude, Primula pulverulenta was discovered and introduced to Messrs. Veitch’s establishment by me in 1901.

The photograph, taken in 1905, is of one of the first plants to flower under cultivation.
Twelve years ago April 11th, last, I left England on my first trip to the land of new plants. Three other journeys have followed this first one. Fortune has invariably been kind. True, there have been setbacks and disappointments of macro and minor annoyances, but on the whole, good fortune has kept with me. The Botanical, Horticultural and lay press has been ever willing to publish material that is of most complimentary character. That grand old periodical, the Botanical Magazine, has, to date, figured no fewer than forty articles of my own to the credit of the three journeys; the Horticultural press, the Gardeners' Chronicle in particular, have figured many more than this number.

Corydalis thalictrifolia was the first of many new plants to be exhibited before the Royal Horticultural Society of London, on June 16th, 1892; their highest award—a first-class certificate of merit. Since that date this Society has given some sixty-three awards of merit and six gold medals. These awards are adjudged by competent and impartial critics and hallmark the plants they are given to. On this side, as far as my knowledge goes, one award only—a silver medal to Lilium Sargentianum last summer—has been given to these plants.

I give prominence to these facts, not in any spirit of braggadocio or conceit, but simply in order to lay stress upon the value the plants are possessed by them, across the water. In response to a request from our President, Mr. John K. M. Purshair, I am about to speak of these new introductions of mine and in so doing I will exhibit as much broad-minded impartiality as possible. In all earnestness, frankness, and sincerity, these remarks are conceived and I speak of things that are, as they are, drawing no fanciful pictures and spinning no "old traveler's yarn."

The first journeys were promoted by the nursery firm of James Veitch & Sons, London, England—a firm well known to you all and to every nurseryman by reason of its twenty-three years. Of the twenty-three travelers and collectors dispatched by this firm to various parts of the world, I was the last but one. Whilist the collecting work conducted and financed by this firm was promoted in the interests of true business, yet, and it cannot be denied, said, this firm has done more in the interests of true horticulture than any other firm or institution extant. With characteristic liberality, the directors of the firm, Mr. James Veitch and Mr. Arthur Veitch, like those of their other travelers, were business ventures, and we were still connected with this firm I should have been excused from giving publicity to this address.

My two last journeys were promoted by Prof. Charles S. Sargent, Director of the Arnold Arboretum, solely in the interests of scientific horticulture; they had no connection with business in any shape or form. Prof. Sargent had distributed the results of these expeditions with an open hand, wherever and to whomsoever he felt would take real interest in the matter, It is getting time now to take stock, investigate and evaluate.

I mention these facts in detail in order to emphasize that whether you or others take up, develop, and utilize the material I have brought to you and introduce—I shall not, benefit, primarily, a single cent. Beyond a real love for the plants themselves and a genuine desire to see them as widely cultivated and appreciated as they deserve to be, I have no interest whatsoever.

I admit my opportunities have been exceedingly limited, but in no single instance, in this country, have I seen the full justice done to these newcomers from China. Give a few of them the attention you lavish on your roses, carnations, lilacs, peonies, etc., and judge by results. Some will doubtless say: "It is all very well to talk of plants which thrive in England, but here we have a very different climate to contend with. Our winters are more severe, our summers hotter, the drought greater, etc." Admitted, but don't take a narrow view of things. Look at the range of climate you have in this vast continent. From northern Maine to southern Florida, from Boston to San Francisco, surely somewhere there are congenial spots for all.

As far as New England is concerned the question of these newcomers being able to withstand the severe winters is of course, paramount importance. Experiments alone can prove this, but I would point out the well-known fact of deciduous trees and shrubs from Japan and North China succeeding better here, around Boston, than in England. Give these newcomers from Western China a fair chance and they will win through, creditably enough. There are plenty of them to pick and choose from and if only 50 first-class plants win through, is the trial in worth the attempt? Now, suppose that out of the whole mass there are only a dozen equalling Berberis Thunbergii and Clematis paniculata, and the others prove of no benefit but a costly failure? Suppose we add only two good evergreens, has nothing been accomplished? Reduce the possible number of plants to the true rock proportions and it is obvious that the game is worth the candle!

Some may advance that stock arguments that we lack here an appreciative public. Nevertheless, this is a poor argument for business men to voice. Make your goods talk, as they have to in every line of business, bring your plants to you, and if they are worthy, the public will respond. The Arnold Arboretum gave you Berberis Thunbergii; H. Sargent, you Avenula Kaiberi and heathers of other notable plants; take up some more of its introductions; put your best work into them and let the proof of the pudding be in the eating.

Acting on a suggestion I published, in Horticulture, through the courtesy of the editor, our esteemed fellow member, Prof. Sargent, an article on a series of thirteen short articles, entitled Plant Novelties from China, commencing Jan. 1st, 1910. I have recently placed the editor concerning these articles with the result that, while they have elicited some favorable comment, yet neither he nor I feel that they have attracted anything like the attention the subject deserves. Tonight I therefore, try again.

Under ten different headings I propose to discuss very briefly, just sixty plants. I have here before you illustrations and photographs of the majority, and, save the herbs, through the courtesy of Prof. Sargent, dried specimens of the actual plants themselves.

Six Herbaceous Plants.

Asilbe grandis (5 to 6 ft. tall, flowers pure white), Senecio chlorophorus (1 to 6 ft. tall, rich golden-yellow flowers), Primula polyanthela (flowers rich crimson on stems 1 ft. to 2 ft. high), Arum pereirifolius (3 to 4 ft. tall, flowers milk white), Aconitum Wilsonii (6 to 7 ft. tall, flowers deep blue, opening in September), Paeonia Veitchii (12" to 1 ft., flowers deep red). Here are my six herbaceous plants, everyone of them perfectly hardy here in Boston, strong growing, free-flowering and vigorous in habit.

The first three are happiest when in close proximity to water—a stream or pond, or a slice of rank weeds is the ideal situation. The Aconite and Woodwardia require nothing more than the average herbaceous border affords but they should be kept away from the suffer from drought. The Pavonia requires only to be grown in the ordinary way of herbaceous perennials.

On the whole, these plants are already propagated by division. Grown singly as specimens, in small clumps or in masses they are fascinatingly effective.
Six Hardy Climbers.

There is an admitted scarcity of good, hardy, ornamental climbers—plants needed in every park and garden. Here are six: Clematis montana rubricaulis, a hardy, evergreen climber with large flowers, rose-purple to deep red (late May). Clematis montana Wilsonii (8 to 20 ft. tall, flowers white, July). Clematis nutans (10 to 15 ft. flowers, pale-yellow, September), Lonicera trilobata, (10 to 30 ft. tall, flowers yellow, June), Vitis davidii var. Velutina (10 to 20 ft. tall, stems spiny, leaves highly colored in autumn, Vitis davidii (4 to 10 ft. tall, leaves small with shining metallic lustre). For any and every purpose that woody-climbing plants are needed there is not a better substitute. The four flowering climbers each blossom in different seasons and collectively, span the whole summer and autumn months. The honeysuckle is best in partial shade, being a woodland plant, and does not like the knife. One and all are of simple culture, easily propagated from seeds or cuttings, by layering, and by budding.

Six Flowering Shrubs.

In recent years there has been an enormously increasing interest taken in outdoor horticulture generally and flowering shrubs have, at last, entered into their own, and deserve a better appreciation of their needs in the matter of pruning and planting for effect, they would give even better results than is commonly supposed. Some are as follows: of spring-flowering shrubs we are, fortunately, well supplied, but flowering shrubs in August and September are desiderata. The Dipsiteta is a new genus, allied to Dierelia. The above mentioned climbers, these shrubs require no special soil or situational care, and can be raised easily from cuttings and, save the heddleia, come true from seed.

Six Evergreens.

If there is one class of plants more badly needed here in New England than another, it is the hardy, evergreen broad-leaves and evergreens. In nothing is the poverty of the native flora or gardens more marked. Now broad-leaves evergreens need the rain for the areas of temperate climates and, in a general way, are always associated with woodland and forest vegetation. Drought, therefore, be caused by frozen streams or by lack of water in the soil, is deadly to them. It is not so much low temperature as the hot sun in March and April when the ground is frozen and the hot, dry summers that cause the deaths of these evergreens so difficult here in New England. By judicious care in planting, with especial reference to the matter of proper drainage, it is possible to de due to minimize these evils. Granted the exercise of these important details the following six are calculated to do well, and hopefully, the New England climate baa in store: Berberis Wallisii (true Chinese type, not the plant generally grown under this name, 18 to 20 ft. high, densely crowded with small spiny leaves), Viburnum rhododendron (5 to 8 ft. tall, flowers white, fruits black, leaves 6 inches long, wrinkled above, March), Lonicera nui- lida, (3 to 5 ft. tall, flowers small, creamy white, fragrant, fruits blue-purple, leaves small, shining green), Sambucus nigra (3 to 5 ft. tall, flowers inconspicuous, fruits dark red, foliage small, shining green), Stransvaesia undulata (5 to 10 ft. tall, flowers white in clusters to 5 inches across, fruits scarlet, leaves assuming fine crimson tints in late autumn and winter and retained until the next flowering period). These six are, for evergreens, fairly easily propagated by cutting and readily raised from seed. The Barberry is a particularly useful subject and will come handy for making hedges around houses, etc. Its dark green, stiff, leathery foliage, fringed by spiny bristles, is pleasing at all seasons.

Six Trees.

We are well off for trees, but in following six are particularly ornamental and superior to many of our native species. A graceful and elegant tree, 10 to 25 feet tall, with corbys of white flowers followed by orange-red fruits, leaves white on under side), Styxus hemispanus (26 to 46 ft. tall, flowers white, large, erect in racemes), Cornus Wilsoniana (20 to 40 feet, flowers white in corymbs), Davidia involucrata (50 to 60 feet tall, pyramidal in outline with two huge, white bracts sub-tending the flowers), Populus lasiocarpa (40 to 60 feet tall, with leaves 8 to 12 inches long, 10 inches wide—the largest leaved poplar known), Euonymus ulmoides (30 to 50 feet tall, the only hardy rubber producing tree in the world).

The Euonymus and Davidia are monotypes and two of the most interesting trees known to science. The Davidia, with its huge bracts, is the most striking and majestic of all trees in the temperate flora. A young tree, nine years old from seed, flowered in England this year for the first time; cut sprays were exhibited at the Temple of Flora and the plant was unani- mously awarded a first-class certificate of merit.

Six Conifers.

Western China is particularly rich in conifers, especially spruces and silver-fir. A great many are now in cultivation, but it is too early to speak of their being generally adaptable to cultivation generally. The following six are particularly handsome trees in their native haunts: Abies recurvata, Abies Fargesii, Picea complanta, Picea urupura, Pinus halepensis and Plinus Armandii. The last named is a white pine and has, for several years, been in cultivation with Mr. Walter Hunnewell at Wellesley and in the Arnold Arbourum. It is quite hardy, grows freely and is of course, to be a useful addition to the pineum.

Six Brambles.

A remarkable feature of the Chinese flora is its wealth in handsome ornamental brambles. Several of them are worth cultivating as a future source of new berries; others are valuable for their handsome foliage, white stems, and graceful habit: Rubus inomnominus (6 to 10 feet tall, fruits orange-red, 3 inches wide, of good flavor, ripe in September), R. ambivalis (4 to 6 feet, flowers large, white, solitary, fruit red, with splendid flavor, orange-red to pink in color), R. Miff (6 to 8 feet tall, stems pure white, bristly and very ornamental), R. plea- tis (5 to 8 feet tall, stems glaucous in winter, flowers orange, delicious flavor), R. Miff (6 to 8 feet tall, leaves three foliote on whip-like branches), R. flagelliformis (8 to 10 feet tall, leaves ovate with velvety margins, branches whip-like). The last two thrive best in shade, being woodland species.

Rhododendrons.

About one hundred and fifty species of rhododendron are known from China, and nearly a hundred of these are hardy in cultivation. How many will succeed here, around Boston, is a moot point, but surely an odd one or so may reasonably be expected to withstand. Rhododendrons vary from tiny shrubs, 6 inches to a foot tall, on the Alpine moorlands, to trees, in the forests depths 50 feet or more. The flowers are of every hue—yellow being amongst them, too. Rhod. micranthum has small tasses of Leda lime-yellow white flowers and promises to be hardy in the New England state and is a floriferous and pleasing shrub. R. flavidum and R. album are both small growing species (yellow-white blooms whip-like). The last two thrive best in shade, being woodland species.

Willows.

Willows are abundant in Western China and some of them are remarkably "unwillow-like". I have here specimens of two species. One, S. Bockii, is worth growing as an autumn flowering shrub. The catkins are white anthers in the male, borne on the flowers, which, in growth (an almost unique character) and in such profusion as to warrant its being classed as a shrub with orna- mental flowers. The female, however, is worth growing as a foliage plant! The largest leaf on the specim- nent before you measures, excluding the petiole, 3 inches in length and is 5 1/2 inches wide. Can you conceive any plant more unlike a willow than this one?

Hardy Orchids.

Some of you present make a specialty of orchids. Now China is really a country in developing the orchidaceae, although several fine Dendrobiums are found there, including one of the most popular of all, D. noble. Among the terrestrial orchids several very de- pributed occur. I would draw your
further south but it is worth the growers’ attention here. The large yellow flowers are borne axillary on the current season’s wood. Cuttings rooted in the spring are most likely to be of value, but it is not advisable to use old pots, as they will make nice stuff for table decoration in the winter months—January and February. The vine has five foliaceous leaves, some 5 inches long and 6 inches wide, with a pale white stripe down the primary and secondary veins. In the late autumn the green parts assume wonderful shades of red and scarlet if kept in a frost-proof greenhouse. Cuttings rooted in the spring and grown on in 6-inch pots will make plants, 4 ft. high, with masses of foliage. For decorative work at Thanksgiving and Christmas this plant has a great future before it. The New Zealand Lilies, the individual, is well known to you all. Clematis Armandii is a similar but better plant. Grow this newcomer in the same way as our old friend when planted underground and you have something worth while. There are two forms of this Armandii, one with white, the other with rosy-red flowers, both flower in March and April.

All these plants are of simple culture requiring only the ordinary attention of cool greenhouse plants. You should give them the best roots possible, feed them well, keep them near the light in winter and the results are assured.

With exception of the willows, Syr- rax Hemslcyaneus and five of the confers, the plants above mentioned are all purchasable or will be, in the near future. It would be easy to increase the number very considerably but time and space forbid. If any of you take up six of the sixty enumerated here and do them justice, they themselves will force you to take up as many others as you can acquire.

If you purchase a packet of seeds early in the year from a firm who are old, and they fail to germinate, dump off or die, you can, by purchase, obtain the same thing again with little trouble and can thus buy or ordinary plants the same obtains.

It is otherwise with plants culled from the wilds. The time and expense involved in obtaining new plants from remote regions are not the only reasons for taking good care of them when they arrive. I should like to draw your attention to a fact that few realize the seriousness of—and this has especial reference to trees. China is practically deforested and no attempt at reforestation is being made, which is a very serious matter.

The life of many species hinges on a comparatively small number of individuals and axe and fire play destructive parts. For twenty, or a hundred years may elapse before some of these rare trees and shrubs are again introduced to our gardens and the utopian dream of wiping out existence before the next collector has opportunity of visiting their present haunts.

Gentlemen, my task is done, I have spoken on what I think is of importance in B. variabilis, so the pinching back must be done early in the season. The flowers are delightfully fragrant and for cut flowers they are admirably suited. The Jasmine is fairly well known

BRITISH HORTICULTURE.

The Sweet Pea Trials.

The National Sweet Pea Society has recently published the official report of the trials of new varieties. A first class certificate has been awarded to Thomas Stevenson, sent by Dobie & Co., of Edinburgh, also to Barbara, sent by Robert Holmes, of Fuchsia Good Farm, Norwich, the raiser being H. A. Perkin, of Reigate, Surrey. The following is a list of varieties receiving awards of merit, together with the names of the senders: F. Seymour Davis—F. Seymour Davis, Barnham. Maure Queen—Dobie & Co., of Edinburgh. Blenheim—May Campbell—Messrs Dobie. Mrs. B. Gilbert—Gilbert & Son, Dyke, Bourne, Lincolnshire. The Committee of the Society has also approved a set of recommendations for the arrangement of the trials next year. It has been decided to have a duplicate set of trials on heavy soil at the Great Nicholls, north of London. The Floral Committee will pay one visit to each set, point each stock, and make its awards on the results thus arrived at. Under these conditions a scale of points will be prepared prior to the first visit, and all stocks obtaining a certain aggregate of points will receive options. The Committee has also rendered a useful service in preparing a revised list of up-to-date varieties, classified under their respective colors, and also a classification of decorative and cim- petals. Not more than one of the brack- eted varieties is to be shown on the same competitive stand at any of the Society’s exhibitions. With the help of this list the correspondents of the Sweet Pea Society may find it worth while to put in a few of these new sorts at the next show, and the Society hopes to announce a duplicate set of trials on heavy soil.
MORRIS COUNTY GARDENERS' AND FLORISTS' SOCIETY.

The sixteenth annual flower show of this society was held in Assembly Hall, Madison, N. J., Oct. 26 and 27, and in addition there was held the annual convention of the National Garden and Florists' Association, which were entertained at a banquet in the evening which altogether made it a memorable event in the horticultural history of the thriving little city. Madison is known the world over as the glass-covered rose garden of New Jersey and before those gigantic western establishments were brought into being Madison held the undisputed reputation of having the greatest area of rose houses in the universe. Naturally in such a place one would only expect to see a great and grand showing of roses on exhibition on such an occasion as this but for some reason there was not much more than the usual and the showing was not at all up to the usual show. The show as a whole was exceptionally fine, magnificent blooms most artistically arranged. It was all clean, every leaf, every stem, every variety served much credit. It does one good to visit Madison and meet the progressive men who do so much to advance the cause of horticulture. - L. H. Coddington.

Totty Wilde, concerned Smith, Dryden, Assembly lria Wldener, H. R. Behre, chrysanthemum western F. Richmonds— Mc– J., Totty. is certificate C. vi II. I'. L. Syme, vases Wldener, W. different Mrs II. was rod a 190. varieties, J. varieties— orchid Tuxedo Syme: Wldener, Mandn's Cook-.Mrs. II. flowers, having varieties a Totty, Nelpp A. Tunes Willis flowers, square Coddington, for Richmonds S Barbanes, II. flowers, of I). this Nelpp. flowers, Willis 50 Kahn. Hamp- members Coddlneton, tine & J., son, the seedling Viger, 24 ly, to which season. of ing show. It was shown. such the gardenersgrandeur and credit. It was the largest show in the whole world. It was won in the exhibitions held in the new rose house. It was doubled in size over last year. The greatest credit is due to the members and officers of the society, and in particular, Mrs. J. W. Syme and Mrs. H. H. Kahn, who are most to be commended for the devotion and competence of their efforts. It was arranged by Mr. D. H. McAlpin, 1st: D. H. McAlpin, 2nd: Mrs. Strauss, 3rd: Mrs. H. B. Coburn.

Group of chrysanthemums and foliage plants arranged for exhibition on 50 square feet. Coddington, H. H. Kahn, 1st; Robert Barbank, 2nd; Arthur T. Roddington, 3rd.

1st: Mrs. J. W. Syme and Mrs. H. H. Kahn, 1st; Robert Barbank, 2nd; Arthur T. Roddington, 3rd.

1st: Mrs. J. W. Syme and Mrs. H. H. Kahn, 1st; Robert Barbank, 2nd; Arthur T. Roddington, 3rd.

Carnations.

25 pink– Mrs. D. Willis James, 1st with Mrs. C. W. Ward; P. A. B. Widner, 2nd; D. H. McAlpin, 3rd.

25 white– P. A. B. Widner, 1st with White perfection, G. H. Nolb, 2nd.

25 red– G. F. Nelp.

25 any other color– Mrs. D. Willis James, 1st with Mrs. C. W. Ward; P. A. B. Widner, 2nd; D. H. McAlpin, 3rd.


25 white– Mrs. D. Willis James, 1st with White perfection, G. H. Nolb, 2nd; D. H. McAlpin, 3rd.

25 red– Mrs. Cromwell, 1st with John Watson.

25 any other color– Mrs. Cromwell, 18 blooms, any undiscounted variety– Wm. H. Duckham, 1st with a fine large variety– H. H. Kahn, 2nd; H. B. Coburn, 3rd.

Balsam, Riedel & Meyer prize, best 25 blooms, single stem– Mrs. D. Willis James, 1st; J. C. Brown, 2nd; Double violets– Richard Langhle, White Plains, N. Y.

Roses.

1st: Mrs. J. C. Brown, 1st; Richard Langhle, White Plains, N. Y., 2nd.

1st: Mrs. J. C. Brown, 1st; Richard Langhle, White Plains, N. Y., 2nd.

Group of chrysanthemums and foliage plants arranged for exhibition on 50 square feet. Coddington, H. H. Kahn, 1st; Robert Barbank, 2nd; Arthur T. Roddington, 3rd.

1st: Mrs. J. W. Syme and Mrs. H. H. Kahn, 1st; Robert Barbank, 2nd; Arthur T. Roddington, 3rd.

1st: Mrs. J. W. Syme and Mrs. H. H. Kahn, 1st; Robert Barbank, 2nd; Arthur T. Roddington, 3rd.

1st: Mrs. J. W. Syme and Mrs. H. H. Kahn, 1st; Robert Barbank, 2nd; Arthur T. Roddington, 3rd.

1st: Mrs. J. W. Syme and Mrs. H. H. Kahn, 1st; Robert Barbank, 2nd; Arthur T. Roddington, 3rd.

1st: Mrs. J. W. Syme and Mrs. H. H. Kahn, 1st; Robert Barbank, 2nd; Arthur T. Roddington, 3rd.

1st: Mrs. J. W. Syme and Mrs. H. H. Kahn, 1st; Robert Barbank, 2nd; Arthur T. Roddington, 3rd.

1st: Mrs. J. W. Syme and Mrs. H. H. Kahn, 1st; Robert Barbank, 2nd; Arthur T. Roddington, 3rd.

1st: Mrs. J. W. Syme and Mrs. H. H. Kahn, 1st; Robert Barbank, 2nd; Arthur T. Roddington, 3rd.

1st: Mrs. J. W. Syme and Mrs. H. H. Kahn, 1st; Robert Barbank, 2nd; Arthur T. Roddington, 3rd.
the use of painted woodland scenery on the "Hunting" stage, and this well arranged group of plants blended thereto, gave a most pleasing effect. Unfortunately Tarrytown, although a large community, showed not over 100 blooms, which was quite large enough for this society's exhibitions. Many classes for plants must necessarily be left out. All the exhibition flowers were from greenhouse plants and vegetables both terraced empty tanks and shouted in every language for cooks. It was pretty hard to stand near the fruit tables and keep memory to one's self "Thou shalt not steal."

**Prize List—Chrysanthemum Blooms.**

<table>
<thead>
<tr>
<th>Prize</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>For the most effectively arranged table of decorative plants was captured by Robert Angus, first, and George Middleton, second. A very large number of blooms were brought. The arrangements were highly colored,创造性, decorous, etc., all their colors.</td>
</tr>
<tr>
<td>2nd</td>
<td>For the most effective arrangement of decorative plants captured by John Canning, first, and Gladys Hope, second. The arrangements were very effective, colorful, and carried out with great skill.</td>
</tr>
<tr>
<td>3rd</td>
<td>For the most effective arrangement of flowering plants captured by Wm. H. Pullan and W. Brown, first, and George Middleton, second. The arrangements were very effective, colorful, and carried out with great skill.</td>
</tr>
</tbody>
</table>

**Prize List—Orchids.**

<table>
<thead>
<tr>
<th>Prize</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>For the most effective arrangement of flowering plants captured by Robert Angus, first, and George Middleton, second. A very large number of blooms were brought. The arrangements were highly colored,创造性, decorous, etc., all their colors.</td>
</tr>
<tr>
<td>2nd</td>
<td>For the most effective arrangement of flowering plants captured by John Canning, first, and Gladys Hope, second. The arrangements were very effective, colorful, and carried out with great skill.</td>
</tr>
<tr>
<td>3rd</td>
<td>For the most effective arrangement of flowering plants captured by Wm. H. Pullan and W. Brown, first, and George Middleton, second. The arrangements were very effective, colorful, and carried out with great skill.</td>
</tr>
</tbody>
</table>

**Prize List—Fruit.**

<table>
<thead>
<tr>
<th>Prize</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>For the best exhibit of fruit captured by Robert Angus, first, and George Middleton, second. A very large number of blooms were brought. The arrangements were highly colored,创造性, decorous, etc., all their colors.</td>
</tr>
<tr>
<td>2nd</td>
<td>For the best exhibit of fruit captured by John Canning, first, and Gladys Hope, second. The arrangements were very effective, colorful, and carried out with great skill.</td>
</tr>
<tr>
<td>3rd</td>
<td>For the best exhibit of fruit captured by Wm. H. Pullan and W. Brown, first, and George Middleton, second. The arrangements were very effective, colorful, and carried out with great skill.</td>
</tr>
</tbody>
</table>

**Prize List—Flowers.**

<table>
<thead>
<tr>
<th>Prize</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>For the best exhibit of flowers captured by Robert Angus, first, and George Middleton, second. A very large number of blooms were brought. The arrangements were highly colored,创造性, decorous, etc., all their colors.</td>
</tr>
<tr>
<td>2nd</td>
<td>For the best exhibit of flowers captured by John Canning, first, and Gladys Hope, second. The arrangements were very effective, colorful, and carried out with great skill.</td>
</tr>
<tr>
<td>3rd</td>
<td>For the best exhibit of flowers captured by Wm. H. Pullan and W. Brown, first, and George Middleton, second. The arrangements were very effective, colorful, and carried out with great skill.</td>
</tr>
</tbody>
</table>

The fruit and vegetable classes were well filled. George Wittling, A. Macfarlane, W. R. Donaldson, and John Canning, first, and Gladys Hope, second, won second and third in this class.

**Prize List—Orchids.**

<table>
<thead>
<tr>
<th>Prize</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>For the best exhibit of orchids captured by Robert Angus, first, and George Middleton, second. A very large number of blooms were brought. The arrangements were highly colored,创造性, decorous, etc., all their colors.</td>
</tr>
<tr>
<td>2nd</td>
<td>For the best exhibit of orchids captured by John Canning, first, and Gladys Hope, second. The arrangements were very effective, colorful, and carried out with great skill.</td>
</tr>
<tr>
<td>3rd</td>
<td>For the best exhibit of orchids captured by Wm. H. Pullan and W. Brown, first, and George Middleton, second. The arrangements were very effective, colorful, and carried out with great skill.</td>
</tr>
</tbody>
</table>

The fruit and vegetable classes were well filled. George Wittling, A. Macfarlane, W. R. Donaldson, and John Canning, first, and Gladys Hope, second, won second and third in this class.

The prize for the best exhibit of flowers captured by Robert Angus, first, and George Middleton, second. A very large number of blooms were brought. The arrangements were highly colored,创造性, decorous, etc., all their colors. |

The prize for the best exhibit of orchids captured by Robert Angus, first, and George Middleton, second. A very large number of blooms were brought. The arrangements were highly colored,创造性, decorous, etc., all their colors. |

The prize for the best exhibit of orchids captured by John Canning, first, and Gladys Hope, second. The arrangements were very effective, colorful, and carried out with great skill. |

The prize for the best exhibit of orchids captured by Wm. H. Pullan and W. Brown, first, and George Middleton, second. The arrangements were very effective, colorful, and carried out with great skill. |

The prize for the best exhibit of orchids captured by Robert Angus, first, and George Middleton, second. A very large number of blooms were brought. The arrangements were highly colored,创造性, decorous, etc., all their colors. |

The prize for the best exhibit of orchids captured by John Canning, first, and Gladys Hope, second. The arrangements were very effective, colorful, and carried out with great skill. |

The prize for the best exhibit of orchids captured by Wm. H. Pullan and W. Brown, first, and George Middleton, second. The arrangements were very effective, colorful, and carried out with great skill. |
Three Specimen Carnations—Anthemis Plants.

Mrs. J. E. Parsons, Specimen Plant—R. Spiders. Twelve Single-stem Plants.

Mrs. M. G. Jenkins, of S. E. Twentysix Exemplification by Hollywood.


As usual a very keen competition took place in the vegetable classes. The specimens shown were all well up to the high-class Lenox standard. The judges had their hands full, and while some of the vegetables were only nine points between the first and second prize in the class for eighteen varieties, and fifteen in the class for twenty varieties.

W. S.


In connection with the 16th annual exhibition of the Morris County Gardeners' and the Gardeners' Society a session of the Gardeners' Association of America was held in the lecture room.

This association was incorporated under the laws of the State of New Jersey in July last and the annual convention was held on Friday, October 27, during the flower show at Madison, N. J. It was well attended and great interest was taken in all the proceedings. The lengthy constitution and by-laws were read and adopted and letters were read from the Mayor and Board of Trade of Buffalo, N. Y., inviting the association to meet in that city next year. Mr. J. Downing, president of the Morris County Gardeners' and Florists' Society, welcomed the assemblage to Madison and expressed hopes for the future of the organization. The officers resulted in having for president, Thomas H. Logan, Jenkintown, Pa.; first vice-president, Martin E. Tillett, Great Neck, L. I.; second vice-president, W. B. Bean, Passadena, Cal.; secretary, M. C. Ebel, Madison, N. J.; treasurer, R. H. Caverly, Lowell, Mass.

J. Otto Thilow made an eloquent address. He spoke in support of the proposition to widen the scope of activity of the Gardeners' Association and gave great credit to the influence of the private estates, public parks, school gardens, embellishment of factory grounds, etc., in the advancement of horticulture in this country. He said that the demand for gardeners of ability is increasing rapidly and wonderful opportunities are now in sight for able men. In Europe they have reached the stage of civilization where they cannot do without flowers and vegetables, and in this land of homes, are progressing in the same direction. The gardener should now assume a more aggressive stand and not keep himself, to a large extent, in the background of his efforts. He is needed more than ever. In his able words, he said:

"Be earnest; be enthusiastic; drill and sing horticulture into the ears of the people. He closed with an urgent plea for the prevention of further forest destruction.

J. K. M. Farquhar was the next speaker, his topic being the "Gardeners' Organization Suggested Today"—such an opportunity, Mr. Farquhar declared, as had never occurred in this or any other country. The gardener, he said, is to occupy a higher position, with recognition and responsibilities more in keeping with his services. He would have the gardener prepare for this by making himself master of his calling. The college faculty of the Morris County Horticultural Society is the most important at the present time. Too many of the craft are deficient in knowledge of essential mathematics. Too many of the gardeners being supplied by students with a college-acquired scientific education, but lacking horticultural knowledge, will not be acceptable to the public. The gardener should know soil constituents, the fundamental requirements for tree growth and vegetable culture; should have an all-round equipment in the use of hardy perennials and shrubs, laying out and developing grounds, the use of the level, the making of drains and care of lawns, plant physiology, entomology, the forcing of fruit and vegetables under glass, and the care of cattie plants and flowers. The "tree doctor" is an encroachment on the gardeners' domain which the gardener should by his own knowledge and ability to repel and a little proportion of the landscape architects are equally superfluous. The gardener should be in a position to do all these things and be able to do them so well that he would come to him for counsel in all such operations instead of depending upon book- taught interlopers for advice on garden and landscape matters. It is time to ascertain to assert the gardener does not understand. "Learn, learn, learn," was the burden of Mr. Farquhar's appeal and it made an almost sensational impression upon his audience.

C. H. Totty then addressed the Association on the subject of the "Proposed New Edition of the Gardeners' Manual," in New York, in 1913, Its Alms, and the Gardeners' Duty and Privilege in the Great Enterprise." Everything should be done to keep the gardeners of the great movement to induce the people to have their own home, own flower garden, own fruits and vegetables. The gardeners' power for good in this great upward movement is incalculable. The flower show can be made to do much effective work to this end. The gardeners should enthusiastically support the S. A. F. and personally as well as in their organized capacity cooperate with the S. A. F. in its commendable project.

Wm. J. Stewart, John Young and W. E. Fowler were also called upon and gave unstinted approval to the sentiments expressed by the previous speakers.

The following adjournment: the members and visitors were invited to dinner at the American House, after which speeches were again in order. J. Austin Show complimented the Morris County organization on the success of its exhibition and predicted an unprecedented display at the National Flower Show in New York. "Baby" Foley from Chicago avowed he was celebrating his birthday and removed his coat for greater freedom as he addressed his audience as "the gardeners' guardians" and "the guardians of the gardeners"—a most unexpected performance. Closing the session, E. O. Orpet spoke interestingly of his experiences in gardening in the west. H. A. Bunyard said that the Gardeners' Society must take care of its own business as a gardeners' organization and leave the general field to the Society of American Florists. M. C. Ebel, R. M. Schultz and C. H. Totty were then elected president of the Morris County Horticultural Society.

Other speakers were J. H. Pepper, Wm. J. Stewart, Joseph A. Manda and Rob. Bottomley. The evening closed with the singing of "Auld Lang Syne."
Pavilion is virtually a Crystal Palace, so situated that thousands of people can visit it. The dates are January 19, February 12, March 25 to 27, April 25, and May 23 at 25 cents straight, no cuts. The roses and cacti will occupy the floor and the sides will be well decorated. Chicago will be represented and Canada will be present, Liverpool is to be at Detroit is very tempting and with R. R. facilities unsurpassed. At Boston last spring it was noticeable that no matter what the other attractions, the crowd surged toward the roses every day the show was open.

President Farewell has called a meeting to determine the price list and as soon as completed the same will be sent out without delay. The Rose Society is making an effort to secure a list of accurate registrations and there arises from time to time conflicting claims as to priority of names. Silver medals have been sent to Robert Scott & Son, Sharon Hill, Pa., and to S. J. Reuter & Son, Westerly, R. I. A gold medal was voted to M. H. Walsh of Woods Hole, Mass., in recognition of the work done by him in the development of clustering roses, a line of floriculture that has taken hold of the American public for summer decoration in a manner that is visible the country over. Attention is called to the motto "A Rose for Every Home, a Bush for Every Garden." BENJAMIN HAMMOND, Secretary.

Fishkill-on-Hudson, N. Y.

CHRYSANTHEMUM SOCIETY OF AMERICA. Work of Committees.

Cincinnati, Ohio, Oct. 21—Alice Solomon, color white, exhibited by the E. G. Hill Co., Richmond, Ind., Commercial scale: Color 13, form 12, fullness 8, stem 15, foliage 12, substance 10, size 5, total 83.

New York, Oct. 21—Jeanne J., color white, bush tint, exhibited by Alfred J. Loveless, Lenox, Mass., Commercial scale: Color 9, form 12, fullness 10, stem 12, foliage 14, substance 11, size 6, total 73.

Reports of examining committees C. S. Smith, Secretary.

Chicago, October 28. Arthur Orr, lemon yellow, Inc.; scored 81 points; exhibited by Peter Schilt, Evanston, Ill.


Cincinnati, October 28. Pink Gem, pink, Inc. 87 points; exhibited by Chinard, D. Mich.


Cincinnati, October 21. Mrs. Bartlett E. Hayward, pink Inc., scored 85 points; exhibited by G. A. Lotze, Glen Burnie, Md.

H. W. JOHNSON Sec'y.

A REUNION PLANNED.

It is the wish of many of the members of the old New York Gardeners' Society to havie a small and much to encourage horticultural shows and societies many years ago in New York and surrounding towns that a reunion of the "Old Guard" gardeners and friends should be held this winter in New York City. Would be glad to hear from all of them on the matter. Address J. F. Remon Donlan, care Walter F. Sheridan, 133 West 28th St., New York City.

THE PHILADELPHIA SHOW.

The Pennsylvania Horticultural Society is making a special effort to put up big shows for the next few years. Some time since, a joint committee with this end in view was appointed by the society and the Florists' Club of Philadelphia. This committee has been at work for a few months and has worked out an exhibition of this committee and that assures plenty of activity of the kind that counts. The cooperation and support of the commercial interests and those who have novelties or anything of special value or interest either in chrysanthemums or anything else are urged to send them, to arrive at Horticultural Hall, Philadelphia, by Tuesday morning, November 7, and they will be properly cared for.

PERSONAL.

J. Chas. Murphy has finished his new addition to his plant.

Joseph E. Rolker, of August Rolker & Sons, New York, is now in Europe on a business trip.

J. Max Nitzsche, formerly with J. J. Habermehl's Sons, Philadelphia, is now with Sidney Hoffman, 61 Massachusetts avenue, Boston, Mass.

Charles E. Greening, of the Greening Nursery Co., Mount Hope, Mich., has operated on for appendicitis on October 20. At last reports he was rapidly recovering.

Mr. and Mrs. Otto A. Asperger of Philadelphia, Pa., and Indianapolis, Ind., are, in the east on their wedding trip and when in Philadelphia were guests of Mr. & Co.

Harry Thorne for the past two and half years employed in the greenhouses at the home of Mr. & Mrs. Newton W. Aldrich, has been appointed head gardener to F. F. Peabody, Albany, N. Y.

H. E. Bates of the King Construction Co. and Miss Jean Hay Hoye of Wayne, Pa., were married September 7, at Wayne and have just returned from their wedding trip to the Weirs, Lake Winnipesaukee, N. H. Mr. and Mrs. Bates are now at Washington Heights, New York City.

J. Ames Fraser for some years assistant gardener at the H. McK. Twombly estate, Newport, R. I., is now located at the home of Dr. and Mrs. S. C. Baker, Philadelphia, Pa. Mr. Fraser is succeeding his late father in the florist business and John Booth, formerly at the Thayer estate, Lancaster, Mass., has succeeded Mr. Fraser at the Twombly place.


DURING RECESS.

Chicago Bowling, Oct. 25.

ORCHIDS.

VIOLETS.

Hueber 131 182 191
Bergman 172 191 222
Gay 171 199 235
Deegan 137 182 149
Whistle 171 193 326
Furley 131 184 186
Olsen 173 185 181
Zeck 121 184 190
Fram 182 191 340

ROSES.

CARNATIONS.

Goerisch 186 121 178
Lerman 126 141 147
Hinconia 121 176 165
Belling 140 148 203
Stack 169 174 178
Whtle 90 111 129
Lancroft 140 146 142
Wolfe 117 165 163
A. Zech 170 169 160

New York Bowlers.

A meeting of the Florists' Club bowlers was held on the alleys 31st Street and Broadway, on Friday night, last and it was decided to meet thereafter at 7:30 on Friday nights instead of 6:30. The principal scores of the evening were:

Scott 122 176 141
Young 128 141 128
Holt 123 137 140
Rickards 161 165 160
\textit{Wethered} —— 95

The next meet will be on Monday, Nov. 20th.

CINCINNATI BOWLING SCORES.

Horning, 171 144 200
C. Hoff, 145 146 143
Smythe 173 153 100
S'man 147 167 128
A'the 146 177 142
Ex. A. 124 190 128
W.S'man, 211 148 150
Cheit 192 214 197

BOSTON FLOWER EXCHANGE.

The annual banquet of the Boston Flower Exchange, Inc., was held at Young's Hotel on October 28 at 8 P. M. About one hundred stock holders and guests were present and it was a very pleasant enjoyable affair. Wm. C. Stickle presided and proved, as usual, a very witty toastmaster. Among the speakers were J. T. Butterworth, Thomas Pegler, Wm. H. Elliott, A. C. Parker and W. J. Thurston. W. N. Craig and Robert Cameron spoke for the trade press. The meeting opened with the reading of a letter from E. Allan Peirce which was simply a prospectus of what the Flower Growers' Association was doing and intended to do and what a similar combination was doing in New York. The old officers and board of directors were re-elected. A resolution was also passed authorizing the clerks of the meeting to forward a letter of condolence to E. Allan Peirce on the death of his little daughter, which was done.

INCORPORATED.


Newport, R. I.—Florists here had a busy time last week getting out wreaths for the funeral of Ida Lewis, the Grace Darling of America. So numerous were the floral tributes that two carriage were taxed to their capacity in carrying them to the cemetery. The flowers included nearly every kind. The genealogical craft was honored on this occasion by James McElshie, the well-known grove grower being selected as one of the honorary bearers. Mr. McElshie has been a near neighbor of the heroine for a great many years.
ROOM FOR IMPROVEMENT.

Dear Sir—I have read in your columns with interest and enjoyment the fine, vigorous address of Mr. Farquhar in New York and the notable letter from Professor Sargent concerning the lack of interest shown by our commercial horticulturists in the scientific side of their profession. I am very closely in touch with many amateur flower gardeners and I appreciate to the full, from their standpoint, all that these gentlemen have said. During the twenty years in which I have been in a position to know, my experience has been that if one wanted any English, French, German or Dutch novelty, one must write abroad, not to mention the impossibility of getting here named varieties of plants for years cultivated in England and on the continent,—plants perfectly suited to our climate, but which our seedsmen and nurserymen have disregarded entirely.

It is the exception, too, to find a florist who knows, except for roses, carnations and a few other things, the names of the various varieties of flowers which he offers for sale. Lately I had occasion to buy some small autumn chrysanthemums of a large metropolitan firm of florists. The flowers were of so fine a form and color that I asked for their name and received the information that they were called “baby chrysanthemums!” Very courteous was this reply, but it left like a slap in the face.

For the intelligent and enthusiastic man who deals in these wonderful wares of flowers, such as several whom I might name, the advanced amateur gardener in America should give Heaven thanks! The Garden Club of Michigan, an association of women to the number of fifty, has just been organized. They band together at a fortunate moment, for the seedsmen of this country in a few instances are now showing their desire to offer what amateurs who travel, read and adapt to their own climate and needs, should and will have. An era of “Gardening finely” is here, and with Mr. Farquhar I express the hope that our countrymen who deal in flowers and allied stock may seize the opportunities now crowding upon them. Let them buy abroad, sell here, profit greatly, but above all—study!

Very truly yours,

K. Michigan.

NEW MALLows.

A few weeks ago we had the pleasure of seeing a plantation in bloom, of the new hybrid marshmallows which Bobbink & Atkins, Rutherford, N. J., have been working up for some years. They are indescribably beautiful and showy and must be seen to be properly appreciated. The flowers run from eight to eleven inches in diameter, in brilliant tints of pink, salmon and crimson and are produced in great profusion, being at their best in later part of August. These mallows are entirely distinct from and vastly superior to anything in this line yet produced.

This firm has established a fine rose garden which promises to be a great attraction at their nurseries. So far as we know it is the only attempt at a rose garden by any commercial concern in this country. There are now 5000 plants in over 300 varieties and they are making a vigorous growth. The enclosure is surrounded by a rustic cedar fence on which the climbing roses will be trained.

FALL-BEARING STRAWBERRIES.

We have received from L. J. Farmer of Pulaski, N. Y., a sample box of his Fall-Bearing strawberries. The berries are of fair size, good color and flavor. There are two varieties, Frances and Americana. Mr. Farmer writes about them as follows:

These plants were grown in the open and unprotected. They were set last spring and all blossoms kept off until Aug. 26th. We began picking ripe fruit Sep. 10th, and they will continue to fruit until the hardest freezing weather. We are having wonderful success with them, having grown the improved varieties for three years now. Last year from 500 plants set May 1st we gathered during Aug., Sept. and Oct. 400 quarts of berries and sold them at the leading hotels and grocers at 25c. per quart. The 500 plants were set 3½ x 1 ft. and occupied 1-25 of an acre. It will be seen that they yielded over 8000 quarts to the acre, netting something like $2,000 to the acre.

C. HARMAN PAYNE.

The Journal of Horticulture, London, Eng., for September 28, contains an extended and very interesting biography of our esteemed European correspondent, C. Harman Payne. As there stated, Mr. Payne’s position in the horticultural world is almost unique. His experience and services to the cause have been almost wholly literary, but he has exercised no small influence at home and abroad, and few men not directly in the trade are more widely known. For a quarter of a century his efforts on behalf of the chrysanthemum in England and on the continent have been unceasing and he holds exalted position among the chrysanthemum experts everywhere. His horticultural library is rich in antique and rare volumes and is very extensive in its general collection.
Boddington’s “Quality” Tulips

Decoration-Day or May-Flowering; Darwin, etc.

Live, up-to-date and progressive, we might say aggressive, florists are planting more and more every year, the above useful and profit-bearing Tulips—because once planted they bloom from year to year with increasing value. With their immense flowers and long stems, (sometimes nearly three-feet) and variety of colors, they sell as quickly again as the early varieties and come at a season when they are always welcome.

**Decoration-Day or May-Flowering Tulips**

- Golden Crown. Is a showy and attractive variety, with a rich dusky yellow color, and the petals edged and tinged with red. It blooms about the same time as Geraniarida major...
- Boddington’s “Quality” Tulips, for eflorishing, and for planting in herbaceous or shrubbery borders...

**Darwin Tulips**

Darwin Tulips are among the most varied and useful of all Flowering Tulips. They can be grown into flower in late May and June. Flowers are large and borne upon tall erect stems. Like the May-flowering Tulips, they are best for Decoration-Day.

- Bizarre. Handsome, rich flowers, with yellow ground, feathered or striped with crimson, purple and white; finest mixed... 1.00 10.00
- Borden, F. F. Deep deep clear yellow, globular, medium sized blossoms, with curious black-stamens...
- Blythens (Violets). Late Tulips with white ground, blotched, striped or feathered with blue, purple, violet, blue or black; finest mixed...
- Darwin, Very large flowers of good shape, on tall, strong stems; for horticulture or the large, a large; other Tulip that include every known shade from the lightest to the brightest. Florists selected...
- Elegant. Dark crimson, beautifully reflexed...
- Gesneriana. One of the finest Tulip varieties... 1.00 8.75

**Choice May-Flowering, or Decoration-Day Tulips**

- CALEDONIAN. Bright orange, very beautiful variety...
- GERMANIANA XLATION. Beautiful yellow, 
- ELEEN WILLLMOTT. Undoubtedly the finest May-flowering Tulip; flowers very large, beautiful form and of a soft creamy yellow; very fragrant...
- GALA BEAUTY, or COLOMBIA. Blotched vermilion and golden yellow...

**SINGLE NAMED TULIPS**

**Single Hyacinth, “Named Bedding”**

- Artus. Dark scarlet...
- Cardinal’s Hat. Dark red...
- Lady T. Beautiful later flowering... 1.00 15.00
- Lucy-helena. Pure yellow; handsome flower...
- CRAVAT. Bright orange...
- Golden Crest. Beautiful “Quality Brand”...
- Cramisle Briliiante. Bright scarlet...
- Crimson Beauty. Coral, grown as a dwarf...
- Duc van Thul. Red and yellow...
- Duc van Thul. White and crimson...
- Duc van Thul. White and crimson...
- Duc van Thul. White and crimson...
- Duc van Thul. Yellow...
- Dutchess Daruma. Orange red yellow shaded...
- Golden Queen. Very large yellow; fine globular form; the finest of its color...
- Joost van Veld. Cherry red, white-leafed...
- Kelmerskroon. Red, with broad yellow edge...

**Inglescombe, Scarlet, Very brilliant scarlet, black based; a grand variety...
- Inglescombe, Yellow, A large canary-yellow flower of perfect form, downy and very beautiful...
- LVCOR. Bright orange, pretty 1.50 4.00
- PRINCESS BEAUTY. Color soft primrose, changing to white...
- THE FAWN. Very large oval flower, light grayish rose, changing to soft rose yellow...

**Darwin Tulips (To Name)**

- King Harold. Purple-red; very unique...
- Lavendula. Soft rose-violet; exquisite color...
- Margaret (Gretna). Beautiful globular flower, outside blushed, inside soft blushed rose...
- Mrs. Kellogg. Large flower, soft rose, margined blush: very beautiful...
- Painted Lady. Creamy white, yellowish banding...
- Pride of Harleian. Rose, with blue base: flowers of great size and form...
- Rev. E. C.鲷k. Vivid heliotrope-like, and bordered...
- Darwin, Mixed. All colors, in splendid harmony...

**Single Tulips to Color**

- Red, mixed, to color...
- White, mixed, to color...
- Yellow, mixed, to color...
- Pink and Rose, mixed to color...

**Superfine Mixed Single Tulips**

This mixture is made up of equal proportions of the best bedding Tulips, in order to vary the color and shades that make them very effective when massed in beds. 75 cts. per 100; 8.50 per 1000.

**Fine Mixed Single Tulips**

A mixture of good bedding Tulips for planting or selling over the counter to your retail customers. 50 cts. per 100; 8.50 per 1000.
Obituary

Charles Pflohm.

Charles Pflohm, a pioneer Connecticut florist, died in Middletown recently, aged 78 years.

George M. Woodward.

George M. Woodward, gardener for J. Mitchell, Lake Geneva, Wis., died on October 24, aged 63 years. He was born in Malverne, England, and came to America 45 years ago.

Benjamin R. Wilson.

Benjamin R. Wilson, one of the best known residents of the county as a seedman and gardener, died at his home in Bristol, R. I., on Oct. 26, as a result of a paralytic shock. He was in his 62nd year. He had a shock last spring and since that time his health had been gradually failing to the end. He was prominently identified with affairs in his native town and was considered an authority on seeds and garden work.

He is survived by his daughter, Miss Lillian M. Wilson of Bristol; a brother, Charles C. Wilson also of Bristol; and a sister, Mrs. John W. Wright of Providence.

Mrs. Elsie Martini.

Mrs. Elsie Martini, aged 79 years, wife of A. Martini, head gardener at "Loranmore" Lake Geneva, Wis., died October 22nd, of tetanus resulting from a broken limb received in a runaway accident. The death of Mrs. Martini is mourned as a shock to the many friends of the family as it was hoped she was recovering from the result of the accident. Mr. Martini, formerly with Ernst Wiebhoether Co., Chicago, came with his family to Lake Geneva, a year ago last June and they have made a great many friends in this community who sympathize with the bereaved husband and children in their deep sorrow. Deceased was a woman of sterling character and a devoted wife all her days.

The funeral was attended by the members of the Gardener's Association and a large concourse of sorrowing friends. The floral tribute from members of the Association and other friends were beautiful beyond description and expressed in a measure the esteem in which Mrs. Martini was held by her associates.

John Lamb.

A brief telegram as we go to press announces the sudden death of John Lamb, a distinguished Philadelphia landscape gardener, last Friday night, was closely allied with the horticultural trade of that locality, and held in the highest esteem both socially and professionally by all who knew him. Mr. Lamb was born in Scotland and came to Philadelphia in his infancy with his parents. He became a great lawyer, and established a large practice besides being lattice counsel for the Reading. He is survived by a widow and many boys and girls.

His oldest son, William, has been associated in his father's law practice for several years. One brother was in the florists' business and at the time of his death was in charge of the establishment of John Burton at Chestnut Hill. Another brother, Rev. James Lamb, is rector of the Episcopal church at Radnor. Mr. Lamb was of a very genial disposition and made friends everywhere, high and low, rich and poor. He was a church democrat with a small d—was gifted with a shrewd and far-seeing mind and had a fund of grim humor which dashed out like lightning from his eyes. He was a member of the Florists Club of Philadelphia and for many years was active in part in all its social activities. A warm-hearted, gentle, kindly man. We will all miss him—especially those who had the good fortune to be particularly intimate with him.

G. C. W.

NEWS NOTES.

Bellingham, Wash.—The greenhouses of S. M. Wile have been purchased by J. W. King.

Rockport, Mass.—It is rumored that a Boston florist will build a range of 500-foot greenhouses here for rose growing in the near future.

New Orleans, La.—Robert Helmecke, 3826 Dryades st., is said to have started a nursery sells acres of land recently purchased in St. Bernard.

Johnson City, Tenn.—Swan & Cheggin, dealers in evergreens, are succeeded by S. A. Swan. They were formerly located in Huntdale, N. C.

Bradford, Pa.—The greenhouses of W. C. Rockwell have been purchased by Wilson & Rickerson, who with this addition have about 25,000 feet of glass.

Warren, Ohio—The greenhouses of A. T. Hoyt, 505 W. Market street, have been purchased by Thomas Fletcher, who will remove them to his place on Wood street.

Philadelphia, Pa.—On November 1, John W. McIntyre, wholesale cut flower dealer, moved to 1713 Ranstead street from his present location at 1691.

Norton, Mass.—F. B. Luther writes HORTICULTURE that the building of his greenhouses recently reported is held up owing to a land deal which will not be settled till sometime this winter.

Norwood, R. I.—N. D. Pierce, proprietor of the Home Nursery, writes HORTICULTURE that the report generally circulated that he is building or contemplating building or adding to his present plant is erroneous.

New York, N. Y.—R. J. Irwin, who has recently become a resident of general horticultural line, has just returned from a trip in New York State which gave him very encouraging results.

Wyoming, Pa.—Bertrand H. Farr, proprietor of the Wyominging Nursery and president of the American Poony Society, writes that he is building a picking house and packing house for plants, 22 ft. 100. He has a nursery of 20 acres.

Elizabeth, N. J.—The Wilson Plant Oil & Fertilizer Co. have removed their office from New York City to Elizabeth, N. J., where they have a large new plant and can handle the business to better advantage. Mr. Creighton and Mr. Watson are still interested in the company.

CHICAGO NOTES.

Trade Notes. J. Scheepf has finished the Post Office building and new greenhouses at 523 Belmont Ave.

The A. Henderson Co. is having a very busy season. Mr. Muller and Mr. Reburn are both on the road again this week.

J. Mangel had a butterfly luncheon December 27 and spent the day with Mr. Row at the Chicago Flower Show on New Year's Day.

The preliminary premium lists of the Milwaukee and Cincinnati flower shows have reached Chicago and no doubt will attract the attention of florists.

The Chicago Flower Show will be held at the Auditorium from Nov. 15 to 19 inclusive and the Cincinnati show from Nov. 13 to 18.

Mr. F. Fisher, Chicago buyer of the Fisher Floral Co., says that the firm moved into its new store in the Dur- dle block Kalamaoo, Mich., last Saturday. The store which was completed very high of the location and appearance of the store and also of the business ability of the firm.

Mr. Fish, who has experienced a very busy week end as the shipping day for New Orleans fell on Saturday and Sunday. All Souls Day and All Saints Day called for thousands of chrysanthemums, roses and carnations, and in some stores the force worked till midnight on Saturday and all day Sunday getting up their shipments.

Personal.

Frank Miller, an employe of J. P. Brooks of Morton Grove, was injured Saturday night by falling upon some nails in the yard Sunday morning, and is laid up for the present.

Fred Kranes is back again with the E. F. Winterson Co., after several weeks' absence.

Harry Klunder has moved a few doors west and is now with Harry Prispa.

J. Propp has taken a position with the Alpha Floral Co.

Carl Beu is about again after a week's illness.

Miss Minnie Zalus is the latest addition to the force at J. Mangel's.


NEW NOTES.

Baltimore.—Thomas Meehan & Sons of Philadelphia, Pa., are doing the landscape work around the court house at Towson.

All eyes are trained on the coming Maryland Week Exposition to be held under the auspices of the Maryland Horticultural Society, December 4 to 9, inclusive. Prominent speakers will attend and the display will be large, being held in the Fifth Regiment Armory.

The record price for flowers last month was $1.50 paid for sixteen faded roses and what might have been a potted plant with asparagus foliage, at the sale of unclaimed freight from the Baltimore & Ohio Railroad Co.
DREER’S SEASONABLE SPECIALS

PALMS, FERNS, ARAUCARIAS, PANDANUS, ETC.

A special offer of the above has just been mailed to the trade. If you did not receive a copy and are interested write us.

DAHLIAS

A special catalogue offering 200 standard up-to-date varieties will be sent for the asking. It will pay you to consult this before making up your 1912 catalogue.

SPECIAL OFFERS OF JAPANESE IRIS, PAEONIES AND HARDY PERENNIAL PHLOXES are also still in force.

SPECIAL CIRCULARS offering SEASONABLE STOCKS are made throughout the season. If you are in the TRADE and do not receive copies write us and have your name on our mailing list.

For complete lines of Seasonable Florists’ Stock, consult our current Wholesale List, issued September 1st.

HENRY A. DREER, Inc.
714 Chestnut St., Philadelphia, Pa.

NEWS NOTES.

San Francisco, Cal.—An assignment in favor of their creditors has been made by the Sievers, Cornwall Co.

Rialto, Cal.—E. L. Martin, of Redlands, is installing a heating plant on the property recently acquired from T. H. Lackey on Orange street.

New Rochelle, N. Y.—A nursery and landscape business has been started here by Thomas J. Wade. His greenhouses are at 74 Drake street.

Elmira, N. Y.—W. A. Wettlin, of the Wettlin Floral Co., of Hornell, has purchased eight acres of land one and a half miles west of here, and will use it for greenhouses and nursery.

Port Jefferson, N. Y.—J. R. Blackwood, landscape gardener and florist, has bought a farm near Philadelphia, to which he will remove in the near future.

Waynesboro, Va.—The Co-Operative Commercial Orchards Co. have changed their name to Co-Operative Commercial Orchards Co. and increased their capital to $900,000.

Snelling, Cal.—Clarence B. Wiener, of Los Angeles, has purchased 7,000 acres of land which he intends to sell in 20 and 40-acre tracts and upon which he will establish a nursery and experimental farm.

New Castle, Ind.—The officers of the Heller Bros.’ Co. have been moved from their location on South Main street to the property purchased in the west part of the city, the report of which purchase was made in the July 1st issue of HORTICULTURE.
WASHINGTON NOTES.

William R. Smith is reported as being quite seriously ill at the Provid- ence Hospital.

The next meeting of the Florists’ Club of Washington is slated for Tuesday evening, November 7. Mrs. D. D. Gude of Anacostia have announced that their daughter Marie will be married to Mr. Charles DeShields of this city on the evening of November 15.

C. J. Saunders is making quite a showing at the new location at 1415 U street, N. W., and reason of its proximity to the railway transfer point, should prove a good stand.

The Washington Florists Co. last week branched out into 1704 Seventh Street, N. W., for the fall and winter season with Mr. W. S. Fisher in charge. The store has been closed all summer.

In looking to the new store of J. H. Small & Sons but no definite date has been set for the removal. The new quarters are in the rear of the Southern Florists, on H at Fifteenth street, N. W.

D. G. Grillholtz and Charles Kram- er have been appointed as members of the Retail Merchants Association of Alexandria, Va., the former to that on reception and enter- tainments, the latter to streets, roads and parks.

The Department of Agriculture is holding its tenth annual chrysanthemum show at the propagating gar- dens, 199 P streets.

The show is open from 8:00 a.m. until 3:00 p.m., and ends on Sunday, November 5. Members of the green- house men and others do not do so, in order to hand to explain the different varieties and the patients to the public and thousands are taking advantage of the opportunity of seeing the exhibition. Several new varieties are not being shown.

A number of new men have en- tered the employ of local stores in the past week or ten days, among these being: Harry Cunningham of Hampton, Va., with J. H. Small & Sons, William F. Gutshall, now at F. H. Kramer’s P street, was formerly located at the United States Propagating Gardens, as was Benjamin Russell, who is now employed at Kramer’s greenhouses in Anacostia.

E. J. Reynolds has joined the Wash- ington Florists Company’s force, hav- ing come to this city from San Fran- cisco, Cal., where he was employed by the Art Flower Co. Mr. Reynolds has been located in Denver and on the coast for several years, prior to which he was in Newark, N. J., and other nearby cities. He is well known on both coasts.

The Washington Florists Co. had an almost entirely fine Halloween win- dow last week. They had a reproduction of the old witch and her broom sitting on the last quarter of the moon, also black cats with one eye white and the other blue, these and that of the witch being formed by electric lights. The figures were suspended from the cellophane. The window was decorated in imitation of a farm yard. There were pumpkins, ears of corn and other farm truck on the house covered door, surrounded by yellow and white dahlias and chrysanthemums and Killarney roses.

Nearly all the florists in town fur- nished flowers on the occasion of the grand opening of the “Greater Palace Royal” and marking the opening of the new building, an addition to this already large department store. To Gude Bros. fell the work of decorating the store and in this large quanti- ties of chrysanthemums, American Beauty and other roses, string sunlax, autumn leaves and potted ferns and palms were used.

C. J. Saunders furnished a number of pieces of which were well made of white and yellow chrysanthemums, ferns, smilax, autumn leaves and yellow satin ribbon. J. H. Small & Sons also furnished a basket filled with white and yellow chrysanthemums, Ameri- can Beauties, etc. Mayberry & Hoov- er’s contribution to the show consisted of a handsome basket of dahlias, Marche & Co. furnished a basket of dahlias and Richmonds. George C. Shaffer a basket of Beau- ty and tea roses. The florists did their share. There were probably thirty or forty more pieces furnished by the different florists on the occasion of the exhibition. During the early part of the week but space does not permit of mention of more than perhaps the leaders.

CLARENCE L. JANZ.

NEWS NOTES.

Kansas City, Mo.—Sam Murray, busi- ness engaged in the annual task of tying Lorraine begonias, which are truly grand this year, found time last week to run over to Kinsley, Kansas, three hundred miles away, and execute with great success a $1,000 wedding decor- ation. Of course, Mr. Hayden was on the job also. Undertakings of this kind are only passing incidents in the life of this busy young lady who stands in the first rank on floral work.

Portland, Ore.—Martin & Forbes write HORTICULTURE that they have built one house, 25 x 100, in addition to the four recently reported. This new range is on a 50 acre tract pur- chased last spring and will be devoted almost entirely to the growing of roses and carnations for their own retail trade. The old plant of 100,000 feet of glass will now be given over almost entirely to plant growing. The new plant will be added to as the demand grows.

OMLSTED BROS., Landscape Architects

BROOKLINE, MASS.

ENGLISH ELMS WANTED.

Several hundred English “Held” Elms. This is the type fre- quently seen in Boston and other places in the Eastern States, in large specimens. Old trees can often be identified by their habit of medium height. Trees should preferably be about 15 feet high and 3 inches in diameter. State particulars, giving prices, sizes, location, etc. Address OMLSTED BROS., Landscape Architects.

PHILADELPHIA NOTES.

A good frost would help stir things up. We want the geranium, the sage and the dahila off the lawns. Then there will be something doing in tulips and hyacinths and sips! It would help the cut flower business and a speaker at the monthly meeting of the Phila- delphia Florists Club will not buy while they still have plenty of good flowers on their own grounds. Come on—old frosty pow!

The burning question for the wholesalers is—why should we be asked to send special and deliver free a twenty-five cent bunch of flowers—ten miles. The free delivery system is badly abused and relief must come. They don’t do it in other big cities. Here’s something for the new regime in the Florists’ Club to wrestle with.

“Progress in Floriculture” is the subject of a free lecture to florists, by Robert Craig, to be given under the auspices of the Henry F. Michell Co., Saturday, November 25th, 1911, at 3 P.M., at the newly appointed “Lec- ture Hall,” located on their main floor at 518 Market street, Philadelphia. Mr. Craig’s ability not only as a grower but also as an accomplished speaker is a guarantee of a pleasant and instruc- tive afternoon.

About the first of December Frank W. Power, Secy., of the Oregon Horticul- tural Society contemplates opening a Horticultural Correspondence School in connection with his other work at Portland, Ore. Courses will be given in the following subjects and later on others will be added: Soils and their adaptability to different fruits; insect pests and their remedies; fungus diseases and their remedies; planting fruit trees, vines, etc; care and cultivation of the orchard; grading and pack- ing fruit for the market; how to mar- ket the products of the orchard; pre- cooling of fruit before shipment; irri- gation; budding and grafting in the field; methods of fertilizing (in a special course for nursery salesmen). Address 1206 Yeon St.

At the first meeting of the Pasadena (Cal.) Gardeners’ Association held in September, the proposition to change the name of the Association to The Pasadena Horticultural Society, was unanimously adopted.
Let George Do It

For a limited time, we offer our surplus
stocks of the celebrated

W-P Mushroom Spawn

the best English breed—made by the
most expert growers in England—unreduced price, to

MAKE ROOM

for other crops now arriving. Regular price $7.00 per 100 lbs. Until further notice special price:

$6 per 100 lbs.

George C. Watson

Dublin Bldgs., 9th and Market St.

Philadelphia

100,000

FORCING TOMATO PLANTS

in 2 1/4 inch pots at $20.00 per M in the following varieties: Comet, Sutton's Wine Beauty, Sutton's Best Of All, Sutton's Abundance, Sutton's A Y; Cabbage and Lettuce Plants in unlimited quantities and best market varieties.

Fox Hall Farm, Norfork, Va.

Onion Sets

Headquarters for the east.

We carry large stocks of choice quality at both our Orange, Conn., and New York City houses. Full line all varieties of Garden and Flower Seeds. Trade list on application.

S. D. Woodruff & Sons,

511 Day Street, Orange, Conn.

New York City.

Seeds will be no famine prices as we have re-

manded before, excepting on a very small number of varieties, which practically none were carried over

from last year. For this reason it will be

much easier to get acreage for beans, and there will be only a slight advance in growing prices over last year.

Seed Trade in New Zealand.

(From Vice Consul General Henry B. Baker, on Special Service in New Zealand.)

The seed business of New Zealand is of considerable importance, over $600,000 worth of grass, clover, and other seeds being exported from the Dominion in 1910, and about $500,000 imported. During the next few months the New Zealand seed market should possess an exceptional interest for American seed growers and dealers, as owing to the recent drought conditions the grass and clover seeds are now very scarce and are selling for prices about 40 per cent higher than a year ago.

Seed Grain from Sweden

Sweden is a country whose agricultural conditions are not as favorable as those of the more southern parts of Europe. The Swedish farmer has

A hundred-story office building is proposed for erection in New York City, to be over 1000 feet in height. A fifty story one is now being constructed two blocks from our office. These fine edifices are monuments to master minds of the present day. One thinks only of the height and magnificence of the building, but the principle part of such construction lies almost without regard—the foundation. Just think of the weight of a hundred story building—better still go to the top of a twenty story one to think about it. The average man has no conception of the immensity of the under-

taking. The building is ap-

preciated as an end without regard to the means. That's the way with bullys. A grower appreciates an excellent crop of flowers, but he seldom considers that the foundation of his successful crop was carefully laid in Japan or in Bermuda by painstaking and patient bulb growers men who love bulbs and their propa-

gating. The best flowers always come from the best bulbs. Horseshoe Brand lily bulbs are the best you can buy anywhere in the world. There are none better grown. They are cultivated and exported to support the highest class of trade and to satisfy the most careless growers. There could

be no surer foundation to success in lily growing than these bulbs, and you need them in your business. They are worth all they cost and more often than not. Write us.

Ralph M. Ward & Co.

12 West Broadway

NEW YORK CITY
to use all his skill to make the soil produce enough to get a benefit out of his work. The Swedish government has spent large sums for scientific research regarding soil improvement and particularly in the selection of the best grades of seed.

A little pamphlet, entitled "Svaloef," is sent out free of charge by Loechner & Co., 11 Warren St., New York, who have been appointed sole agents for the All Svenska Utsaedeer Aktiebolaget. Svaloef, Sweden, the distributors of this seed-grain, so famous in Europe, grown under government supervision.

Anybody interested should ask for a copy of the pamphlet, which certainly is interesting.

CUCUMBER LOSSES AT ROCKY FORD.

Editor HORTICULTURE: We noticed in a recent issue of HORTICULTURE, your remarks in relation to the cucumber crop and in connection with same, wish to advise that we have received notice from our growers at Rocky Ford, Colo., stating that they had a severe storm in the Arkansas Valley at Rocky Ford last Friday and that one-third of the cucumber crop was still in the fields. This may make a serious loss of the cucumber crops in that locality, especially if the cucumber become soft on account of the snow and cold weather followed by warm weather; also if the seed in the pits which have been harvested become chilled or frozen. The growers are guarding against loss all they can, but it is difficult to save the crops under the above conditions.


F. & F. Nurseries, SpringfieId, N. J.—Fall Trade List, 1911.


Winterson’s Seed Store, Chicago, Ill.—Winterson’s Garden Guide for Autumn, 1911.

United States Nursery Co., Rose- acres, Miss.—A Wholesale List of Field-Grown Roses, Shrubs, Perennials, etc.

Frederick Roemer, Quedlinburg, Germany.—Novelties in Flower Seeds for 1912. Anntichlumns, Asters, Petunias, Primulas, etc.

F. C. Heinemann, Erfurt, Germany.—Special Trade Offer of Novelties, 1912. Dianthus, Artimesias, Myosotis, etc.

Pape & Bergmann, Quedlinburg, Germany.—Novelties for 1912. Begonias, Petunias, Gdioloi, Chrysanthemums, etc.

Chas. H. Totty, Madison, N. J.—Advance Sheet of new Carnation Wodenehe. "The white you have been waiting for."


V. Lemoine et Fils, Nancy, France.—Autumn Catalogues 1911. A standard publication contains as usual descriptions of a number of interesting novelties.

P. J. Berckmans Co., Augusta, Ga.—General Nursery Catalogue 1911-1912. Has a beautiful illustration of Magnolia Soulangeana in colors on first cover and Azalea Indica, also in colors.

Henry F. Michell Co.
518 Market Street, - PHILADELPHIA

Swedish Specialties
Grown Under Government Control by the
ALL. Svenska Utsaedeer Aktiebolaget, Svaloef, Sweden

Descriptive pamphlets, prices and samples on application

SOLE AGENTS:
Loechner & Co., 11 Warren St., New York

The catalogue of Holland stock to be sold on Wednesday and Friday of next week by MacNiff & Co., 62 Vesey St., New York, is a big one and Mr. MacNiff says the consignment is the finest ever offered at auction in New York. Intending buyers should note that the sale will be held on Wednesday, 8th, instead of Tuesday, the latter being a holiday in New York.
KENTUCKY BLUE GRASS

Fancy New Crop
$3.20 bu.

December Shipment

This special price for a short time only. Samples sent on request.

J. BOLGIANO & SON
Wholesale Seedsmen
Baltimore, Md.

Farquhar's Flower Seeds for The Florist

Write for our Wholesale Catalogue

R. & J. FARQUHAR & CO.
Boston, Mass.

PEAS, BEANS, RADISH and all Garden Seeds

Write for Prices

LEONARD SEED CO.
220-222 W. KINZIE STREET, CHICAGO
Wholesale
SEED GROWERS AND DEALERS

Wholesale Growers of Onion, Lettuce, Sweet Peas and other California Specialties

C. C. MORSE & CO.
48 Jackson St.
San Francisco, Cal.

BRIDGEMAN'S SEED WAREHOUSE
RICKARDS BROS.
Props.
37 East 19th St., NEW YORK CITY

CANE STAKES
American, bundle 500, $3.00; 1000, $5.50.
Bamboo from Japan, 100, 50c.; 1000, $5.50.

The W. W. Barnard Co.
109-110 W. Kinzie St., CHICAGO

Burpee's Seeds
PHILADELPHIA

Blue List of Wholesale Prices mailed only to those who plant for profit.

SEEDS, PLANTS, BULBS

All seasonable kinds of best quality
Special prices on large lots

JAMES VICK'S SONS
Seedsmen
ROCHESTER N. Y.

COMPLETE STOCK FRENCH AND DUTCH BULBS

Price list free on request

Joseph Breck & Sons Corp.
47-54 No. Market St., BOSTON, MASS.

CHOICE BULBS

In great variety for present planting—in-doors and out

THOMAS J. GREY CO.
32 South Market St., Boston, Mass.

FRESH CROP ASPARAGUS PLATYDOUS NANUS SEED

(Greenhouse grown.) Due in December. We are now making orders for both greenhouse and outside grown Asparagus Plants. Seed. Write to
S. S. SKIDELSKY & Co.
1215 Betz Bldg., Philadelphia

Established 1820

Thorburn's

BULBS

For the FLORIST

Ask for Prices for Immediate Delivery

SUNDRIES

BOSTON

...THE...

J. C. Robinson Seed Co.
Waterloo, Neb.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas, Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.

ONION SEED

We have a choice lot of new crop Silver Skin or Portugal, also other varieties. Write for prices.

SCHILDER BROS.
CHILlicothe... OHIO

COLDWELL LAWN MOWERS
Hand—Horse—Motor
Known All Over the World Catalogue on Request.

NEWBURGH, N. Y.

PRINTING

Work done by specialists. Write for prices to THE REX CO., Harrisburg, Pa.
Of Interest to Retail Florists

Warren, Ohio.—The retail store of Adgate & Son has been moved from 560-566 Vine street to Market street.

Easton, Pa.—The florist store of Cha's Rheinmayer has been moved from 47 Center square to Market square.

Winchedon, Mass.—Wm. W. Rhuland has given up his Riverside greenhouses and taken a store at 45 Grove street.

Milwaukee, Wis.—J. Fox & Sons, 414 Milwaukee avenue, have moved into a new store corner of Milwaukee and Mason streets.

Maiden, Mass.—E. D. Knaubback, of E. D. Knaubback & Sons, florists, 227 Pleasant street, has purchased the property at 112-120 Pleasant street.

Germantown, Philadelphia, Pa.—A new store at Germantown avenue and 13th street was opened October 11 by Mrs. John R. Claus. This store is two blocks beyond her old location.

STEAMER DEPARTURES

Allan.
Camilla, Boston-Glasgow...Nov. 10
American.
St. Paul, N. Y.-Shantong...Nov. 11
Cunard.
Lusitania, N. Y.-Liverpool...Nov. 8
Carpatia, N. Y.-Melilla...Nov. 9
Francisca, Boston-Liverpool...Nov. 11
Holland-America.
New Amsterdam, N. Y.-Rome...Nov. 7
Noroim, N. Y.-Rotterdam...Nov. 14
Hamburg-America.
Pres. Lincoln, N. Y.-Havana...Nov. 11
North German Lloyd.
Krupp’s Wilhelm, N. Y.-Bremen...Nov. 7
Krupp’s Wilhelm, N. Y.-Bremen...Nov. 9
Krupp’s Luebeck, N. Y.-Bremen...Nov. 11
Red Star.
Kronland, N. Y.-Antwerp...Nov. 11
White Star.
Arabic, Boston-Liverpool...Nov. 7
Celtic, N. Y.-Liverpool...Nov. 9
Olympic, N. Y.-Shantong...Nov. 11
Cunliffe, Boston-Melilla...Nov. 11

Greenwich, Conn.—The business of McMillen & Co., florists, will be continued by Wm. McMillen and Miss Conner under the old firm name. Mr. McMillen’s death was reported in a recent issue.

Elizabeth, N. J.—Andrew Wilson, of the Wilson Plant Oil & Fertilizer Co., and John F. Martin have opened a large retail store at 290 North Broad street, which will be first-class in all respects. It will be known as The Orchid Shop.

M. Rice & Co. of Philadelphia, report that the demand for baskets of all kinds is greater this season than for years past, being stimulated by the general display made by the leading florists of filled baskets in their windows, also special sales of filled baskets are making a big hit wherever shown.

NEW YORK
Orders for Steamer, Theatre, Hotel, or Residence Carefully Filled.

Wm. H. LONG
412 Columbus Ave.

DAVID CLARKIE’S SONS
Deliver orders from any party to any part of the country.

YOUNG & NUGENT
42 West 28 St., New York
“FLOWERS BY TELEGRAPH”

Wilson
Fulton St. and Greene Ave., Brooklyn, N. Y
Buffalo
S. A. ANDERSON
440 Main Street

EYRES
Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY ON TELEGRAPHIC ORDER
11 NORTH PEARL ST., ALBANY, N. Y

THE ROSEY
76 MAIDEN LANE
ALBANY, N. Y.
FLOWER DELIVERIES FOR ALBANY AND VICINITY

“THE HOME OF FLOWERS”
The largest cut flower store in America. Orders for the TWIN CITIES and for all Northwestern points given prompt attention.

HOLM & OLSON, INCORPORATED
ST. PAUL, MINN.

LOUISVILLE, KY.
JACOB SCHULZ
380 South Fourth Ave.
The Florists’ Supply House of America

Offers You Superb, Exclusive Novelties This Season in Every Line. These Have Exceptional Value and Selling Merit. Tell Us What You are Interested in and at Same Time Ask for a Copy of

Our Silent Salesman

H. Bayersdorfer & Co.

1129 Arch Street, - - - Philadelphia, Pa.

November 4, 1911

The Florists’ Supply House of America

BOSTON, MASS.

"Penn, the Telegraph Florist"

37-43 Bromfield Street

NEW ENGLAND

FLOWER DELIVERIES

Send flower orders for delivery in Boston and all New England points to

THOS. F. GALVIN

124 Tremont St., Boston

BOSTON’S BEST

In Quality and Design

Can be relied upon when you transfer your retail orders to

EDWARD MACMULLEN

194 Boylston Street, Boston

Littlefield

FLORIST

407 & 409 Main St.


H. F. A. Lange


Delivers to all Points in New England.

125,000 square feet of glass.

WELLESLEY COLLEGE

Dean Hall, Watnook Hill and Rockridge Hall Schools. TAILBY, Wellesley, Mass.

Tel. Wellesley 44 and 4 Night 445

FOR RETAIL STORE TRADE

WE NOW OFFER

Asphaltum NudaAVIS (Bird’s Nest Fern), elegantly finished plants $1.00, $2.50 and $2.15 each; the best plants we ever had, sure to sell when seen. Pandanum Veltchii, extra strong plants, $1.00, $1.50, $2.00, $2.50 and $3.00 each.

J. A. FISHER

Mellon tree, 170 Peachtree street.

Ref. South, E. J. Delahoyde, by Levic block.


Washington, D. C.—S. F. Holland, 18th street, near Columbia road.

Charleston, S. C.—Arcade Floral Shop, 303 King street, Frank W. Kummer, proprietor.


Wilkesbarre, Pa.—Cash Flower Store, South Main street, branch store of Ira G. Marvin, who has an office at North Main street, with greenhouses at 53 North Main street.

Tullahoma, Tenn.—Wm. Brittain has purchased all the properties, orchards and nursery stock of the Tullahoma Nursery and Orchard Co., and will continue the business under the same name.

West Chester, Pa.—A flower store has been opened at 20 North High street, now by the former firm, Lorgus Co. Martin Lorgus, president; Geo. Achelis, vice-president; Rudolph Lorgus, treasurer; Martha G. Lear, secretary; Rudolph Lorgus, manager.

BOSTON NOTES.

A new flower shop is being built at 134 Massachusetts avenue for Charles Fine, formerly with "Penn the Florist," 202 Dartmouth street.

Mathew F. Ruane, 120 Moody street, Waltham, visited the flower market last week for the first time since his accident. He is doing a good business at his store for a new venture.

A temporary retail flower store has been opened, until after the holidays, at 169 Tremont street by A. Caplan, whose main store is at 144 Massachusetts street.

This new venture is doing business under the name of the Flower Growers’ Exchange and A. S. Caplan is manager; Arthur Robbins, buyer; H. Learner, treasurer. Mr. Caplan entered the field in 1887, working for Henry Penn. His store on Massachusetts avenue has just had a new front put in and the delivery wagon has been added to the equipment.

IN BANKRUPTCY.

Boston, Mass.—George G. Solomon, florist, in Houghton & Dutton’s, liabilities, $1,216; assets, $1,062.

DETROIT NOTES.

Chas. Groening of Munroe, Mich., is at Harper Hospital for an operation for appendicitis.

Harry Rackham has opened his new store on Woodward avenue. Having passed all his life in the florist business, he has become acquainted with the many expenses connected with the retailing of flowers and is therefore a most welcome competitor in the local field.

A colonial archway leads into a well-ventilated conservatory with centre-bench and side-benches. The walls are covered with tufa. There is a very light and well ventilated workroom, 11x12. The rear part is a two-story building containing room for two otus and sleeping quarters and storage rooms upstairs.

After many weeks of tedious waiting H. Schreeter has finally the satisfaction to occupy his new store. The store is 30x36 with two windows with platforms of small white enamel tiles. To the right is an irocoh 12x16 and 4 feet deep, while to the left is a cozy place furnished with brown wicker furniture and adjoining is the counter and an enclosed private office.

FRANK DANZER

"FLOWERS BY TELEGRAPH.

Leading Retail Florists Listed by Tows for Ready Reference.

Albany, N. Y.—H. G. Evers, 11 N. Pearl St. Albany, N. Y.—The Rose, 75 Maiden Lane.


Bosston—Penn, the Florist, 37-43 Bromfield St.

Boston—Julius A. Zinn, 1 Park St.

Brooklyn, N. Y.—Robert G. Wilson, Fulton St. and Greene Ave.

Buffalo, N. Y.—Primer’s 304 Mald St.

Buffalo, N. Y.—A. Anderson, 40 Main St.

Chicago—Williams J. Smyth, Michigan Ave. and 31st St.

Denver—Park Floral Co., 1643 E. 15th.

Detroit, Mich.—J. Bredenberg’s Sons.

Moline and Granite City.

Kansas City, Mo.—Samuel Murray, 312 Grand Ave.

Kansas City, Mo.—Wm. L. Rock Flower Co., 118 Walnut St.

Louisville, Ky.—Jacob Schubel, 559 South Fourth Ave.

New York—David Clarke’s Sons, 2130-2141 Broadway.

New York—Alec McConnell, 431 54th Ave.

New York—W. H. Bond, 121 Columbus Ave.

New York—Young and Nye, 42 W. 29th.

New York—Darras, E. E. 44th St.

New York—Darras, E. E. 44th St.

New York—Raymond’s, 415 5th Ave.

New York—M. Blum—Holm & Olson.

New York—J. J. Dacey, 16 Vance St.

Washington, D. C.—John Bissier, 1211 F St.

Wellesley, Mass.—Tobey.

Worcester, Mass.—Littlefield, 176 Main St.

CHRYSANTHEMUMS
$8.00-$25.00 per 100
All varieties in season. Splendid value in all grades.
POMPIONS
$3.00-$5.00 per dozen bunches
A large assortment of colors and varieties,
Cattleyas, per doz., $6.00

The Leo Niessen Co.
WHOLESALE FLORISTS
N. W. Corner
12th and Race Sts., PHILADELPHIA

The Best Letters
For Florist's Use by the
Boston Florist Letter Co
66 PEARL ST., BOSTON
N. F. McCarthy, Mgr.
Order direct or buy from your local supply dealer. Insist on having the
BOSTON Inscriptions, Emblems, etc. Always in Stock.

Cut Flower Boxes
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

PETER REINBERG
WHOLESALE
CUT FLOWERS
37 Randolph St., Chicago, Ill.
POEHLMANN BROS. CO.
33-35-37 Randolph St., CHICAGO
CUT FLOWERS
Greenhouses, Morton Grove, Ill.
George B. Hart
WHOLESALE
FLORIST
24 Stone St., Rochester, N.Y.
The J. M. McCullough's Sons Co.
WHOLESALE COMMISSION FLORISTS
CONSIGNMENTS SOLICITED
Special attention to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs.
Price list on application.
Phone Main 584. 316 Walnut St., Cincinnati

J. A. BUDLONG
82-84-86 E. Randolph St., Chicago
OUR STOCK IS A-I AND IT IS QUALITY NOT PRICES THAT TALKS
Chicago Flower Growers' Association
Wholesale Growers of Cut Flowers and Plants
176 N. MICHIGAN AVE., BETWEEN RANDOLPH AND LAKE STREETS, CHICAGO

CHrysanthemums

To Cut Flower Growers and Retail Florists

IF YOU
want to find a market for your product
want a regular or special supply of the product of the best growers
Consult the Advertisements on these Wholesale Flower Pages
The Advertisers Represented Here are the Leading Concerns in the Wholesale Flower Trade

WELCH BROS.
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR
ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED
226 Devonshire Street, Boston, Mass.

WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100
TO DEALERS ONLY

ROSES

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Am. Beauty, Fancy and Special</td>
<td>15.00</td>
<td>25.00</td>
<td>20.00</td>
<td>25.00</td>
</tr>
<tr>
<td>&quot; Extra</td>
<td>8.00</td>
<td>12.00</td>
<td>12.00</td>
<td>12.00</td>
</tr>
<tr>
<td>&quot; No. 1</td>
<td>4.00</td>
<td>6.00</td>
<td>10.00</td>
<td>12.00</td>
</tr>
<tr>
<td>&quot; Lower grades</td>
<td>8.00</td>
<td>12.00</td>
<td>12.00</td>
<td>12.00</td>
</tr>
<tr>
<td>Winter, Chasteaux, Fancy &amp; Spl.</td>
<td>4.00</td>
<td>6.00</td>
<td>10.00</td>
<td>12.00</td>
</tr>
<tr>
<td>&quot; Lower grades</td>
<td>8.00</td>
<td>12.00</td>
<td>12.00</td>
<td>12.00</td>
</tr>
<tr>
<td>Killarney, Maryleand, Fan &amp; Spl.</td>
<td>3.00</td>
<td>4.00</td>
<td>5.00</td>
<td>4.00</td>
</tr>
<tr>
<td>&quot; Lillies</td>
<td>2.00</td>
<td>3.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>&quot; Rose &quot;Maid &quot;</td>
<td>0.50</td>
<td>0.60</td>
<td>0.60</td>
<td>0.60</td>
</tr>
<tr>
<td>&quot; Tif &quot; Hillingdons</td>
<td>5.00</td>
<td>6.00</td>
<td>6.00</td>
<td>6.00</td>
</tr>
<tr>
<td>CARNATIONS: First Quality</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>&quot; Ordinary</td>
<td>0.50</td>
<td>0.50</td>
<td>0.50</td>
<td>0.50</td>
</tr>
</tbody>
</table>

MISCELLANEOUS

| Cattleyas | 5.00 | 10.00 | 15.00 | 15.00 |
| Lilies, Longiflora | 6.00 | 10.00 | 10.00 | 10.00 |
| Orchids, Chrysanthemums | 4.00 | 6.00 | 10.00 | 12.00 |
| Violets | 0.25 | 0.25 | 0.30 | 0.30 |
| Sweet Peas | 1.00 | 1.25 | 1.25 | 1.25 |
| Gardenias | 0.50 | 0.50 | 0.50 | 0.50 |
| Adeniums | 0.50 | 0.50 | 0.50 | 0.50 |
| Succulents | 12.00 | 12.00 | 12.00 | 12.00 |
| Asparagus Floscous, string (100) | 0.50 | 1.00 | 1.00 | 1.00 |
| " & Spider, from baxv | 1.00 | 1.00 | 1.00 | 1.00 |
| 1.50 | 1.50 | 1.50 | 1.50 |

To find a market for your product, or a regular or special supply of the product of the best growers, consult the advertisers on these Wholesale Flower Pages. The advertisers represented here are the leading concerns in the wholesale flower trade.
Flower Market Reports

Business in Boston is "on the blink." Indeed, the wholesale markets are experiencing the worst slump they have seen in years. Chrysanthemums are a veritable avalanche and are partly responsible for the present sluggish conditions. They are magnificent as far as quality is concerned, but the sales are very limited to the medium grades. Carnations are also of excellent quality but are being received in unwieldy quantities, the whites having the best of the crop. This is considered difficult, especially the older varieties. The newer sorts, such as Lady Hillingdon, Taft and Mrs. Ward are enjoying the finest share of the trade. Orchids are suffering with the rest. Cattleyas are moving slowly and oncidiums which are of superb quality stay in wholesalers' hands. Lilies and lilac of the valley are also in the dumps. Violets are poor in quality and thus far have had little appreciation in this market.

BUFFALO were plentiful the past week and high prices were out of the question. Cool weather was looked for and was had through it all. The recent frosts have cut the out door stock out entirely but heavy receipts in ordinary chrysanthemums have blocked the market. Some select stock is now had and have sold satisfactorily. Carnations, roses, violets, lilac of the valley and everything is in plentiful supply. Asparagus, hydrangea, and all other greens also in good supply.

CHICAGO last week emphasized the change that has come over the market during the past month. If the first part of October was not equal in volume of trade to that of some other years the closing week has changed the totals and both home and shipping trade were excellent. Customers no longer made their own prices, but promptly acceded the stock and were glad to get it at a fair valuation. Medium and poor stock had been a little hard to move, especially in chrysanthemums. With the weak market there has been so far an unusual proportion of stock that tends to keep down prices, but was nearly all cleaned up Saturday and Sunday. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually does, and left the home market in good shape for the new week. The early chrysanthemums are about gone and the later ones are in a little earlier than usual. Pompons are getting more plentiful and a good supply of Zymba is seen. The Southern orders took away many of the larger chrysanthemums, as All Souls' Day usually
M. C. Ford
Successor to
FORD BROTHERS
121 West 28th Street
NEW YORK
FINE ROSES. FANCY CARNATIONS
A Full Line of All Cut Flowers.
Telephone, 3870 or 3871 Madison Square.

H. E. FROMENT
Wholesale Commission Florist,
Choice Cut Flowers,
47 West 28th St. :: NEW YORK
Telephone: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send for quotations. Correspondence with shippers of first-class stock invited.
130 West 28th Street, New York
Telephone 4056-4827 Madison Square.

Edward C. Horan
Wholesale Florist
55 WEST 28TH ST.

Greater New York Florists' Association, Inc.
Now Open for Cut Flower Consignments.
162 Livingston Street, BROOKLYN, N. Y.
Geo. W. Crawford Telephone Connection
Manager 3642-43 Main.

Moore, Hentz & Nash
Wholesale Commission Florists
55 and 57 West 26th Street
Telephone No. 360 Madison Square
New York.

W. P. FORD
Wholesale Florist
45 W. 26th Street, NEW YORK
Call and Inspect the Best Establishment
in the Wholesale Flower District.

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ MAURICE L. GLASS
Coogan Building, 55-57 West 26th Street
NEW YORK CITY
Telephone 2801 Madison Square (Even 5 a.m. to 9 a.m.)

THE KERVAN COMPANY
Fresh Cut Evergreens, Mosses,
Southern Smilax, Gazania and Lycaste,
Preserved and Fresh Cut
Cyclas and Palmiers.
Tel. 1519 
5891 Madison Square
New York.

REED & KELLER
122 West 28th St., New York
Florists’ Supplies
We manufacture all our
Metal Designs, Baskets, Wire Work & Novelties
and are dealers in
Decorative Glassware Greens and Florists’ Requirements.

P. J. SMITH
Successor to JOHN L. RAYNOR
Wholesale Commission Florist
A Full line of Choice Cut Flower Stock for all purposes
by the 100, 1000 or 10,000
TEL. 1998 MADISON SQUARE
49 West 28th St., New York City.

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—5332-3533 Madison Square.

J. K. ALLEN
106 W. 28th St.
NEW YORK

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, 55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

American Beauty, Fancy and Special
" " Extra
" " No. 1.
" " Lower Grades
" " Richmond, Chatam, Extra and Special
" " Lower Grades
" " Killarney, My Maryland, Extra and Special
" " Lower Grades
" " Bride’s Todd
" " Taff, Hillinon, Carnations, First Quality
" " Ordinary

Price Last Half of Week	And Oct. 12, 1911	First Half of Week	Oct. 30, 1911
15.00 to 15.00 15.00 to 15.00
10.00 to 15.00 10.00 to 15.00
10.00 to 10.00 10.00 to 10.00
10.00 to 10.00 10.00 to 10.00
10.00 to 10.00 10.00 to 10.00
10.00 to 10.00 10.00 to 10.00
10.00 to 10.00 10.00 to 10.00
10.00 to 10.00 10.00 to 10.00
10.00 to 10.00 10.00 to 10.00
10.00 to 10.00 10.00 to 10.00
10.00 to 10.00 10.00 to 10.00

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephone 1676-1668 Madison Square
CONSIGNMENTS SOLICITED

SIEBRECHT & SIEBRECHT
Wholesale Florists
136 W. 28th St., New York City

Frank H. Traendly
Charles Schenck
TRAENDLY & SCHEINCK
Wholesale Florists
131 West 28th St., New York
Telephones 798 and 799 Madison Square
Centralized, Located, the Hub of the Flower Market Section

CHARLES MILLANG
Wholesale Florist
55 & 57 W. 26 St., NEW YORK
Telephone 7062 Madison

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers
54 West 28th St., NEW YORK
Prompt Payments. Telephone 3559 Madison St.

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK
Shipments, any quantity, Wholesale Market Rates.
Flower Market Reports,

The situation has been quite unsatisfactory, from the viewpoint of the grower and wholesale dealer for the past two weeks. There is a heavy influx of chrysanthemums and other staples which coming upon a low-spirited market has had a very depressing effect on values. Sales have lagged and where large quantities are concerned have been effected only at considerable sacrifice on price. All the mid-season and mid-price chrysanthemums are on the regular daily list now. Robinson, Taft and other large flowered sorts are apparently less popular with the buyer than the old standard commercial variety, ivory. Lilies are selling very low. Roses are very abundant. Colder weather is needed.

PHILADELPHIA

Last week started out in much better shape owing to clear weather, less baseball and more football, the latter being a help to the flower business and the former a detriment. Plenty of stock all along the line, particularly roses, carnations, and chrysanthemums. We are getting the last of the early chrysanthemums and are starting on the mid-season varieties which mean a week of medium-class bloom with very few specimen flowers coming to the market; prices low, the poorer stock being sold at any figure. The good stock and no reasonable offer refused. Quite a few pompons continue in with some beautiful flowers in the spray varieties in pink, yellows and whites, including the pink and yellow Garza which are very beautiful indeed. These and the ordinary pompons are becoming more popular every year and will continue so as they are very valuable for all kinds of work, not only for vase work but in decorating effects. With the cooler weather carnations are still improving, better stems and better quality. Prices are at their best but are ruling low. Roses are improving in quality, prices holding fairly good although low. The novelties, particularly Mrs. Taft, are selling well. This is a grand rose and bound to be a winner, providing it is a money-maker from the grower’s standpoint. Gardenias are still scarce and the quality medium. The prospects are that they will be more plentiful and the quality better shortly. It is to be hoped so, anyway, as there is a good demand for them. The shut of cattleyas is somewhat over, the growers reporting a shortening up of crops which will have a tendency to stiffen the prices, and then too with a better demand we should see the orchid market in much better shape. Lily of the valley is selling well, quality good. Greens are generally moving slowly; supply plentiful, the demand has held longer than usual this year; in fact, too long for the greenhouse men, as quantities of dahlias were moved after chrysanthemums became plentiful, thus cheapening the prices on all kinds of flowers. We believe it would have been better for the business if we had had frost a little earlier, although of course the dahlia man is expected to have his innings and this year has been a good one for him although prices have not been high at any time but immense quantities of dahlias were moved all over the country.

A general improved condition has been noticeable in the market during the past week and with an increase in the supply of stock there has also been a stiffening of prices, indicating a healthy condition of trade. The popular carnation is coming in good quantities and the quality is excellent. The quality of the chrysanthemums on the market is much better and in another week this flower will be at its height. Choice blooms are bringing $12 to $14 per 100 and the demand is very fair. Although not as plenty as they have been, there is a fine crop of roses in the market with the supply in excess of the demand. There are a lot of violets with a dull market at 50 cents.

The growing season is at hand and beginning of this showed tendencies to run short. The red are now showing their good colors and the Rose Pink Enchantress has its cold weather hue. Most of the offerings are now long-stemmed. Chrysanthemums of course have blooms that are in demand. The varieties with good well formed flowers have little trouble in finding a market. The demand for lily of the valley and orchids has slacked a little, while all violets both double and single sell well. Boxwood has been added to the green goods line and new galax will be here within a week.

NEW YORK

(Continued from page 62)

MISCELLANEOUS

<table>
<thead>
<tr>
<th>Last Half of Week</th>
<th>First Half of Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>ending Oct. 20</td>
<td>beginning Oct. 31</td>
</tr>
<tr>
<td>1911</td>
<td>1911</td>
</tr>
<tr>
<td>Cattleyas.........</td>
<td>25.00 to 35.00</td>
</tr>
<tr>
<td>$1.00 to 2.00</td>
<td>25.00 to 35.00</td>
</tr>
<tr>
<td>Lilies, Longiflorum</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>$1.50 to 2.50</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Lily el. al.</td>
<td>1.50 to 2.50</td>
</tr>
<tr>
<td>$0.75 to 1.25</td>
<td>1.25 to 2.00</td>
</tr>
<tr>
<td>Chrysanthemums...</td>
<td>2.00 to 3.00</td>
</tr>
<tr>
<td>$1.00 to 1.50</td>
<td>1.00 to 1.50</td>
</tr>
<tr>
<td>Violets...........</td>
<td>0.50 to 0.75</td>
</tr>
<tr>
<td>$0.25 to 0.50</td>
<td>0.25 to 0.50</td>
</tr>
<tr>
<td>Gardenias........</td>
<td>2.00 to 2.50</td>
</tr>
<tr>
<td>1.00 to 1.50</td>
<td>1.00 to 1.50</td>
</tr>
<tr>
<td>Geraniums.........</td>
<td>1.50 to 2.00</td>
</tr>
<tr>
<td>1.00 to 1.50</td>
<td>1.00 to 1.50</td>
</tr>
<tr>
<td>Asparagus Plumosa, string</td>
<td>5.00 to 6.00</td>
</tr>
<tr>
<td>1.50 to 2.00</td>
<td>1.50 to 2.00</td>
</tr>
<tr>
<td>Asparagus Plumosa, string</td>
<td>5.00 to 6.00</td>
</tr>
<tr>
<td>2.00 to 2.50</td>
<td>2.00 to 2.50</td>
</tr>
<tr>
<td>Amaryllis.........</td>
<td>4.00 to 5.00</td>
</tr>
<tr>
<td>1.50 to 2.50</td>
<td>1.50 to 2.50</td>
</tr>
<tr>
<td>Gladiolus.........</td>
<td>1.50 to 2.00</td>
</tr>
<tr>
<td>1.00 to 1.50</td>
<td>1.00 to 1.50</td>
</tr>
<tr>
<td>Sunflower.........</td>
<td>1.50 to 2.00</td>
</tr>
<tr>
<td>1.00 to 1.50</td>
<td>1.00 to 1.50</td>
</tr>
<tr>
<td>Bachelor BUTTONS.</td>
<td>1.00 to 1.50</td>
</tr>
<tr>
<td>0.50 to 0.75</td>
<td>0.50 to 0.75</td>
</tr>
<tr>
<td>2% Rowe (tray box)</td>
<td>10.00 to 15.00</td>
</tr>
<tr>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
</tr>
</tbody>
</table>

(Continued on page 63)
ACCOUNTANT
R. J. Dazyrt, 28 State St., Boston.
For page see List of Advertisers.

ADVERTISERS

 AGREEMENT
Agrarian, rooted cuttings: Metallica, Lindenui, Warscewiczii, $6.00 per 100; P. de Maury, $10.00 per 100; 2 in., 25c. per 100. The GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

ALTERNANERA
Chas. H. Totty, Madison, N. J.
For page see List of Advertisers.

Apelloua
Amelopsis Velthui, 1-yr. plants, $3.00 per 100; $5.50 per 250. Wm. Belchick Co., North Milwaukee, Wis.

ARACORDIS
For page see List of Advertisers.

A. A. Linn., New York.

Ashleisom
French and Dutch Bulbs.
For page see List of Advertisers.

A. T. Holson, 342 W. 14th St., N. Y.
For page see List of Advertisers.

A. T. Hoddington, 342 W. 14th St., N. Y.
For page see List of Advertisers.

A. T. Holson, 342 W. 14th St., N. Y.
For page see List of Advertisers.

A. T. Holson, 342 W. 14th St., N. Y.
For page see List of Advertisers.

A. T. Holson, 342 W. 14th St., N. Y.
For page see List of Advertisers.

BULBS AND TIERS
French and Dutch Bulbs.
For page see List of Advertisers.

B. J. Thorburn & Co., 33 Bareley St., N. Y.
Wholesale Catalogue.
For page see List of Advertisers.

B. J. Thorburn & Co., 33 Bareley St., N. Y.
Wholesale Catalogue.
For page see List of Advertisers.

B. J. Thorburn & Co., 33 Bareley St., N. Y.
Wholesale Catalogue.
For page see List of Advertisers.

T. J. Grey & Co., 32 and 33 So. Market St., Boston.
For page see List of Advertisers.

Horse shoe Iron.
For page see List of Advertisers.

James Vick's Sons, Rochester, N. Y.
For page see List of Advertisers.

John Lewis Childre, Flatbush, L. I.
For page see List of Advertisers.

The W. R. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

Pottier, Follansbee & Co., Rochester, N. Y.
For page see List of Advertisers.

E. S. Miller, Wanting River, N. Y.
Bulbs and Roots for Fall Planting.
For page see List of Advertisers.

For page see List of Advertisers.

CANNAS
R. Vincent, Jr. & Sons Co., White Marsh Ave., Baltimore, Md.
For page see List of Advertisers.

The Improved Canna.

CARNATIONS—Continued
Carnation Plants—French and China, $5.00 per 100; white and pink Law- son, $4.00 per 100. Cash. M. J. Schaff, Donnville, Ill.

CARNATION STAPLE
Split carnations quickly, easily and cheaply molded. Pillsbury's Carnation Staple, 2000 for $1.00, post paid. I. L. Pillsbury, Glenside, Ill.

CHRISTMAS TREES—BALE SPECIEn
For page see List of Advertisers.

CHRYSANTHEMUMS
Blair D. Smith, Adrian, Mich.
For page see List of Advertisers.

Chrysanthemums, rooted cuttings, Mon- rovia, Polly Rose, $12.00 per 100, Violets, Primrose, White, $10.00; $75.00 per 100, Chas. Leiker, Freeport, L. I., N. Y.

DANIELS
Doom's book on the Chrysanth- emum. Addressed to your address for 50c., by Horticulture Publishing Co., 11 Hamilton Place, Boston.

COCOANUT FIBRE SOIL
For page see List of Advertisers.

COLUMBUS
Colons, 2-in. rooted cuttings, Beckwith's Gem, Golden Redder, $6.00 per 100; 24-in. Pictet, red and yellow, Beckwith's Gem, Golden Redder, Verschaffeltii, $2.00 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

CYCLAMEN
Cyclamen—Best Varieties in different colors, 3 inch pots, strong plants, $10.00 per 100; $50.00 per 100.illus Rosse & Sons Co., Rochester, N. Y.

D. C. L. R. Janik, 267 East Broadway, New York.

D. C. L. R. Janik, 267 East Broadway, New York.

Cyclamen—Giant Seed.

D. C. L. R. Janik, 267 East Broadway, New York.

Cyclamen—Giant Seed.

COX'S
Giant cyclamen, our own grown strain, selected from the very best and well-bred plants and flowers. Seed, $1.00 per 100, 50c. per 100; nearly true to type. August seedlings, 2-20 per 100; 19-100 per 100. Plants, well set with buds, 4-in., 15c. and 25c. per 100. Orders amounting to $25.00, 10 per cent. off. Here is one of the many letters we received from satisfied customers: E. A. Hunter & Son, Niagara Falls, N. Y., say: "We are, without doubt, the finest we have ever had and if the seed this year bears the same quality, we will be perfectly satisfied." Our aim has been to and we have improved our stock every year since, in the production of every order. C. W. Winter, Cyclamen Specialist, Defiance, O.

DAHLIA
Herbert, Arto, N. J.
For page see List of Advertisers.

R. Vincent, Jr. & Sons Co., White Marsh Ave., Baltimore, Md.
For page see List of Advertisers.

R. Vincent, Jr. & Sons Co., White Marsh Ave., Baltimore, Md.
For page see List of Advertisers.

For page see List of Advertisers.

Dahlias—2000 field clumps, latest varieties, cheap for cash; or what have you to sell? C. A. L. Drea, Dahlias Expert, North Dighton, Mass.

For List of Advertisers See Page 649
DAHLIAS—Continued

DAHLIAS—Continued

EAST BRIDGEWATER DAHLIA FARMS.

If you are keeping a dahlia stock for your 1912 catalogue, send for Trade List to the Dahlia Secretary, J. K. Alexander, East Bridgewater, Mass.

DAHLIAS NEW FOR 1911

Double Daisies (Belleis), mixed, nice plants, $1.25 each. R. C. L. Advertiser, Philadelphia, Pa.

DAISIES

Double Daisies (Belleis), mixed, nice plants, $1.25 each; $2.00 per 100. M. B. Sanders Co., 25 Barnett St., Providence, R. I.

DECORATIVE PLANTS

A. Lenthly & Co., Perkins St. Nurseries, Brooklyn, N. Y. For page see List of Advertisers.


John Scott, Brooklyn, N. Y. For page see List of Advertisers.

FICUS—Burnett Advertise™.

J. Burnett Advertiser, Chicago. For page see List of Advertisers.

FERTILIZERS

Norwood Plant Food Co., Reverly, Mass. For page see List of Advertisers.

Fruited Manure Co., 1 Union Block and Broadway, Chicago, Ill. For page see List of Advertisers.

Wizard Brand Cattle Manure. The New Mineral & Wood Co., 10 Exchange Place, Boston, Mass. For page see List of Advertisers.

Hardwood ashes, better fertilizer on earth than wood ashes. George Stevens, Peterborough, Ont., Canada.

FERVEF

Feverfew. Rooted cuttings, $2.00 per 100, or $18.00 per 1000. Adolph E. E. Koch, Nashovet, Mass.

FLORISTS' ENCYCLOPEDIA FREE


FLORISTS' LETTERS

Boston Florist Letter Co., 66 Pearl St., Boston, Mass. For page see List of Advertisers.

FLORISTS' SUPPLIES

N. F. McClarty & Co., 114 Hawley St., Boston. For page see List of Advertisers.

H. M. Brown & Sons, 156 Commerce St. and 2 Chapman Place, Boston, Mass. For page see List of Advertisers.

M. Rice & Co., 1230 Race St., Phila., Pa. For page see List of Advertisers.

Reed & Keller, 122 W. 25th St., New York. For page see List of Advertisers.


FLOWER POTS

W. H. Kroen, 29th and M Sts., Washington, D. C. For page see List of Advertisers.


Hillgser Bros., Ft. Edward, N. Y. For page see List of Advertisers.

Syracuse Pottery Co., Syracuse, N. Y. For page see List of Advertisers.

Peters & Reed Pottery Co., Zanesville, O. For page see List of Advertisers.

FORGET-ME-NOTS

Forget-me-nots, winter flowering, large clumps, to close out, $1.00 per 100. Plants from seed. For page see List of Advertisers.


GALAX

Michigan Cut Flower Co., 38 and 40 Broadway, Detroit, Mich. For page see List of Advertisers.

Kervan, New York. For page see List of Advertisers.


Green Galax and Lemonade Sprays. For page see List of Advertisers.

GENIATAS

Genista racemosa, 6-in. pot plants, $25.00 per 100. For page see List of Advertisers.

Stoers & Harrison Co., Painesville, Ohio. For page see List of Advertisers.

GERANIUMS

R. Vincent, Jr. & Sons Co., White Marsh, Maryland. For page see List of Advertisers.

Geraniums, standard varieties, 2½-in. pots, $2.00 per 100. For page see List of Advertisers.

The Kervan Co., New York. For page see List of Advertisers.

Hartford & McDouough, Boston, Mass. For page see List of Advertisers.

J. Frazier, Boston, Mass. For page see List of Advertisers.

H. J. Smith, Madison, Wis. For page see List of Advertisers.

HEATING APPARATUS

Kroschell Bros. Co., 408 Erie St., Chicago. For page see List of Advertisers.


GLASS

Boston Plate & Window Glass Co., Boston. For page see List of Advertisers.

Standard Plate Glass Co., Franklin St., Boston. For page see List of Advertisers.

Foley Mfg. Co., Western Ave., Between 22d and 29th Sts., Chicago. For page see List of Advertisers.

Sharp, Partridge & Co., 22d and Lumber St., Chicago. For page see List of Advertisers.

Parselles Bros., Inc., 217-219 Haveneyer St., Brooklyn, N. Y. For page see List of Advertisers.


GLAZING POINTS


GNAPIALUMS

Gnapium Lanucrum, 2 in., $2.00 per 100. THE GEO. WITTBOULD CO., Edgebrook, Chicago, Ill.

GOLD FISH

Gold fish, aquarium plants, snails, caused globes, aquatic, etc., wholesale. Franklin Burnett, breeder, 881 B. St., Phila., Pa. Large breeding pairs for sale. Send for price lists.

GREENHOUSE BUILDING MATERIAL

A. T. Stuart's Lumber Co., Neposset, Boston. For page see List of Advertisers.

King Construction Co., N. Tonawanda, N. Y. For page see List of Advertisers.

J. C. Monlinger Co., 117 East Blackhawk St., Chicago, Ill. For page see List of Advertisers.

Foley Mfg. Co., Chicago. For page see List of Advertisers.

Pecky Cypress for Beches. For page see List of Advertisers.


S. Jacobs & Sons, 1350-53 Flushing Ave., Brooklyn, N. Y.

GREENHOUSE CONSTRUCTION

King Construction Co., N. Tonawanda, N. Y. For page see List of Advertisers.


W. T. Price Co., Newton, Mass. For page see List of Advertisers.

Pierson G. Hart Co., Newton, Mass. For page see List of Advertisers.


OUTERS

Kling Construction Co., N. Tonawanda, N. Y. For page see List of Advertisers.

King Channel Outers. For page see List of Advertisers.

HAIL INSURANCE

Florists' Hall Asso. of America, J. G. Eiler, Sutter St., San Francisco. For page see List of Advertisers.

HARDY FERNS AND SUPPLIES

Michigan Cut Flower Exchange, 28 and 40 Broadway, New York City. For page see List of Advertisers.

HARDY PLANTS


Green Galax and Lemonade Sprays. For page see List of Advertisers.

GERANIUMS

Genista racemosa, 6-in. pot plants, $25.00 per 100. For page see List of Advertisers.

Stoers & Harrison Co., Painesville, Ohio. For page see List of Advertisers.

GERANIUMS

R. Vincent, Jr. & Sons Co., White Marsh, Maryland. For page see List of Advertisers.

Geraniums, standard varieties, 2½-in. pots, $2.00 per 100. Ready now. For page see List of Advertisers.

Susan B. Saunders, N. Y. For page see List of Advertisers.

Geraniums, 8 ft. Nutt 2 in., Rose 2 in., $2.00 per 100. THE GEO. WITTBOULD CO., Edgebrook, Chicago, Ill.

FOR IMMEDIATE DELIVERY WE OFFER

Adiantum Farlevene, 2½-in. flower plants, $12.50 each; 4-in. $18.00 each. This is a good bedding plant for staff of quality (we need the room)

J. A. PETERSON.

McHenry Ave., Westwood, Cincinnati, O.
LANTANAS
Lantana Dedicatedisima, 2 ft., $2.00 per 100.
P. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

LAUREL

LILAC
Rouen, 3 to 4 feet, six to fifteen branches, an ideal hedge as it stands, $10.00 per 100. C. S. Harrison's Select Nursery Co., N. Y.

LILIJUM HARRISH
F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

LILIJUM MULTIFLORUM ET OIGAN-
TEUM

MARGARITIS
Margaret white and yellow cuttings, $6.00 per 100. Margarite plants, yellow, 2 in., $2.00 per 100; $1.25 per 100. THE GEO. WITTLORD CO., Chicago, Ill.

MARTICA

MAPS FOR COLD FRAMES
Wm. Elliott & Sons, New York, N. Y.

MACHINES

MARGOS
See IMP. SOAP SPRAY for page for List of Advertisers.

MATAIS
See IMP. SOAP SPRAY for page for List of Advertisers.

MATS
See IMP. SOAP SPRAY for page for List of Advertisers.

MARGARET STOCK
See IMP. SOAP SPRAY for page for List of Advertisers.

NURSERY STOCK
P. Overweker, Weelheaven Heights, N. Y.

NURSERY CEREUSES
See IMP. SOAP SPRAY for page for List of Advertisers.

P. Overweker, Weelheaven Heights, N. Y.


NURSERY TREES
See IMP. SOAP SPRAY for page for List of Advertisers.


NURSERY UNIFORMS
See IMP. SOAP SPRAY for page for List of Advertisers.

NURSERY PLANTS
See IMP. SOAP SPRAY for page for List of Advertisers.

OCHID PLANTS
See IMP. SOAP SPRAY for page for List of Advertisers.

ORNITHOLOGY PLANTS—Continued
Ordonez Bros., Madison, N. J., Box 108.

PAPYRUS
Jullian Roche Co., Kurtherfield, N. J.

PAPER POTS
Paper Pots, 5000 3 in. 2%, 5% in. $4; 2 in., $3. Shipped flat, low rates. Large sizes to order.

PECKY CYPRESS BENCHES
See IMP. SOAP SPRAY for page for List of Advertisers.

PEONY STOCK
See IMP. SOAP SPRAY for page for List of Advertisers.

PEONIES

PEONIES—100 sorts, enormous stock

PLANTS
See IMP. SOAP SPRAY for page for List of Advertisers.

PLANT STAKES
See IMP. SOAP SPRAY for page for List of Advertisers.

PLANT TUBS

PLANTS
See IMP. SOAP SPRAY for page for List of Advertisers.

PLANTS
See IMP. SOAP SPRAY for page for List of Advertisers.

PLANTS
See IMP. SOAP SPRAY for page for List of Advertisers.

PLANTS
See IMP. SOAP SPRAY for page for List of Advertisers.

PLANTS
See IMP. SOAP SPRAY for page for List of Advertisers.

PLANTS
See IMP. SOAP SPRAY for page for List of Advertisers.
In writing to Advertisers kindly mention Horticulture.
Flower Market Reports (Continued from page 16)

per 100. There has been a good demand for green and decorative goods for Halloween. A considerable quantity of miscellaneous was disposed of during the week at $3 per 100.

The wholesalers say ST. LOUIS that last week was a good one with them and all fancy stock sold well. Plenty of stock is being consigned to this market, chrysanthemums being quite heavy at present and bringing a good price. Rases of all usual varieties are most plentiful. Carnations are somewhat scarce. Violets are looking better each day. The frost of the past week has killed off all outdoor stock—the retailers all say that the business has picked up greatly since the cold weather set in.

The decided WASHINGTON change in the weather last week and the exceptional number of large weddings and funerals created a great boom locally. In addition to this several of the large department stores celebrated anniversaries and these called for large quantities of cut flowers. The frost of Thursday and Friday nights killed off a lot of the outdoor stock, much to the delight of those operating houses. Cosmos and dahlias will soon be memories and their going brings in the chrysanthemum, which, at this writing, is coming into the market in excellent shape. One local firm is cutting between two and four thousand blooms daily and are disposing of all they cut. All stock is very plentiful with the possible exception of carnations, which, however, are of fine quality. Orchids and gardenias are plentiful and the supply and demand are about equal. The northern violets are very good, indeed, and are being sold in larger quantities. Lily of the valley is going good and greens are also moving well. Roses are more plentiful and in better shape than they have been. Business has been very good and there has been little cause for complaint.

DREER'S "Riverton Special" Plant Tub

Manufactured for us exclusively. The best tub ever introduced. The neatest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have up handles.


1000 READY PACKED CRATES

STANDARD FLOWER POTS AND BULB PANS

can be shipped at an hour's notice. (Price per crate)

2000 1 1/2 in. @ $6.00 500 4 in. @ $4.90
1500 2 in. @ 4.98 400 1 1/4 in. @ 5.34
1000 2 1/2 in. @ 3.80 300 1 1/2 in. @ 4.81
500 3 in. @ 3.00 200 5 1/2 in. @ 3.75
250 3 1/2 in. @ 2.10 100 6 in. @ 4.00
150 4 in. @ 1.75 50 7 in. @ 4.40
100 5 in. @ 1.50 50 8 in. @ 4.20

HILLFINGER BROS., Pottery, Fort Edward, N. Y.
August Roller & Sons, 31 Bartley St., N. Y. C. City Agents.

FOR SPECIALTY—Long distance and super trade.

Syracuse RedPots

"A little pot is soon ho," likewise a thin pot. This will save you fuel. Our pots are the thinnest and toughest owing to the superior quality of the clay. New price list on application.

Syracuse RedPot Co., SYRACUSE, N.Y.

STANDARD FLOWER POTS

If your greenhouses are within 50 miles of the Capital, write us, we can save you money.

W. H. ERNEST

28th & M Sts., Washington, D. C.

ALL THE CLAY

Florist' Red Pots is prepared by passing through a screen 1600 meshes to the square inch. It is in a hurry for pots, order from us. THE PEETERS & RED POTTERY CO., Zanesville, Ohio.

PATENTS & SIGNS

Trademarks and Copyrights

Send your business direct to Washington. Saves time and incurs better service. Personal attention guaranteed.

SPECIALTY: "Working on the Failures of Others."

SIEGERS & SIGERS

PATENT LIQUID

Box 9, National Union Building, 1 National Union Building, Washington, D. C.
POULTRY and FRUIT REVIEW

A publication on the farm journal that reviews all poultry and fruit papers in the United States, will be sent on trial one year to all who send 15 cents, to pay wrapping and postage, and names of three fruit or poultry raisers.

THE REX COMPANY
HARRISBURG, PA.

SITUATIONS WANTED

SITUATION WANTED in Massachusetts by an all-around gardening and horticulture boy. Has several years experience. Rose growing a specialty. Capable to take full charge. Now in charge of a greenhouse. Will give reasonably wages and permanent position desired. Married; no children. Address N. H., care HORTICULTURE.

GREENHOUSE ASSISTANT

Single man as greenhouse assistant; must have a good knowledge of all greenhouse work; good wages will be paid to right man. Apply with references to

J. HAMILTON, Warwick, R.I.

FOR SALE

FOR SALE—Fresh from factory, new
10 x 12, 8 x 10, 6 x 12, double thick, A and B grade. Call or write. Now is the time to buy and save money. Parish & Bros., Plainville, R.I.


MISCELLANEOUS
LUANDSCAPE GARDENERS

Will find it to their interests to read "LANDSCAPE GARDENING," recently published. LANDSCAPE GARDENING, regularly. Some gardeners consider it the best journal on landscape gardening. Send 25c, for two copies and special offer to new subscribers.

R. L. HIGHT, Scott, 321 Pearl St., Chicago, Ill., Horticulture.

The Red Island Glass Factory is the name of a new concern that has been incorporated and the plant will be located on Broad street, Central Falls, R. I. where active work has been started on the erection of the new building. The incorporators are Francis B. Keeney, Herbert J. Humphrey and Thomas F. Sexton, all of Providence.
**NIKOTEEN**
The most effective and economical material there is for spraying plants and blooms. NIKOTEEN skilfully extracted from leaf tobacco, and carefully refined, it is clean and easy to apply. NIKOTEEN does the work when vaporized either in pans, or pipes, or over a flame.

**NIKOTEEN APHIS PUNK**
Specially prepared for fumigating closed houses. It vaporizes the Nicotine readily and without waste. Nothing keeps a house free from Aphids so cheaply.
Price $0.60 per case of 12 paraphernal boxes. All Seedmen.

---

**KILMDEAD**
The best of all the tobacco dusts for Dusting or Fumigating

**Imp Soap Spray**
Clean and odorless. Forms invisible film.
Non-corrosive. Usual effective strength, one to thirty-two.

**Spray Your Trees and Do Your Whitewashing**
With Deming Sprayer Pumps. You can have a good job of peels, plums, cherries, apples, etc., if you keep your trees in good condition—free from insects.

**To-Bak-Ine Products Kill Bugs**
You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free).

*Use any form you choose but buy it of E. H. HUNT, 131 N. Wabash Avenue, Chicago*

**APHINE**
The insecticide that kills plant lice of every species.

**The Best Bug Killer and Bloom Saver**
For PROOF Write to
P. R. Palethorpe Co.
OWENSBORO, KY.

**Wilson Plant Oil & Fertilizer Company**
ELIZABETH, N. J.
Horticultural Supplies

**MASTICA FOR Greenhouse Glazing**
USE IT NOW.
F. O. FIERCE CO.
12 W. BROADWAY
NEW YORK

**Dreer’s Peerless Glazing Points**
For Greenhouses
Drive easy and true, because both heads are on the same side. Can’t twist and break the glass in driving. Galvanized and will not rust. No sight of letters. The Peerless Glazing Point is patented. No other like it. Order from your dealer or direct from us.

---

**NIKOTEEN APHIS PUNK**
Specially prepared for fumigating closed houses. It vaporizes the Nicotine readily and without waste. Nothing keeps a house free from Aphids so cheaply.
Price $0.60 per case of 12 paraphernal boxes. All Seedmen.

**Wilson Plant Oil & Fertilizer Company**
ELIZABETH, N. J.
Horticultural Supplies

**MASTICA FOR Greenhouse Glazing**
USE IT NOW.
F. O. FIERCE CO.
12 W. BROADWAY
NEW YORK

**Dreer’s Peerless Glazing Points**
For Greenhouses
Drive easy and true, because both heads are on the same side. Can’t twist and break the glass in driving. Galvanized and will not rust. No sight of letters. The Peerless Glazing Point is patented. No other like it. Order from your dealer or direct from us.
KROESCHELL BOILER
Half the Coal and Half the Work.

"...Your No. 13 boiler is carrying 25,000 sq. ft. of glass and I can keep it at 40 degrees in the coldest weather without any trouble. I have three other types of boilers also heating a range of 25,300 sq. ft. of glass, but the No. 13 Kroeschell Boiler ONLY TAKES HALF THE COAL and half the work to get the same results."

J. G. Frizel, Vincennes, Ind.

LOUISIANA RED CYPRESS
GREENHOUSE MATERIAL
STEEL GUTTERS, TRUSSES, PURLINS, PIPE, FITTINGS, GLASS, And Etc.
PRIVATE AND CONSERVATORY WORK A SPECIALTY.
The Foley Manufacturing Co.,
Western Ave. and 26th St., Chicago.

IF
IF YOU CONTEMPLATE BUILDING GREENHOUSES
CONSIDER FIRST
KING GREENHOUSES
THEY ARE UP-TO-DATE SCIENTIFICALLY DESIGNED.
LONG LIVED, AND TRULY ECONOMICAL
PRIVATE GREENHOUSES
ARE GIVEN SPECIAL ATTENTION AS TO ARCHITECTURAL
EFFECT AND PRACTICABILITY
KING CONSTRUCTION CO.
Home Office and Factory
N. TONAWANDA, N. Y.
Eastern Sales Office
No. 1 MADISON GARDENS, N. Y.

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders In
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.
CHICAGO, ILL.

Ventilating Machinery
is our business
We know something about it for that is our life work.
We make machines and fittings to suit any condition
in your greenhouse.
We recommend only that which is best suited to your house, in which you get the benefit of our long experience.

BOSTON PLATE & WINDOW GLASS CO.
Greenhouse Glass
GERMAN AND AMERICAN
251 to 267 A St. BOSTON 28 to 22 Canal St.

LET US QUOTE YOU ON NEW AND SECOND-HAND
Boilers, Pipe, Fittings, Glass, Greenhouse Lumber, Tools, Sash, Etc.
METROPOLITAN MATERIAL CO.
1553-1555 Metropolitan Ave., Brooklyn N. Y.

In ordering goods please add "I saw it in HORTICULTURE."
HERE is a beautiful formal sunken garden, flanked on two sides by U-Bar greenhouses. These houses replaced those of other constructions that were torn down because they were not in keeping. The U-Bar was chosen because of its airy gracefulness, durability and unmatched productiveness. These are the points on which it wins out. Always it is a case of superior points—and not one of mere price.

The best, of course, must cost more. But U-Bar houses are worth a good deal more than their difference in cost. The catalog both tells and shows why. Send for it.

U-BAR GREENHOUSES
PIERSON U-BAR CO
ONE MADISON AVE., NEW YORK
CANADIAN OFFICE, 60 PHILLIPS PLACE, MONTREAL

LILIUM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season
We think we can make it to your advantage to do so, as regards both quality and price.
The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6-7 inch bulbs, 255 to the case, $15.00 per case; full thousand lots, $45.00 per 1,000.
7-8 inch bulbs, 280 to the case, $16.00 per case; full thousand lot, $75.00 per 1,000.
8-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.

FERNS
We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.
Nephrolepis Bostoniensis and Piersonii, 6-in. pots ........................................ $0.50 each
Nephrolepis Elegansissima, Piersonii, Bostoniensis, and Harrisii, heavy 8-in. plants ...... $1.00 to 1.50 each
Nephrolepis Elegansissima, Bostoniensis, and Harrisii, heavy 10-in. plants .................. 2.50 each

F. R. PIERSOON COMPANY, Tarrytown-on-Hudson, NEW YORK
Pot-Grown Black Hamburgh Grapes
Grown by Samuel Murray, Kansas City, Mo.
THANKSGIVING SUGGESTIONS

For that Thanksgiving Dinner — you need an assortment of New and Novel Favors that our Mr. M. Rice personally selected while in Europe. Special line of decorated wooden ware in odd shapes from Holland. We illustrate a few — have lots of other makes a hit with your customers.

Numbers: 
- 523: $1.00 per dozen
- 100/2: $1.00 per dozen
- 120/2: $1.00 per dozen
- 725: $1.50 per dozen
- 100/2: $1.00 per dozen
- 119/1: $1.00 per dozen

Special price in 100 lots

KATALOG for the asking.

Manufacturers—Importers—Originators
M. RICE & CO. 1220 Race Street PHILADELPHIA, PA.
The Leading Florists’ Supply House and Ribbon Specialists

WERTHEIMER-BROTHERS

means ribbon and chiffon satisfaction. It is not a question with us of reducing quality to meet a fixed price. The reputation of this house has been built up by the quality of its products. Write for samples of our latest creations.

WERTHEIMER BROTHERS
THE NATIONAL FLORAL RIBBON HOUSE
565-567 Broadway at Prince St., NEW YORK

ROEHR'S
Azaleas, Palms, Lorraines, Crotoms
RUTHERFORD, N. J.

Boston Ferns 2½ in. $3 per 100; $30 per 1000
Whitmani $5 per 100; $40 per 1000; 250 at 1000 rates

Araucaria Excelsa
5 in., 3 to 4 ft. 30c, 40c, and 50c; 5½ to 6 ft. 40c, 50c, and 60c; 6 to 7 ft. 75c, 85c, and $1.00; 7 ft. 100c, 125c, 150c, and 200c; 8 ft. 150c, 200c, 250c, and 300c; for lawns; porches, $1.50 to $2.00.

Cash with order, please.

Godfrey Aschmann
Wholesale Grocer, Shipper and Importer of Pot Plants.
1012 West Ontario St., PHILADELPHIA, PA.

PALMS, FERNS AND DECORATIVE PLANTS
JOHN SCOTT
Rutland Road and E. 45th St.
Tel. 960 Bedford BROOKLYN, N.Y.

ASPARAGUS HATCHERI
The new Asparagus. Beats the old plam-lets hands in every respect. From 3½- inch pots, $15 per. 100.
A. N. Pierson, Inc. CROMWELL, CONN.
CANNAS

Owing to the unusual demand and general shortage of crop, we have already booked up on some kinds. Better get your order in early — send for list and prices. We have a good assortment at $2 per 100, $15 per 1000.

Dahlia Roots

We have a fine assortment of only good varieties in all classes which we offer at $5.00 per 100, $40.00 per 1000. Special prices on large lots.

R. VINCENT, JR., & SONS CO., White Marsh, Md.
Boddington’s “Quality” Tulips

Decoration-Day or May-Flowering, Darwin, etc.

Live, up-to-date and progressive, we might say aggressive, florists are planting more and more every year, the above useful and profit-bearing Tulips—because once planted they bloom from year to year with increasing value. With their immense flowers and long stems, (sometimes nearly three feet) and variety of colors, they sell as quickly again as the early varieties and come at a season when they are always welcome.

Darwin Tulips

(To Name)

Darwin Tulips are among the most varied and beautiful of all the early Tulips. Planted in the border they come into flower in late May and June. Flowers are large and borne upon tall, erect stems. Like the May-flowering Tulips they are indispensable for Decoration Day.

**Bizzare**. Handsome, rich flowers, with yellow ground, feathered or striped with crimson, purple and white; finest mixed........... $1.00 $5.00

**Bouquet d’Or**. Has deep clear yellow, globular, medium sized blossoms, with curious black, ruffled stamens.... 1.00 8.75

**Byblus** (Violets). Late Tulips with white ground, blotched, striped or feathered with violet, blue or black; finest mixed........... 1.25 10.00

**Byblus** (Roses). Superfine mixed........... $1.50 per 100: $10.00 per 1000

**Darwins**. Very large flowers of good shape, on tall, strong stems; for brilliancy of color they surpass any other Tulip; they include every known shade from the lightest to the brightest hue; finest mixed........... 85c. per 100: $7.50 per 1000

**Canalierina** mucropila. Crimson-scarlet, black and yellow center. 85c. per 100: $7.50 per 1000

**Golden Eagle**. A showy and attractive variety, colored with a real deep yellow red. It blooms about the same time as Canalierina. 85c. per 100: $7.50 per 1000

**Golden Crown**. An annual for very showy and attractive variety, with a rich deep yellow color, and the petals edged and spotted with red. It blooms about the same time as Canalierina major. 75c. per 100: $6.00 per 1000

**Parisian White**. Rich lemon-yellow, with deeper center. $1.25 per 100: $10.00 per 1000

**Royal White**. Pure white. $2.00 per 100: $18.00 per 1000

**Vieille**. Pale primrose, passing off to pure white, a tall exceedingly handsome variety. $1.75 per 100: $15.50 per 1000

Boddington’s “Quality” Superfine Mixture May-Flowering Tulips, for decorating, and for planting in herbaceous or shrubbery borders........... $0.35 $0.50

**CHIECE MAY-FLOWERING, OR DECORATION-DAY TULIPS**

**CALEDONIA**. Bright orange, very beautiful variety........... $1.25 $10.00

**Canalierina InXodes**. Beautiful yellow, very large, deep center........... 1.25 10.00

**Ellen Willmott**. Undoubtedly the finest May-flowering Tulip. Flowers very large, beautiful form and of a soft creamy yellow; finest mixed........... 1.50 12.00

**INGLESCOMBE SCARLET**. Very brilliant scarlet, black eyes, a grand variety........... 1.75 16.00

**INGLESCOMBE YELLOW**. A large, round, yellow flower of perfect form, glossy and beautiful........... 5.25 55.00

**PRINCE OF BEAUTY**. Color soft primrose, changing to white........... 3.00 28.00

**SINGLE NAMED TULIPS**

All First Size Flowering Bulbs Only

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
<th>Plants per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Artus</strong> Dark scarlet</td>
<td>$0.95</td>
<td>100</td>
</tr>
<tr>
<td><strong>Belle Alliance</strong> Scarlet, good bedding</td>
<td>$1.25</td>
<td>100</td>
</tr>
<tr>
<td><strong>Canary Bird</strong> Beautiful late yellow</td>
<td>$1.00</td>
<td>250</td>
</tr>
<tr>
<td><strong>Chrysolora</strong> Pure yellow, handsome flower</td>
<td>$0.85</td>
<td>100</td>
</tr>
<tr>
<td><strong>Crown imperial</strong> Beautiful flower</td>
<td>$1.25</td>
<td>100</td>
</tr>
<tr>
<td><strong>Crimson King</strong> Bright crimson, showy bud</td>
<td>$0.75</td>
<td>100</td>
</tr>
<tr>
<td><strong>Duc de Villars</strong> Red and yellow</td>
<td>$1.75</td>
<td>100</td>
</tr>
<tr>
<td><strong>Duc du Thol</strong> Scarlet</td>
<td>$0.75</td>
<td>100</td>
</tr>
<tr>
<td><strong>Duc du Thol</strong> White</td>
<td>$0.75</td>
<td>100</td>
</tr>
<tr>
<td><strong>Duc de Tonnay</strong> Pure white</td>
<td>$0.75</td>
<td>100</td>
</tr>
<tr>
<td><strong>Golden Queen</strong> Very large, fine branch</td>
<td>$1.50</td>
<td>100</td>
</tr>
<tr>
<td><strong>Joan of Arc</strong> Pure yellow</td>
<td>$1.00</td>
<td>100</td>
</tr>
<tr>
<td><strong>La Reine</strong> White, slightly rose-shaded, good</td>
<td>$1.75</td>
<td>100</td>
</tr>
</tbody>
</table>

**ARTHUR T. BODDINGTON, Seedsman, 342 West 14th St. NEW YORK CITY**
Seasonable Notes on Culture of Florists’ Stock

AZALEA MOLLIS

These plants are excellent for forcing all through the winter and every florist should grow a few as they have some very charming colors not seen in the evergreen ones. Pot them as soon as you receive them, give a good soaking of water at the roots, and store away in some coldframe and keep cool until they are wanted for forcing. They can be forced into blooming in 6 or 7 weeks if given a temperature of about 55 degrees at night with a rise of 15 degrees through the day and with sunshine. Syringe freely and the plants will break away quickly. When the flowers are all nicely expanded they will last longer and be better for the customer if kept 10 or 15 degrees cooler. It does not pay to start too many together as they do not keep so long as the Indian azaleas.

GLADIOLI FOR FORCING

All the small-bulbed gladioli such as Colvillei The Bride, Peach Blossom, Crimson Queen, Mathilde, Blushing Bride and others that were started in September and grown in a cold frame, if not already removed to a cool greenhouse should be so treated now. They should stay there until after the first week in January when the boxes or flats will be well-filled with roots and a top growth started. Don’t give them too high a temperature for it will only make them grow weak and spindly and the flowers will lack substance. Keep the temperature as near 50 degrees at night as possible as this is as high as they seem to care for. Some weak liquid manure about once a week will help the size of the flower. Some time during this month all the large-bulbed kinds such as America, Augusta, Mrs. Francis King, Shakespeare, Brenchleyensis, and others can be planted in boxes which should be from 6 to 8 inches deep or they can be planted where the chrysanthemums have been. Planted anywhere from the last of this month until middle of December flowers will be ready to cut about the middle of March. It is better to make successive plantings about every 2 weeks thereby prolonging the season. They like a good rich compost, say about two-thirds of well-decayed sod and one-third well-rotted barnyard manure. Give them ten inches between the rows and four inches between the bulbs will be ample. Maintain a free circulation of air when possible.

LILIUM MULTIFLORUM AND OIOANTEUM

Pot these bulbs as soon as you get them as they don’t gain anything by being left lying around and as Easter comes on April 7th next year it will take all their time to make roots and some hard forcing later on to have them on time. The pots generally used are 5 or 6-inch according to the size of the bulbs. Place them beneath a bench in a cool house where they will not get much drip, as that is sure to sodden and sour the soil. See that the soil is just kept moderately moist. In eight or ten weeks they will have made a few roots. These lilies want very little water until they have made some good roots, but when they have filled their pots with roots they will want an abundance of water. Give them a bench in a cool house when they have made a growth of a few inches. The giganteums that you want to retard for later should be placed in a cold frame and protected with sash until after the New Year and then removed to the coolest house you have, with plenty of ventilation.

MARGHERITES

Plants intended for Easter flowering should be pinched until the middle of December so as to have them nice and shapely. Plants that have their pots filled with roots will require a copious supply of water. If they are in 5-inch pots and well pot-bound they should be repotted into 7 or 8-inch pots, using a rich compost of three parts loam to one part of broken up cow manure, with a good sprinkling of fine bone and a little soot. Be sure to pot them firmly. Growth on in a cool house with plenty of light, by spring they will be blooming freely and will make good salable Easter stocks.

Now is a good time to insert a batch of cuttings as these will make excellent stock when grown on up to a 5 or 6-inch for late spring flowering and especially for Memorial Day.

PREPARING LAND FOR NEXT YEAR

Every florist who has land in which to grow his stock should always make it an aim to restore to the soil some of the organic and mineral substances which have been taken away by previous crops. The first thing that suggests itself is manuring as an expedient in upholding its fertility. Now is a good time to give your land a liberal dressing of coarse barnyard manure and by plowing or digging now instead of in the spring you will gain a whole lot in texture and fertility. This is about the only means of bringing heavy soils into proper condition for early planting. The freezing and thawing that it goes through during the winter makes it free from all acidity and sogginess and leaves it in a finely pulverized form for final preparation in the spring. Give your crops a change from one piece of ground to another every year as the nourishing substances essential for one particular kind of plants differ from those needed by another. Some florists’ establishments have quite a lot of land under cultivation so can reclaim their worn-out land by running it in grass crops for a few years while it will again be fit as tillable land. For those that have only a comparatively small parcel of land and cannot afford to let it lie idle for this time there is nothing better than sub-soiling, the sub-soil plow following after an ordinary plow loosening the lower layer of soil and fairly well intermingling the two. Where the ground area is very limited there is nothing better than the more thorough going procedure of trenching, with a heavy coat of manure intermixed with the surface soil.

ROMAN HYACINTHS FOR CHRISTMAS

To have these bulbs in flower and in good shape for Christmas they should first of all have good roots with a top growth of two or three inches before they are brought into heat, otherwise they will be a failure. Give them a temperature of 50 degrees for the first ten days and 60 degrees up until the flowers are well opened, when they should expand their flowers fully open in a house that is much cooler with plenty of fresh air. They should be allowed from 6 to 7 weeks to perfect themselves.

Mr. Farrell's next notes will be on the following: Care of Cutseys; Chrysanthemums, etc.; Forcing Iris; Lily of the Valley; Potting Soils for the Winter.
Horticulture

November 11, 1911

Contents

Cover Illustration—Pot-Grown Black Hamburg Grapes.


FRUIT AND VEGETABLES UNDER GLASS:

The Exhibitions:
Red Bank, N. J.—American Institute—Stamford, Conn.
Elberon Horticultural Society—Nassau County Horticultural Society—Horticultural Society of New York—Dept.

British HORTICULTURE
Gladiolus and Dahlia Notes—C. Betzcher.

Clubs and Societies:

Chrysanthemum Society of America—President Elmer D. Smith's Address.

Of Interest to Retail Florists:
The New Bredl Store, and Related.

Steamer Departures.
Flowers by Telegram—New Flower Stores.

Pot-Grown Grapes.

During Recent—New York Horticultural Bowl- ing Scores.

Seed Trade—Prize Vegetables at Boston—Nokians Seed Laws or the Restrain of Seed Trade.

Flower Market Reports:
Boston, Chicago, Cincinnati, New York.
Philadelphia, Washington, St. Louis.


Miscellaneous:
Roses in Cuba.
A Bermuda Letter, Illustrated.
A Rose Letter.
Boston Landscape Classes.
Personal.
News Notes—666-672-675.
Cherry Notes.
Chicago Notes.
Incorporated.
Washington Notes.
St. Louis Notes.
Boston Notes.
Catalogues Received.
Philadelphia Notes.
American Greenhouses—Aberdeen.
Patents Granted.
Greenhouses Building or Contemplated.
"Flowers".

Congratulations to Rochester on the opening of her splendid park conservatory. No municipal park system is adequately equipped without such structures. Where they have been supplied the interest displayed by the public and the throngs of people that frequent them on special floral show days ought to confound and silence any argument that could possibly be advanced for their exclusion. All honor to the benefactors who chose this utilitarian form of memorial instead of medieval stained glass windows and marble sculptures. Her example is worthy of emulation.

What the Dahlia Needs
We have all heard from time to time of more or less disparagement of the dahlia as a desirable garden ornament.

Enthusiasm
Among the essentials for success in any venture it is safe to say that no one qualification counts for more than enthusiasm. It has been said that "without enthusiasm the man's other good qualities are nearly lost." True as this is of an individual it is even more so of an association. This was deeply impressed upon us by the hearty zeal and confident self-reliance which characterized the meeting in Boston last Saturday in the interests of the Sweet Pea Society of America and the exhibition which is to be held in Boston next summer by that young organization and the Massachusetts Horticultural Society. The spirit of the "causes in the air" kind was that of the most substantial character and so infectious that every one present was filled with its ardor. George C. Watson, who only looked in on the meeting for a few moments on his way to Philadelphia was so imbued with its influence that he was impelled to write us in glowing words about the great power which seems now to be inspiring so many to work for the elevation and advancement of American horticulture. Mark the sweet pea demonstration of next July as destined to be an eye-opener as to what well-directed enthusiasm can accomplish. Then consider whether any club or society in which you are enrolled is lacking in that respect and get busy. There's no excuse for a decadent society in these days of inspiring horticultural outlook.
Fruit and Vegetables under Glass

CLEANING AND RENOVATING EARLY VINERIES

The early vineyard for starting December 1st—the earliest practical date—should now be thoroughly cleaned and renovated ready to start away as December comes in. Pot vines are sometimes started through November, but this is early enough for any in borders. The leaves having fallen, prune the laterals back to two eyes; young canes not having filled their allotted space can have an extension of about three feet. A sharp knife is preferable to shears for pruning vines; a cleaner cut is made with less liability to bruise the wood. As a preventive against bleeding later on, dress all cuts with "stypic," a special preparation for the purpose obtainable from the seed stores. A little prevention is worth a lot of cure later on. A bleeding vine is one of the most unwelcome things one could have. Sometimes all efforts to staunch the wound prove futile. Have the whole house thoroughly washed down—glass, woodwork, walls, etc.; this helps to do away with any pests or diseases which may have been prevalent during the past season, as well as giving the house a clean appearance. Cleaning of the vines is a self-adjusting duty. If during the past season they were clean—no meal bags, red spider, etc., little scraping of the rod and spurs is necessary; the hand rubbed around them to remove any loose bark will suffice. On the other hand if pests were prevalent every bit of loose bark should be removed, excavating the hiding pests and making it easier for the winter wash to do its work. Avoid scraping the vines down to the live tissues as that is very injurious—the vine in its natural state sheds its bark itself naturally. As will be seen by the foregoing notes the cleanliness of the vines during last year's growth will determine what the nature of the winter wash should be. If mealy bug, for instance, was troublesome use a strong insecticide taking care to keep it off the eyes while thoroughly working it into all the crevices and holes. As an ordinary preventive winter wash Gishurst's Compound is safe and effective. Rods can be washed more than once with this if thought necessary.

Any renovation of the border if not already done should be pushed on at once. Cow manure or other mulching must be carefully got off. If no surface roots are visible an inch or two of the top soil can be taken off and replaced with fresh loam. It is not wise to force a house so early if the border has to undergo any severe overhauling. Younger vines not having the soil extended to its limit can have an addition if they have filled up what they have with roots. This is similar to making a new border, which I will deal with in a later issue. Keep the house as cool as possible until time for starting; five or six degrees of frost will be beneficial to them, but do not allow it to enter the border. This winter cleaning I have treated at length as it applies to all vineyards as their turn comes and much of next year's success depends on it.

STRAWBERRIES FOR FORCING

Preparation must now be made for plunging the pots so as to prevent their bursting as the soil freezes up. If frames and sash can be spared for them, plunge them in these about one foot from the glass. Keep the sash off until very severe weather sets in. Should the frames be occupied with other stock make a temporary frame to keep the leaves from blowing about and some straw or other suitable material must be handy to cover them over in severe weather. See that the pots are kept level and the leaves are pressed as tightly as possible in between each pot, leaving no void spaces for the frost to work in. This also is applicable to pot vines. These pots are best left outside for 10 or 12 degrees of frost, but the pots must be protected.

ROOT PRUNING ILLUSTRATED

In our issue of Nov. 26, 1910, we were able to show a picture of a peach tree with a year's root growth exposed and the same pruned and ready to be covered with soil.

Above is a picture of one of the same trees, showing the result of root pruning. Notice the quantity of fibrous (feeding) roots, and the break where each strong root was cut back last year. This tree carried a good crop last summer and looks promising for the coming year.

FORCING RHUBARB

It may seem early for forcing rhubarb, but if the roots were lifted and subjected to a few frosts, there will be no difficulty in getting it in for Christmas. It seems essential that the roots should be in a dormant condition before starting. Make sure that several frosts have done this work before commencing. It will pay to furnish all early forced rhubarb with bottom heat. If some of the heating pipes do not do this make up some hot bed material of stable manure and leaves in equal parts. Place the roots on these, cover with loose soil, give a liberal supply of water while growing, and keep a night temperature of about 60 degrees. Growth will be more rapid if the light is excluded. (See Buyers' Directory p. 683 for address of parties offering rhubarb roots for forcing.)

George H. Benson
HORTICULTURE
THE EXHIBITIONS

660

RED BANK,
which

That

N.

J.

accomplished under

is

highest
deserves
difficulties
praise and in this manner do we conitli annual exhibition of the
sider the
Monmouth County Horticultural Society held at the armory, Red Bank, Nov.
2nd and 3rd. In the first place one had
very
to climb up a dark stairway to a
unattractive room. Then again there
were many absent from the benches of
this show who held prominent places
there in other years. Therefore the entire thing depended on a few brave
hearts and right nobly did they respond. Consequently we praise rather
than criticize. It has been deeply impressed upon the minds of competitors
at all the exhibitions in and around
New York that a few men from New
Jersey not only helped very considerably to make all the shows successful
but also won many of the principal
awards. We hope the next show given
at Red Bank will be remarkable for
the amount of outside competitors.
They deserve it, and reciprocity in
The
this manner will bear good fruit.
quality of blooms shown here were
equal to and in many cases superior to
those seen elsewhere. After the judging a mixed battalion of good-fellows
escorted the judges, Messrs. William
Duckham, Peter Duff and John Brunger to the Globe Hotel where a de-

most

I

and conversazione was
indulged in. Bright indeed were the
unset jewels of rhetoric that shone in
that jolly crowd on all topics from
pumpkin mother's pie to Jersey lightning politics. Charlie McTaggart being
the only seedman present had to give
a skirl on seeds. A searching party
was sent out for Al. Rickards who got
his squad 'round some corner into
some unknown cosey place. It's always a misfortune to miss 'Al.' There
was very considerable fun on the alleys at Sheridan's and was sorry we

lightful dinner

to leave

had

it all

there.

The Awards.
foliage,

I

i

rotty,

ii

i

Mary Donnellan,

Wm. Duckham,
Mrs

view. Mary
and Mrs. H. Far18
Hale was second.

8

I>

Nellie

Merstham's Blush,

viger,

Pres.

Pockett.

Po
II.

1st. lames Kennedy, with
l!an. Rose Pockett and
D
2nd. Frank Logan; 3rd,
rink;
Wells' late
1st. W m.
12 var.:
s,
Dowlen, 1-' id
is,

6

var.:

W

id. A.

the

In

si;,-

3rd, Frank Logan.
classes, the winners of

Bauer;

tdooni

were Jas Kennedy. G. H. Hale. B.
The gold, silver
Wvckoff. Wm. Turner.
bronzo medals for three blooms of William Turner were won hy A. Bauer, Wm.

1st

Tinner
th

•

Wyckoff respectively. Vase of
1st for G. II. Hale were
S
se.n at any of the shows. W. W.

B.

finest

Kennedy & Sens won

a

W

White wonder, Enchantress and

"special

for a re-

fine collection of pompons and
single varieties, as also did Thos. Median
H.
& Sons for hardy chrysanthemums andwon
D. Mcintosh
Collis for cactus dahlias.
of fine blooms of
a special for a vase

mnrknbiv

For group
Black Hav,k chrysanthemums.
of chrysanthemums and foliage plants the
Kenand
1st.
J
Kettel.
winner's v ere H.

respectively;

Enchantress,
1st

pink
Mis.

dark
Beac

scarlet,

iii

Mirien,

with

G.

and
C.

rose pink
Hale
H.
25 any

Ward

W.

and White Perfection, respectively. Roses
—A Bauer 1st on American Beauty, Wm.
others.
Violets—
all
lsi
Turner
on
fj
II
Hale 1st, 0. Mcintosh 2nd. GrapesWin Turner 1st, with Black Alicante and
Lady Hutton; G. II. Hale. 2nd. O. Mcintosh special for seedling apple.
J.

IVERA DONLAN.

AMERICAN INSTITUTE.
The annual Chrysanthemum Show
of the American Institute was held in
their rooms at the Berkeley Lyceum,

York, on November 1st, 2nd and
It was as usual a very pleasing

New
3rd.

The classes were well arThe prizes, good solid cash

success.

ranged.

proportion, brought out
and novelty seen no
where else.
No such display of
anemone chrysanthemums was seen at
any other show, and then again the
incurved and reflexed types were each
provided for separately, thus bringing
forward many otherwise neglected
beauties and affording each a fair
chance. Music and attendance and the
ever infectious smile and witticisms
of the manager. William Rickards.
made all hands happy. Wm. Eagleson,
the secretary, and his attendants deserve much credit for their courtesy
plentiful

in

both

and

quality

Awards.

annual exhibition of the
and Fairfield Horticultural Society held in the Casino at
Stamford, Conn., on Nov. 3rd and 4th
was a great success in every way.
This young, vigorous society has certainly done wonderfully well. The exhibits on this occasion came largely
from the magnificent establishments of
the millionaires along and adjacent to
the shore of Long Island Sound and
where expert gardeners who have

The

first

Westchester

served their years of apprenticeship in
the horticultural profession in many
parts of the world are employed. Stamford, a large manufacturing town with
many saloons, Chinese laundries and
immense churches is minus a decentconsequently
hall,
exhibition
sized
this most creditable display had to be
jammed into a small room. This is
the first time probably that the need
of a larger hall has been brought practically to the notice of the citizens of
the town and it ought to be the means
All the most promiof getting one.
nent people of the section visited the

show. Whole families were brought
out in autos and jumped about in glee
over their pets. During the afternoon
people had to wait outside until room
It was all pleasto get in was made.
ingly inspiring to the promoters and
those who had to do the work. Geraniums and orchids were elegant, carnations plentiful, chrysanthemums of
good size and the table decorations

were

excellent.

The Awards.

Twenty-five, one variety, W. Vert 1st with
On vases
E. 'Nash and R. Speirs 2nd.

long-stemmed flowers, 1st went to W.
Dowlen for plume varieties. O. H. Hale for
singles and for anemones, and C. D. Sehaeffer for yellow, the variety being his new
Ramapo. 2nd in these classes went to G. H.
Hale. A. Wynne. J. S. Lyle and J. Devan,
respectively.
For twenty vases of pomvases of pomp >ns. W. J.
.1.
W.
C. IT. Rice 2nd.
special for this class.
In the
.1.
was
for
ten
flowers,
W.
classes
Everett

and

ten

and

1st.

got

a

lsi
Fellow and bronze. Wm. Turner on
in
A.Iain Alexander on pink. .T. T.
Burns on white, George Middleton on ten
hi' les Willi
"d w. Veri on ten
ii

crims

i

I

ems.
Messrs. Turner. Vert, Hale,
McKenzie aid Jos. Kennedy were 2nd
these classes.
The 1st winners in the
classes f r six [lowers were C. H. Totty.
his seedling Mrs. IT. Turner, leading in
the "any other color class;" John
whose seedling No,
was die winner in
pink,
Wm. Turner. A Alexander, Alex.
Rohertson, .1. s. Lyle,
In the
Vert.
F.
in

I

'<

1

anemone
and

sixes,

Wm.

W

Dowlen,

J.

s.

Lyle

ii. Hale were 1st
bush plants and standards Peter Duff
four firsts. Win. Turner one and
Cordes two. the latter winning also
on single stem plants. On group of floweri;

i'n

carried

W

and foliage plants, 1st was won by
Harry Turner with a very attractive display of well grown plants made dazzling
by a grouping of bis famous celoslas.
Lager & Ilurrell captured 1st in the class
for LTmip of Orchids with a grand lol of
choice -'ems and Julius Roehrs Co. got a

ing

special for display of specimen Orchids.
Middleton and J. D. Cockcroft 1st
en
and J. T. Burns 2nd. was the result on
carnations.
C. IT. Totty showed a vase of
his great white Wndenethe.
The winning
exhibit in the rose classes were L. A Noo's
Penuries. White and Pink Kill arneys, C. H.
•

Radiance

Totty's

showed
petition.
1st and

a

v

so of

Thos. Aitcheson, 1st; A. Bclschke,
Specimen bush, W. J. Sealey. 1st
white with Garza; J. T. Burns, 2nd.
Sealey. first on pink with Annie Laurie;
Sealey, first on
2nd, W. H. McGulnness.
Alex.
any other color; Jas. Stuart, 2nd.
Gecldes, 1st on standard; F. MacKenzle,

flower,

F.
of

erett

1911

Chrysanthemum Plants— Single stem, one

For thirty flowers, thirty varieties. Geo.
Mlddleton was 1st Wm. Vert, 2nd. Twenty do, Middleton 1st and Robert Speirs 2nd.

Sealey

11,

EXHIBITION AT STAMFQRD, CONN.

efficiency.

pons

blooms,
25
of
effect:
for
arranged
splena
IT.
Hale with
1st
George
Bowers and sprays
white
lot
oi
did
of Prunus Pissardll; 2nd, Oliver Mcintosh.
6 var.: 1st. Win. Turner, with
Mary Mason, Wells
Mersthaiu's Bltish.
and
heltoni
Piiib
Nellie Po
Glen view; 2nd, Geo. H. Hale. 24 1. looms
i.
Win. Turner whose wonderful
set consisted of Ouunda, Merza, W. Mease.
m. Totty, Beatrice May, Mrs. J.
jj
Dunne. Leslie Morrison. Lady CarC.
Gladys
Lenox.
Stevens,
Mrs.
michael.

Chrysanthemums—Vase

other

Group of ornamental follaged
nedy. 2nd.
Wm. Dowlen won all
plants; Kettel, 1st.
the bush plant prizes with well-trained
Specimen foliage plant, \\ m.
specimens.
Palm;
Turner, with Pandanua Sanderll.
Carnations II.
Kettel.
II.
Turner,
pink
light
white,
crimson,
1st.
in
Kettel
an d any other color, with Harlowarden.

November

and Sunburst.
Totty
Rose Queen, not for com-

Max Schneider and

2nd on violets. Chas.
on specimen palm and ferns.

H.

Turner.

Webber

1st

2nd.

on

2nd.
In

the classes for six chrysanthemum
blooms, Jas. Stuart was 1st on white with
J. T.
Mrs. D. Syme: J. T. Burns, 2nd.
Burns 1st on pink witli Pres. Vigor and on
PeterDonnellan;
Adam
with
Mary
yellow
Thos. Aitcheson 1st on crimson
son, 2nd.
with Pockett's Crimson. James Stuart 1st
on "any other color" witli Mary Mason.
Iu the classes for throe blooms W. Smith.
Thos. Stentiford, Alex. Geddes and Thos.
The largest
Harvey were the winners.

was

bloom' shown
Brieschke.
varieties,

On
six

Alice

Lemon

by

A.

eighteen blooms In eighteen

varieties and three
were Jas. Stuart,

varieties,

Mae10.
winners
Kenzie and Adam Peters m. respectively;
MacKenzie, Brieschke and Burns
respectively. Twelve blooms
winning set
twelve varieties brought out a tine
in
display, the varieties being Onunda,
first
Lady Hopetoun, Rose Pockett, Leslie Morthe

Messrs.

l

Cheltcni. Merza. Mrs. F. Plant. F.
Nash, Mrs. J. C. Kiel, Mrs. D. Syme,
T. Aitcheson and A.
Mrs. J. E. Dunne.
Wm. Smith,
Petersen wen 2nd and 3rd.
T. W. Stobc and A. Geddes were 1st, 2nd
The
varieties.
blooms,
six
ami "rd on six
class for twenty-live vases, twenty-five vasplendid
out
a
brought
ri'ie
of singles
rison,

s

winning set from Jas. Stuart. These were
In
host grown lot of singles shown In all

the exhibitions around New York and conMersthnm Jewel,
sislcd of the followingThe King,
Elsie Neville,
Carrie Wells.
Irene Cragg. Grade Trower, II. M. Smith.
n. oio, in,
Pegassus, Felix. Jessie Curtis,
Mersthnm rims, Mrs. R. C. Pul'lng, Sylvia
Blade Merslhani White. Mary Richardson,
Cannell'fl Yellow, Ronpell Beauty and KitSecond prize went to Thos.
tie Bourne.
Poll, whose collection also was eloquently
Winners
in the pompon classes
beautiful
won- E. MacKenzie, W. J. Sealey and Thos.
11
won 1st on a vase of
Petersen
Adam
I',
chrysanthemums and foliage arranged for
.ill with a notable vase of Lillian Doty.
Mr Sealey also showed a very fine collecand roses.
tion of low- chrysanthemums
i

.


NORTHWESTERN HORTICULTURE.

The ninth annual exhibition of the Northern Westchester County Horticultural and Agricultural Society was held in the garage of Mr. Chas. Bowers, Moundville, on Nov. 3d, 4th and 5th. It was the only place available in this thriving village 'mid big dominions,' so the arrangements were made to move the flowers into big boxes and Miss Flora reigned in their stead. There were many almost unsurmountable obstacles in the way of location,—the barn-like structure, and above all, the flower-killing oil smells and it required courage and go-ahead spirit to get up a show under such difficulties, but somehow we did it and I am sure as it was, in this garage lot, away up mid the hills of Westchester, we found warm hearts, bright spirits and flowers equal to any that have seen in large cities. We only hope that another year will provide a more suitable hall for these persistent missionaries in a good cause.

THE AWARES.

The Bailey Cup, value $100.00, yearly offered for the best collection of roses, is a much coveted prize and usually there is keen competition for it from distinctive collections. This year it was offered for 21 chrysanthemum blooms in less than six inches, entered by Mrs. Lucy McVicker, Moundville, N. J., with magnificent blooms of Orange, Yellow, Pink, Red, Black, and White. Mrs. Edna Wightman, Woodside, Lady Hopetown, Geo. Locke, Mrs. Amity, K. T. L. Wilkie, and C. E. Clevenger, were given for 1st, 2nd, 3rd, 4th, 5th and 6th, respectively.

The cup for ten roses in six varieties, was won by Mrs. Jas. Wilson, of Moundville, with 'R. Hunter' and 'M. J. O'Brien.' The cup for nine roses in six varieties, was won by Alex. Thompson, 2nd and 3rd. The pink plasm, when grown were of the best, and John Caum was 1st with specimen Anne LaRoche; J. McGinniss and D. P. Beeson, 2nd, with standard pink and flower, W. Will 1st. E. O. H. Fraser, 3rd with alternate rose, Alex. Thompson, Collection of variegations, Arthur Faulkner, 1st; H. Spavale, 2nd; W. Will 3rd; and variegations, A. Rose, J. McGinniss, 4th and 5th. With the show, Collection of orchids by private-gardeners only, M. J. O'Brien, Group of daffodils by private-gardeners, Miss J. O'Brien, exhibitor won firsts for specimen, 2nd and 3rd, respectively. Oct. 12, 1897, of daffodils, collection of begonias, house-plants, and second for table-plants, in which class he was beaten by Rob. Anderson, Geo. Geddes, Jas. Kopelman & Co. Mantel decorations—William Appleton. Palms and foliages—C. H. Hunt, 1st, William Appleton, 2nd, Garden Japanese evergreens—William Appleton, special mention and gratuity. Chrysanthemums—12 white, values. Alex. Macrae, 1st, and W. S. Peck, The Harrington, 1st; Alexander Macrae, Prov- dence, second; 12 any other color, F. S. Stokes; case of large mixed varieties, F. S. Peck, gratuity; collection of single, Alfred M. Bowers, gratuity; F. S. Peck, gratuity.

MT. KISCO, N. Y.

The annual autumn show of the Rhine Island Horticultural Society was held at Elysium Hall, Providence, R. I., Nov. 4 and 5, and the exhibit was far superior to any in recent years.

A new departure was made in the decorative scheme by the introduction of mantel decorations and the corners of the hall were given over to foliage displays and garden evergreens giving a harmonizing and artistic setting. The cut flower section was also a centre of attraction. Three large tables were divided with each, the first containing a collection of single and double chrysanthemums, carnations and roses. A noticeable contrast in the make-up of the show was in evidence through the activity and cooperation of the members of the Florists' and Gardeners' Club, particular attention being given to the quality rather than the quantity of the exhibits. The show management expressed much satisfaction with the manner in which the growers and commercial men came forward in support of the endeavors of the society and as a result it is felt that, as a whole, they were well repaid for their efforts. The judges were Eugene McCarron and Cornelius Hofstra, both of Providence.

RHODE ISLAND HORTICULTURAL SOCIETY.

The annual autumn show of the Rhode Island Horticultural Society was held at Elysium Hall, Providence, R. I., Nov. 4 and 5, and the exhibit was far superior to any in recent years.

The day of the show at Tarrytown added much to the interest. There were seven in the class for table decorations and four in the class for mantel decorations. The first prize was won by John Heerens, 1st; Miss Caroline, 2nd, for the English style of small vases dotted about the table. They were filled with alternate pink and white ferns and cypress, with a radiant of Dianthus indigo foliage from the central vase. John Can- nart got second with a centerpiece of Rhododendron rose and Ferns enclosed in a wreath of Richmond and of the valley; cypress of the valley and Ferns with red berries. The table was garnished on the outer side with small red and white flowers.


ELBERON HORTICULTURAL SOCIETY

The Third Annual Exhibition of this young and vigorous society was held at the New Casino, on the beach at Asbury Park, N. J., Nov. 4th and 5th. A fine building and it was the best show ever given by the society in Asbury Park.

The forms of orchids and plants and some of the cut chrysanthemums shown out most prominently and were of unexcelled quality. Most of the classes were open to members only, and which had a very much-afraid look. Outsiders won all in the open classes and in this light the successes of Geo. H. Hale and William Vert were all the more impressive. Asbury Park, beautiful in the summer-time has the appearance of a dead city at this time of the year, all the big hotels and houses being closed. There is, however, considerable of a scattered population of which a good time was had by all at the event a financial success, for the hard work and its result—a mighty good little show—deserves to win out in all its details.

Local professional florists and gardeners took advantage of the occasion to make creditable displays. N. A. Corlin occupied the stage with a very attractive bed-out garden in travelled walks and exotic groups, the whole specially illuminated Ross & Fen- ton put up a miniature garden tent.

Mr. W. Tricker had a group of his new Vincia—M. H. Kuschka, a nice group of palms and flowering plants suitable for house culture, and Mrs. W. Tricker with singing birds in cages. The Moore Seed Co., Phila, showed a table of bulbs, etc., W. W. Kennedy & Sons. Real estate firm of Mrs. Kennedy and son, contributed interesting displays of outdoor chrysanthemums for ex- hibit only.

In the evening all were entertained at dinner given by the society, at the Dell Country Club, where good cheer re- cumenoned good fellow feeling.

Chrysanthemums. Plants—Group, 15 sq. ft. or under, 1st, Geo. H. Hale, 2nd, A. Rauer, 3rd, W. J. Mullen, 4th, W. T. Pickett.


36 blooms, 6 var, 1st Wm. T. Pickett; 2nd A. Rauer, 3rd, A. MacAulay, Case of 36 blooms, 6 var., 1st A. Rauer, 2nd James Kennedy, 3rd, Geo. H. Hale, A. Rauer.

Stand of 12 blooms 1st, Geo. H. Hale, 2nd, A. Rauer, 3rd, A. MacAulay.

18 blooms, 6 var., 1st Wm. Pickett; 2nd A. Rauer, 3rd, A. MacAulay, 4th, Geo. H. Hale, 2nd A. MacAulay, A. Rauer, 3rd, Geo. H. Hale, blooms of one color, the first winners were James Kennedy, 2nd A. MacAulay, A. Rauer.

During the exhibition, Mr. Peter Henderson & Co. offered 6 best blooms at the show went to A. Rauer for the $50u price. 


Orchids, etc.—Group of ornamental foli- age and flowering plants arranged for effect, 1st Geo. H. Hale, 2nd W. Tricker, 3rd, H. Ireland.

Horticulture of New York.

The above Society's Fall Exhibition was held in the Metropolitan Life Insurance Company's Rooms, 16th Street, New York City, from Novem- ber 3rd to 7th, and was a great surprise in every way. Entrance was free and there was a continuous stream of visitors. Teachers brought their classes from all the private and public schools in the neighborhood. Some 3,000 people passed through in four hours on Sunday. It was all splendid missionary work and this young So- ciety is to be congratulated on the good work it is doing. Something new and interesting has been added to it within a year, and judging from pres- ent methods and works it is destined to be a Society worthy of the metropoli-

NASSAU COUNTY HORTICULTURAL SOCIETY

The Annual Exhibition of this Society was held in Pembroke Hall, Glen Cove, N. Y., Nov. 3rd and 4th. The fair was one of the best ever held there and the competition in the chrysanthemum classes was exceedingly keen.

The Specials.

The special premiums were numerous. Following is a list of winners and the winners: Mrs. F. S. Smithers' silver cup, collection hardy chrysanthemums, H. L. Pratt, 1st; Emma Tricker, 2nd; B. D. Johnson, 3rd; cup, 6 varieties chrysanthemums, 3 of each, 12 inch stems, W. G. Guthrie, 1st; Cup group A & B Walter's new Chrysanthemum Group, cup group, chrysanthemums, not over 50 stems, Mrs. B. D. Johnson, 1st; H. L. Pratt, 2nd; W. R. Smith, 3rd; gold and silver medals, 6 sprays single chrysanthemums, Walter Gibb, 1st; John Pratt, 2nd; B. D. Johnson, 3rd; 

The Detroit Show.

As the time for our club show approaches we begin to realize that the entire 20th Century building will be too large for the expected exhibits.


While this show is confined to local club members only, prizes are only awarded to the growers. Certain rooms have been set aside, however, for the exhibits which they win without competition.

Officers were elected as follows at the annual meeting of the Worcester County, Mass. Horticultural Society: Edward W. Breed of Clinton, presi- dent; Arthur J. Marble, Charles R. DePavilis and Harry F. Hooper, all of Worcester, vice-presidents; Leonard C. Middley of Worcester, secretary; Burr W. Woodward of Worcester, treasurer. The officers are: Charles F. Converse and Allyn W. Hixon, all of Worcester, new members of the board of trustees. The society has gained 26 new members since the last annual and lost 11. The report of Treasurer Greenwood showed receipts of $41, 257.61 and expenditures of $34,154.81.

HORTICULTURE OF NEW YORK.

The above Society's Fall Exhibition was held in the Metropolitan Life Insurance Company's Rooms, 16th Street, New York City, from Novem- ber 3rd to 7th, and was a great surprise in every way. Entrance was free and there was a continuous stream of visitors. Teachers brought their classes from all the private and public schools in the neighborhood. Some 3,000 people passed through in four hours on Sunday. It was all splendid missionary work and this young So- ciety is to be congratulated on the good work it is doing. Something new and interesting has been added to it within a year, and judging from pres-ent methods and works it is destined to be a Society worthy of the metropoli-
BERMUDA LETTER.

Dear Sir—I enclose a little picture of Atemaricas or "Norfolk Island Pines" growing at Sunnyside. This was taken about four weeks ago. These trees have been growing about fifteen years and are at least fifty feet high. One of the trees has several large cones on its topmost branch. I have another large pine on the farm which has about seventy feet high and has quite a crop of cones thereon. And from now on I hope to have plenty of seed and can grow my own plants instead of buying abroad. If these cones are as good as other seeds grown on the place like Pandanus utilis, Phoenix, Lantanas and Cercis revoluta, I ask for nothing better as they are all about 99 per cent germination. Of the cypress seeds I will have a crop of about

A ROSE LIST.

"The Garden," London, has recently published the last installment of a list of annuals, given to us by Mr. Hammond, raiser, date of introduction, etc., which has been running in weekly chapters since last May, compiled by Mr. Robert Daniel. We include a few of the points of interest given. The list is divided into such categories as Hardy Annuals, Perennials, Half Hardy Annuals, and Temperate Climate Annuals. The list is comprehensive and will be of great utility to gardeners.

20 bushes as they are all ripe for gathering.

THEODORE OUTREBRIDGE.

Sunnylands, Bermuda.

GLADIOLUS AND DAHLIA NOTES.

C. Bettscher, of Canal Dover, Ohio, has been doing a vast amount of gladiolus hybridizing the past summer. With the very fine seedlings of Bulbes, De Lima, Chilcas, Lemoine, Vilmorin and Pfister productions, his stock is taking high position in the most advanced class. Relatives as visitors, ancestors and other seedlings are grand and in a distinct class by themselves. In a recent letter from Mr. Bettscher he writes as follows:

Several of these new seedlings are simply remarkable but only what we bred for. I have done a very large amount of this hybridizing during the past season. Now I have the "blalt" where it is mutating very well and much; besides, with 25 lbs. of seed of all this best blood grown with best results that the future results will be very advanced.

We are breeding several distinct types, one a yellow strain, blooming from early July to November. These show some rich color in all things and times. A very fine type these are going to be a striking type. Some we can cut out, and many of these may be used as a single bloom up to Oct. 20th; many others in the same class. Now, how about the Dahlia be made popular with such "to date" sorts? In such sorts as Floradora, J. H. Jackson, We have an opportunity to make a new kind of brilliance, an ocean of color never before equalled, although no one can imagine a spinkle from April to Aug. 17, after which we had ideal conditions until Oct. 10, that while plants had an awful struggle until then, after that date they simply were magical. Still much work needed. A few more of these, in this series is simply retarding the sale of good sorts and putting it truthfully, favors of obtaining money without giving value for it. Gladiolus societies are divided. Our methods of trial and introduction are very weak and ancient. We all ought to do better to keep on developing and mutually, hopefully cheerfully.

C. BETTSCHER.
CHICAGO FLORISTS' CLUB.

This club held its regular meeting Nov. 2, with a good attendance, including all the officers. The meeting was so far from being in the nature of a flower show and a very creditable exhibition of the season’s blooms awaited the coming of the members. Applicants for membership included Chasis, W. W., 105 Birkeland St., Chicago; Edward H. Gale, 108 E. Delaware street, Chicago; A. Vander-Pohl, 2411 Harrison street, Chicago; James B. Foley, 26th Street, Denver, Colo.; Chas. M. Everitt, Chicago; Isaac Cassidy, 26th street and Western avenue, Chicago; Wm. F. Kesting, Buffalo, N. Y.; Chas. J. Bond, Chicago; Elmer J. Brum, Chicago; Freeman, Andrew Benson, Ed. Toopel, Guy French, Tony Gabbe, Dick Salm, all of Morton Grove, Ill.

An invitation to visit the St. Louis flower show was read. Short speeches were made by visitors E. G. Hill, Richmond, Ind., W. R. Pierson, Cromwell, Conn., H. Roth, Lafayette, Ind., and R. M. Groves, Adams, Mass.

The judges on carnations were John Then, John Zeck and H. Yepsen. Three seedlings were exhibited by the Chicago Carnation Co., No. 150 scoring 85 points, No. 186 86 points and No. 49 87 points. Two of these are scarlets, very easily from small diameter and the other a dark pink, all to be disseminated this season. Mr. Kelmens, D. A. Robertson and A. Erickson were the judges. The Championship Queen scored 88 and Double White Killarney 87, both exhibited by A. N. Pierson, and a seedling red rose by H. Roth was given special mention. An exhibit of orchids was made by Chas. J. Bond of Naperville, Ill., and awarded the club certificate. Mr. Pierson extended invitation to the club to attend the meeting of the American Rose Society at Detroit in January 1912.

FLORISTS' CLUB OF PHILADELPHIA.

Nothing really happened at the regular morning meeting of the above club. We all sat through the three hours—waiting—but nothing happened! The meeting was memorable for one thing. It had a good president in J. Otto Thilow. He rushed things through in spite of interruptions and he got all his new committees appointed—just as he had planned them. And by the looks of them, they look like some thinking. As a new shuffle, we haven’t had anything like it for many years. How it will work out goodness only knows but it looks hopeful. Our advice to the president is to hold his job, and above all to pay no attention to the “Wisheinners.”

PENNSYLVANIA HORTICULTURAL SOCIETY.

The Flower Show now on in Horticultural Hall, Phila., is much better than we expected, for a three year arrangement, quantity and quality, both in cut blooms and specimen plants as well as in the decorative departments. All greatly alcal—thanks to the hustle of Stroud, Thilow and many others. Full account next week.

STATE FLORISTS' ASSOCIATION OF INDIANA.

About fifty florists attended the November meeting of the Indiana State Florists' Association at Richmond last Tuesday at the E. G. Hill Co. greenhouses, where the business session of the morning was held. Short talks by Ericson, W. W. Coles of Koko- mo; J. S. Sturt, Anderson; M. Heyer, New Castle; H. L. Weigand, Indianapolis; N. H. Gano, Martinsville; Theodore Dorner, Lafayette; Roger Murphy, Urbana, Ohio; F. Hendley, Knightstown, and W. H. Elverson, New Brighton, Pa. Joseph H. Hill and E. G. Hill also gave short talks on the work they are carrying on. Nine new members were added, making the membership total almost 100.

At noon a luncheon was served, after which automobiles carried the florists on an inspection trip to the Graves, Ganne, Knoph and Lemon greenhouses, and the Advance Machine Company’s plant. The next meeting will be on the Tuesday, Dec. 4, and the annual meeting will be at the same place, January 17.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Work of Committees.

Exhibited by Elmer D. Smith & Co., Adrian, Mich., at Chicago, Nov. 2d; Christy Mathewson, Jap, white, 90 points, exhibition scale.

Smith's Sensation, Jap, pink, 87 points, exhibition scale.

White Perfection, Jap, Inc., 88 points, commercial scale.

Exhibited by E. G. Hill Co., Richmond, Ind.: August Daisy, Jap, orange yellow, 82 points, exhibition scale.

August Daisy, Jap, orange yellow, 92 points, commercial scale.

Hirondale, Jap, inc., pink, 86 points, exhibition scale.

Hirondale, Jap, Inc., pink, 91 points, commercial scale.

Chas. W. Johnson, Secy.

CLUB AND SOCIETY NOTES.

The meeting of the New York Florists' Club on Monday night, Nov. 15, will be ladies' night and a fine entertainment is promised.

One would imagine that the office of president of the New York Florists' Club would be dignified enough to have invitations sent to visit the local shows, but never a one came, and when one considers the good fellow and hard worker that occupies that position at present, along with the vast work done by the second, the defect seems all the more inexplicable.

The annual meeting of the North Shore Horticultural Society and election of officers took place Friday evening, November 3. Herbert Shaw was elected vice-president; John R. Solomon, secretary; and Robert A. Mitchell, librarian. The executive committee is: F. F. Brash, E. A. Far- son; Joseph Clark, John Chapman and Eric H. Wetterlow.
seeking higher standards in preference to large numbers and the purchasers, whether commercial growers, private gardeners or florists, by greater confidence in those kinds which are sufficiently meritorious to pass their critical examination. Although our membership is slightly on the increase rather than waning, the society has not received full value in return for this service given all lovers of the Queen of Autumn. We are especially grateful for the support of only a small portion of those interested in this important branch of Horticulture. We have been unable to limit the membership in importance and our earnest desire of their hearty cooperation. As previously stated the time was when the reports of exhibitions was our chief guidance in making selections, but now the nuts are all cranked and the meats are placed before you. This one feature alone should be of sufficient importance to secure the membership of every grower interested in the best and latest kinds. All the year round, the membership fee and I venture most of us spend this small amount in some frivolous way without benefit to ourselves or to any worthy cause. It seems strange that when we so freely inter-
eted that so small a portion can not or do not see they owe a moral obligation in supporting so worthy a cause. So let us all give our consent and advice, we want you to assist in formulating new plans whereby greater benefit will exist. You can assist us, I mean all of you, in the few hundred plants it is worth more than the paltry sum we ask to receive our annual report and feel you are associ-
ing to something whose educators are the beneficent of all. A bright-
other future with greater achievements will be wrought by putting into force the proverb, "Heaven helps those who help themselves." Just a few words on what has been accomplished during the past decade toward improvement of varieties in the United States. As early as 1880, Mr. Bergman was seen on the market early in October, now we can have larger and better flowers in July and August than the old was said regarding the yellows. Pinks have not advanced in the same ratio, although Unaka may be had in fine form the-
E. A. Nash. We have also been given such good varieties as Dolly Dimple, Golden Eagle, Lynnwood Hall, Chrysolora and others which show marked advances in their partic-
eral color and bloom. 

During the past few years equal gains are manifest in the exhibition section. Such newcomers as E. E. Nash, Leopold, and the new Glory of Genoa are held in high estimation by the number of novelties offered. In 1893 there were disseminated 180 of American origin and 130 foreign or 310 new varieties were brought out in a single year. This condition is very difficult to select the most suit-
able and in those days when there was no safe guard against imposition it was a matter of faith. Now we have an admirable list of new introductions to include Varieties of little merit. Since the appointment of the committees in 1894 these numbers have grown leas, and in the condition of the list for the present are 20 American and 55 Foreign, of which 15 were certi-
cated by this society. And so I say all do not appreciate what has been be-
ested upon us, the introducers are

while others would add to the appear-
ance of our exhibitions if their stems were stiffer. This line of society allows artificial supports I predict the time is not far distant when this measure will be re-
Peal. To my mind those which can not sustain their blooms are of slight consequence regardless of the other appli-
ations and artificial supports in all classes calling for vases of twelve blooms or more should be eliminated. Why should we encourage retrogred-
ation rather than insist that our stan-
dard of excellence shall ever continue upward? There are qualities other than beauty which are essential, and we should not forget that color and form are the fundamental principles underlying beauty as nature presents it nor should we degrade these two char-
acters in our efforts to increase size. 
The trade papers have been generous in devoting their space to our notices without compensation to whom we should extend our sincere thanks. Let us hope for greater achievements and focus our force and energy to that end, so that when the hour glows bright in the closing chapters next decade we will then realize how weak we are at present. As a society we have obli-
gations to perform. Let us all join in an effort to make the society more useful for the betterment of all. In union there is strength and earnest endeavor leads to success.

THE BOSTON LANDSCAPE CLASSES.
The landscape gardening classes of the Gardeners and Florists’ Club are to hold their annual meeting at the present season at Horticultural Hall, on Tuesday evening, November 7. The teacher is Raymond W. Aldrich, who has an efficient assistant, so that student will be well cared for. The charges are the same as in previous years, viz.: 50 cents per lesson. The classes will run for approximately five months. Meetings will be held on Tuesday evening of each week, except the week of club meetings, when they will be held in the evening following the devotion to drawing plans, etc., it is hoped to arrange for several practical talks dur-
ing the season, and also at least one fair for practical work, probably in the Boston Park System.

Instruments needed, also scales, pencils, rubber and thumb tacks will cost about $2.50. The cost of paper and other supplies for the full season may reach $2.00 additional. These are the total costs apart from tuition fees.
The desire is to benefit young men at low cost, and a few cents per lesson are better fitted for filling places of responsibility. The lack of outdoor gardening continues to be the greatest deterrent to those who can not attend these classes will find it a most excellent investment, enhancing great-
ly as it will their chances for further advancement.

We read with interest in the news columns of the other newspapers, issued on Nov. 2, 1911, that George Par-
ker, florist, Dorchester, Mass., and Aliss Ida Spargo had been married on Wed-
nesday evening, Oct. 27. The cele-
bation, which took place some thirty years ago, the news-gather-
ing facilities of our esteemed contem-
porary would seem to be just a little antiquated.
C. H. Totty, Madison, N. J., started last Monday on a western trip. Peter T. Devoy, of Poughkeepsie, is reported as very low with pneumonia.

H. A. Kettel and family of Rumson, N. J., have gone on a trip to old friends and scenes in Europe.

R. Vincent, Jr., Whitonarsh, Md., is on a visit to several western cities where he is scheduled to lecture on his recent European trip.

We regret to have to announce that latest news from Wm. R. Smith of Washington is that he is still low and there is much uneasiness as to the prospects for his ultimate recovery.

The engagement of Henry Sargent Dawson, youngest son of Jackson Dawson and Miss Pauline Fenner Mason of Dorchester, Mass., has been announced. The marriage will take place next June.

Prof. A. J. Cook, dean of the department of science of Pomona College, California, and a graduate of the Michigan Agricultural College, has been appointed commissioner of horticulture for California by Governor Hi-ram Johnson.

All will be glad to learn that the late C. N. Bliss substantially expressed his appreciation of the services rendered by his energetic and able superintendent, N. Butterbach of Oceanic, N. J., whose daughter will be married to James McCann on Dec. 2nd. This will be a great green letter day at Red Bank.

Boston visitors: W. Atlee Burpee and George C. Watson, Philadelphia; H. A. Buynard, New York City; C. H. Totty, Madison, N. J.; E. Kirk, Bar Harbor, Me.; Mrs. W. Bridge-man, Rhinebeck, N. Y.; Mr. and Mrs. Harry Bayersdorfer, Phila.

Buffalo is about to establish a municipal nursery where trees for street and avenue planting will be raised, under the supervision of City Forester Filler. About 40 or 50 acres of land will be required but the location has not yet been selected.

Our cover illustration shows a fine Black Hamburg in fruit, not, as might be imagined, the product of some private conservatory but grown for commercial use by a commercial florist. Mr. Murray is doing good missionary work for the florist's business in its higher possibilities and can see something in his vocation above and beyond the mere sticking of wired blossoms to a block of ice. He writes us that he uses these finely fruited vines for basket and punch bowl work, arranging them so that the bunched of grapes hang down from the handle.

Halifax, Mass.—The Halifax Garden Company have announced their 1911 fall chrysanthemum show and visit to the greenhouses, to be held Saturday, Nov. 11, 2 to 5.30 P. M., and Sunday, Nov. 12, 8 A. M. to 5 P. M., at the greenhouses. A cordial invitation is extended to the public.

North Dighton, Mass.—Geo. H. Walker of North Dighton has purchased the entire stock of cactus dahlia tubers, including two acres from J. P. Dodge, Fall River, Mass., who is retiring from the business. Mr. Walker has been very busy the past week digging and trucking them home for storage.

New Springfield, N. Y.—Finn Schrader, a well known grower, was aroused early on Tuesday, Nov. 7, by a burglar alarm, and hurrying to his yard with a shotgun discovered a burglar who was robbing his poultry coops. The burglar knocked Schrader down and was about to seize the gun when the florist pulled the trigger. The burglar fell dead in a heap with a charge of buckshot in his head.

The Lamberton Memorial Conservatory at Highland Park, Rochester, N. Y., was formally dedicated with appropriate exercises on October 30. The presentation speech was made by President A. B. Lamberton of the park board, who was introduced by W. C. Barry and the acceptance was voiced by Mayor Edgerton. A grand display of chrysanthemums is now on and this will be followed by a series of public floral displays throughout the season, from 10 A. M. to 5 P. M., daily.

The flower show will be held Nov. 13-18 inclusive. Superintendent Wm. Murphy of the exhibition has laid out the Horticultural Hall as a flower garden. The silver cups worth easily double their advertised value have been placed on exhibition in a prominent show window on Walnut Street, between 4th and 5th avenues. The entries up to the time of writing are large and indications point to an augmentation of the list of the week. The mayor will make an opening address on Monday, the opening day of the affair. Visitors should not forget the smoker on Thursday at the Dis- mark Rathskeller. The committee in charge promise a good time for everyone.

The meeting of Cincinnati Florists' Society was held at Cincinnati Cut Flower Exchange at 24 3rd Avenue, East, on Saturday, Nov. 11, 1911.

Albert McCullough started for Florida this week for a stay for over a month.

Thos. Windram has gone to Florida at his asparagus farms.

Harry Schwartz, Gus Adrian and Max Rudolph were at the Indiana State Florists' Association meeting at Richmond on Tuesday.

Visitors: R. Groves, Adams, Mass., and J. Bromey, Dayton, O.

The attendance at the New York bowling on Friday, November 3rd, was apparently affected by the numerous calls at exhibitions. The scores were as follows:

New York Bowlers.

Chicago Bowling Scores, Nov. 1, 1911.

Calcutta, 192 222 194 Holm, 137 149 154
Young, 109 362 195 Shaw, 109 333 138
Nace, 152 155 129

CARNATIONS. ORCHIDS.

Chicago Bowling Scores, Nov. 1, 1911.

Rome, 152 125 173 Urner, 147 169 182
Kneus, 106 139 139基建, 124 170 138
West's, 97 841 171 De-wills, 132 181 189
Schultz, 167 144 135 Farley, 130 141 134
Zeit, 162 136 196 Zlych, 129 169 192

ROSES. VIOLETS.

Stark, 128 149 109 Bupton, 170 165 153
O'Gunn's, 157 127 121 Cola, 115 129 156
Perron, 117 125 142 Whittley, 110 125 143
Wolf, 140 174 109 Frisno, 168 175 179
Phifer, 167 173 189 Eyer, 135 164 144
DREER’S SPECIAL VALUES IN
PHOENIX ROEBEBLENli

Our stock of this beautiful, graceful, hardy Palm is
in prime condition and of good value.

PHOENIX ROEBEBLENLI. Specimens
6 in. pots, 1½ ft. high, 2 ft. spread ........ $2.00 each
8 in. tubs, 20 to 22 in. high, 24 in. spread 3.00 each
8 in. tubs, 2 ft. high, 2½ ft. spread heavy . 5.00 each
12 in. tubs, 2½ ft. high, 3 ft. spread heavy . 12.50 each
14 in. tubs, 3 ft. high, 4½ ft. spread heavy . 35.00 each
15 in. tubs, 3 ft. high, 6 ft. spread heavy ... 50.00 each

A nice lot of young plants in 2½ inch pots for growing on.
$1.50 per dozen; $12 per 100; $110 per 1000.

For a complete line of Seasonable Decorative Stock see
our Special Circular of October 12th. If you did not re-
ceive a copy write us and we will send you one.

Are you interested in Dahlias, either as a cut-flower proposition or for cataloging? If so send for our Special Wholesale Cata-
logue of Dahlias quoting special prices on field roots for early orders.

The above is intended for the trade only.

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS
PLANTS, EVERGREENS, ROSES, RHODODENDRONS
VINES AND CLIMBERS, AUTUMN BULBS
AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are
only a few minutes from New York City; Carlton Hill Station is the
second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS
Nurserymen and Florists
Rutherford, N. J.

American Grown Roses
Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis.
Evergreens.

Write for Trade List. W. & T. SMITH CO. Geneva, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK
WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS
A GENERAL ASSORTMENT OF
Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our Illustrated and descriptive Catalogue for the asking


Large Arborvitae, Hemlock and Norway Spruce.
THE FINEST IN THIS COUNTRY. Also other large Evergreens, some
large deciduous trees and large shrubs. Evergreens with balls. State sizes
in writing for prices.

THE F. E. CONINE NURSERY CO., Stratford, Ct.

JOHN T. WITHERS, Inc.
Landscape Architect and Forester
1 Montgomery St., JERSEY CITY, N. J.
Tree Renovation by Expert Operators
Stereopticon lectures on Horticulture and
Arboriculture.

Box Trees
and other EVERGREENS for TUBS AND BOXES
Our Prices are Always Right—Catalog Free
THE NEW ENGLAND NURSERIES, Inc.
BEDFORD, MASS.

DIRECT IMPORTATIONS
Bay Trees, Kentias, Azaleas, Valley Pips, Roses, Rhododendrons,
Boxwood, Murrays, Evergreens, Jap. Lilies, Raffia, etc., etc.
Our stock from France, Holland, England and Japan.

McHutchison & Co. 17 Murray St.
New York, N. Y.

HOLLAND NURSERIES
Best Hardy Rhododendrons,
Azaleas, Conifers, Clematis,
H. P. Roses, Shrubs, and Herba-
cceous Plants.

P. OIWERKET, 515 Jans St., Waukesha, Wisc.

ROBERT CRAIG CO.
ROSES, PALMS,
and Evergreens in decorative Plants
MARKET and 48th STREETS, PHILADELPHIA, PA.
CHICAGO NOTES.

Chrysanthemum Shows at the Parks.

Nov. 1st Garfield Park Chrysanthemum Show was so successful that the public had promptly the public showed its appreciation by keeping up a steady stream of admirers pouring through the doors. Visitors number over 10,000 people passed into the conservatories. A special feature of this year's exhibit is the large center bed, irregular in shape and planted with one thousand single-stem plants. Two hundred varieties of these huge beauties are a sight never to be forgotten.

Lincoln Park conservatories were ready with their annual display Sunday. As is always the case, this park being centrally located has the most visitors and the exhibit will continue six weeks.

Business Changes.

Friedman's new store, known as the Western Floral Co., on Congress street, opens this week.

Edw. Lester, who opened a small retail store in the downtown district about a month ago, has decided to give this attempt to something else or seek a less expensive district.

Chas. Erne tried the wholesale end of the business for a couple of days last week, using a part of the space of the Chicago Carthage Co., which proved too small for his purpose.

McNally has sold his retail store to Max Cohen, who has had several years' experience with the Amlng Co., Woolworth Co., and others, and is able to take up the florists' business for himself.

Mrs. Flora M. Wintermeyer, 750 Throop street, has transferred the paper box business, during business of her late husband, J. C. Wintermeyer, to the D. M. Goodwillie Co. Jas. Vleck, salesman, will go with the new owners.

The Chicago Rose Co. of Libertyville, III., has sold out to two former employees of Bassett and Washburn for $13,000. J. G. Schuman, an expert rose grower, and Joseph Kohout, a successful ornamental grower, comprise the new firm.

Charlie Zapfe, for twelve years in J. A. Budlong's wholesale store, leaves Saturday night to open retail store at 61st street and S. Park avenue. The store was leased on the 1st and is now being equipped with everything up-to-date throughout.

Clifford Pruner has broken indoor life and has taken a room on the road, where he has spent many years of his life. He is with the same firm, the E. H. Hunt Co., and started for the southwest Monday with a full line of sample plants. Raleigh H. Starbuck, of the same firm, comes in from the road to take his place.

The son and daughters of the late Joseph Klimmer have incorporated under the name of Klimmer's Greenhouses and will carry on the business which their father so successfully founded many years ago at Forest Park and as actively engaged in till within a few months of his death last year.

Capitol stock $5000.

One of the most important recent transfers among the downtown florists was arranged for this week and J. Mangel becomes the owner of the Palmer House Flower Store, so long owned by Harry Rowe. The transfer takes place March 1, 1912. As stated in this column last week, the building in which J. Mangel has had his store for many years is to be torn down and a new location was necessary, hence the purchase of the Harry Rowe store, which is one of the finest in the city and just a few doors west.

Trade News.

Harry Rowe will open a new store after he gives up his present one, the exact location of which is not yet determined.

Phil Schupp, manager for J. A. Budlong, is pleased with the result of eliminating Bridesmaids from the stock grown this year. My Maryland and Killarney are so satisfactory that he thinks they should have exclusive for playful in the near future.

The Chicago Carnation Co. have added a mineograph and addressograph to their equipment and are rapidly getting in front in their ability to make successfully a large output of carnations and chrysanthemums. Manager Pyfer left Monday night for the St. Louis Mo., Flower Show.

Personal.

Thos. Franks of Champaign, was proudly introduced by his bride to his friends in the wholesale market last week.

Ed. P. Hauswright is receiving a hearty welcome from his friends among the wholesale trade, with the absence from the city for the past two years. He is now city salesman at Vahn's Seed Store.

Mrs. Edson Haus, 5455 W. Lake St., is very ill following an operation for appendix with other complications. Mrs. Geo. Hartung of Mt. Pulman, is recovering from a recent operation at Pullman hospital.

Word has just been received here that the late R. S. Pett of Crawfordville, Ind., was buried at death Sunday, Nov. 5. No particulars have been received, but the family have the sympathy of the trade.


Des Moines, Iowa.—The Iowa Seed Company celebrated the completion of their extensive new range of greenhouses by giving a flower show on Nov. 1 and 2, to which the public were invited and free souvenirs given to the lucky visitors. There were 32 houses in the entire range and they contain in addition to the usual stock in such establishments many rare plants not often found in commercial greenhouses. Although somewhat inconveniently located—being about six blocks from the street car line—they were crowded during the reception days.

INCORPORATED.


Indianapolis, Ind.—The Minnesota Orchard Co., capital stock $50,000. Directors, R. S. Kennedy, Geo. A. Smith, Arthur Christofferson, Julius Harvet, and Wm. H. Dry.

Forest Park, Ill.—Klimmer's Greenhouses, general seed and florist business, capital stock $5,000. Incorporators, Augusta Klimmer, Frank Klimmer, Minnie Klimmer and Lillie Zander.

Seaford, Del.—The Woodland Orchard Co., capital stock $100,000. Incorporators, Orlando Harrison, Berl, Min.; C. Donohu, Seaford; A. H. Hardesty, Dover; F. P. Adkins, Salisbury, Md.

Port Ewen, N. Y.—The Francis Howard Corporation, capital stock $250,000. To do a landscape gardening business. Incorporators, D. Cart, R. B. Cattel and A. P. Halliet, all of New York city.


HYBRID ORCHIDS

FLOWERED AND UNFLOWERED...

Julius Roehrs Co.

Rutherford, N. J.

ORCHIDS

Greatest quantity and variety in the country. Established and freely imported. Also material in which to grow them.

Write for special list and catalogue.

LAGER & HURRELL, SUMMIT, N. J.

ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World

SANDER. St. Alban's, England and 258 Broadway, Room 721 NEW YORK CITY

PLANTS and FLOWERS always on hand

ORDONEZ BROS.

Madison, New Jersey
HORTICULTURE

WASHINGTON NOTES.
J. Harper Hetherington, formerly with F. H. Kramer, is now with the Washington Florists' Co.
Robert Schock called on many of the local florists last week in the interests of M. Rice & Co., of Philadelphia. Mr. Schock reports business to be quite good with him on this trip. Among other traveling men in town were Mr. Knight, of Knight & Struck, and Mr. Goudy, with H. A. Deere, Philadelphia.
F. H. Kramer gave a surprise party for Miss Olive, daughter of Sergeant Charles A. Stevens of Anacostia on the occasion of her fourteenth birthday. Among the florists of Anacostia, who were present were Mr. and Mrs. P. H. Kramer and Mr. and Mrs. Adolphus Gude. A very pleasant evening was spent.
A good many merchants in different lines are employing cut flowers in the decoration of their display windows and stores and there are quite a number of opportunities to make contracts for the supply of flowers in season. Jewelers, opticians and shoe merchants, showing shoes for evening wear, utilize flowers to a greater or lesser extent.
Gode Bros., 1214 F Street, N. W., last week held a grand flower show on their own account. Ninety or a hundred varieties of chrysanthemums were displayed, some of them with up to five feet stems. For a depth of 180 ft. and a width of 60 ft., the entire street floor was a mass of color set off by furs and palms. Myriads of small power electric lights in all colors softened the intense light of the higher power Tungstens. The walls were covered with southern smilax. In the greenhouse at the rear was a rustic house fifteen feet in height covered with smilax, American Beauty and Radiance roses while around this were jars of chrysanthemums and Beauties. A remarkable part of this display was the fact that the Radiance roses placed on Sunday remained intact the following Saturday. The store was from opening until closing, people coming from long distances, and in all sorts of equipages, to view this handsomely.

ST. LOUIS NOTES.
The A. Brix Floral Co., who run a retail store at 1515 St. Louis Ave., have leased their green house plant at McLaren and Mead Ave., to Albert Hirtmann.
J. J. Beneke, Jr., son of J. J. Beneke, was married last week to Miss Viola Walsh. Mr. Beneke was formerly with his father and is now with the Bessemer Electrical Co., as assistant purchasing agent.
The Retail Florists' Association's bill No. 13 before the House of Delegates, to prohibit crepe pulling, was defeated at the meeting of the House. The members say the bill was not properly made up as presented. They will try again.
The Bentzen Floral Co. have sold their stock and leased the greenhouse at 4925 Marens Ave., to Joe Hamerle who was until recently foreman of the Grim & Gorley greenhouse plant. The Bentzens will devote all their time to their retail store at 3118 N. Grand Ave.

About three centuries ago there lived in North Europe a man by name of Oechus Bochus. He was a born conjurer and it became customary in those days for a conjurer to say "Oechus Bochus" when he performed a trick, instead of firing off a pistol like sleight-of-hand professors do nowadays. Later day spelling changed the phrase to "Hocus-pocus," which means tricky. Now in the bulb business there are salesmen who would fare better if they would only come right out and say "Hocus-pocus" when they make a sale and be done with it; for Hocus-pocus sales bounce back like a rubber ball, and it's the back-draft that hurts business. If every salesman had to face the back-draft he would be more careful in his sales. Look out for the Hocus-pocus salesmen; those promoters who change their name to John Doe after the sale is made. Buy good bulbs, pay enough for them, and then insist upon getting what you pay for. In lily bulbs there is no better brand than Horseshoe Brand, and if you buy them there is no need of empty promises and persuasive methods because they must make good to uphold their good name. No Hocus-pocus about them, that's a sure thing, and no secrets in their make-up. Prices are as reasonable as we can afford. Write us.

Easter Lily Bulbs for Immediate Delivery
The new Sargent rose originated by Jackson Dawson, now offered for the first time for fall 1912 delivery.

This seedling combines the good qualities of R. Wichuraiana, R. Crimson Rambler and R. Baroness Rothschild which have been used in its evolution. The flowers are single, about three inches across, pale rose in color and produced in greatest profusion in pyramidal clusters all along the strong branches, blooming from the middle of May till end of June. The foliage is a beautiful glossy green and remains in good condition till late fall.

As this stock is limited book your orders early. $1.50 each

Silver Medal awarded to Jackson Dawson for Prof. C. S. Sargent Rose by the Massachusetts Horticultural Society, June 26th, 1909

Also Notable Advances in Roses Originated by Jackson Dawson, which have received high honors at home and abroad

Lady Duncan, Dawson, Daybreak, Farquhar, William Egan and Minnie Dawson

WRITE FOR PRICES

SPECIAL WHOLESALE RATES ARE OFFERED, BUT TO THE TRADE ONLY

EASTERN NURSE
ER MEDAL ROSE

THE SARGENT ROSE

We also carry a LARGE STOCK of Fine Conifers, Deciduous Trees and Shrubs and Hardy Herbaceous Perennials

Send for Our New Illustrated Catalogue

ES,  HENRY S. DAWSON, Manager
JAMAICA PLAIN, MASS.
Seed Trade

Prize Vegetables at Boston.

Following is a summary of the awards in the vegetable section of the Agricultural Department of the Industrial and Educational Exposition recently held in Boston:


Corn,—Baker Farm, So. Lincoln, Mass., general exhibit, first corn, first; A. H. Weld, Rochester, Mass., field corn, special prize. N. Dwight Pratt & Son, Mifflin, Conn., sweet corn, Dowse's Evergreen, first; N. Dwight Pratt & Son, Mifflin, Conn., Brewer's Yellow Dent, first; N. I. Bowditch, Framingham, Mass., Stuehney Corn, first; Harry & Smith, Jr., Vernon, N. H. Twelve-Roaded Yellow Flint, first; Seymour A. Ryan, St. Albans, Vt., second; Baker Farm, So. Lincoln, Mass., Eight-Roaded Yellow Flint, first; Wm. Pople, St. Albans, Vt., second.

 Alfalfa —Maples Farm, Berlin, Conn., first;

Oats and Barley—A. D. Collins, St. Albans, Vt., oats, first; Fred M. Jermyn, St. Albans, Vt., second; C. F. McEvoy, Fairplay, Vt., barley, first.

Pumpkins and Squashes—Anson Wheeler, Concord, Mass., pumpkins, first; G. W. Barnhill, St. Albans, Vt., second; C. F. McEvoy, Fairplay, Vt., barley, first.

Nexious Seed Laws or the Restraint of Seed Trade.

We note from time to time in your valuable paper the announcement of some new seed law being placed on the statute books in the various States. Taking them as they are, we find they are all more or less drawn along the same lines, with the exception that some of them are more stringent than others, as they prohibit the sale of seeds containing certain weed seeds which in that particular State are considered noxious.

For instance, in North Dakota quack grass and Canada thistle are termed noxious seeds, in West Virginia dodder is termed a noxious seed; in North Carolina chaff (or chass) is also termed a noxious seed, and there are no doubt other States where similar laws are enacted.

The intent of any such legislation—if it were possible, is all right, but who can control Dame Nature that produces with both plant and noxious seeds. We do not think there is today a pure seed law on the statute books that would be upheld before any Supreme Court. They don't think it possible to have seed legislation unless it be along the lines of adulteration or misbranding of seeds.

HENRY MUNGESSER Co., New York.

TRUE IRISH SHAMROCK

SOWN NOW
will be in excellent condition for
St. Patrick's Day

Only Fresh Seed Will Germinate

Fresh Crop Seeds Now Ready

Trade Packet, 25c. 75c. Per Ounce

HENRY F. MICHELL CO.
518 Market Street, PHILADELPHIA

CATALOGUES RECEIVED.


F. W. Kelsey Nursery Co., New York City.—Special Wholesale Price List of Trees, Shrubs and all Hardy Plants.

M. Herb, Naples, Italy.—Catalogue No. 123, being a price list, illustrated, of novelties of M. Herb's raising, for 1912. The offers include some noteworthy and highly interesting novelties in annual flowers and bedding plants.

Sluis & Groot, Enkhuizen, Holland.—Advance Price List (October 29th) of Vegetable, Flower and Agricultural Seeds. As usual, a very important and complete wholesale list, Contract offers for delivery, fall 1912 and 1913, are promised for December mail.

NEWS NOTES.

Evansville, Ind.—Fire destroyed the w. house of the Ohio Valley Seed Co., on Nov. 1, loss $25,000.

Indianapolis, Ind.—The wholesale house of the Smith & Young Co., 134 North Alabama street, opened the first of the week.

Evergreen, Ala.—Chas. S. Lee & Co., dealers in hardy evergreens and other southern decorative stock have just completed a 50x100 packing building.

Indianapolis, Ind.—A block of land at Thirty-eighth street and Senate avenue has been purchased by F. Sidney Smith, wholesale grower, to be used in connection with his present business.
FANCY
HAND PICKED
ONION SETS
3-4 Inch Mesh
LOW PRICES
J. BOLGIANO & SON
Almost 100 Years Established Trade Wholesale Seedsmen
Baltimore, Md.

PEAS, BEANS, RADISH and all Garden Seeds
Write for Prices
LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO
Wholesale Seed Growers and Dealers

SEEDS, PLANTS, BULBS
All seasonable kinds of best quality
Special prices on large lots
JAMES VICK'S SONS,
Seedsmen
ROCHESTER, N. Y.

COMPLETE STOCK FRENCH AND DUTCH BULBS
Price list free on request.
Joseph Breck & Sons Corp.
47-54 No. Mark St., BOSTON, MASS.

CHANCE BULBS
In great variety for present planting—in-doors and out
THOMAS J. CREY CO.
32 South Market Street, Boston, Mass.

FRESH CROP
ASPARAGUS PLUMOSUS 
NANUS SEED
(Greenhouse grown.) Due in December. We are now looking orders for both greenhouse and outside grown Asparagus Plumosus Seed. Write us.
S. S. SKIDELSKY & CO.
1215 Betz Bldg. Philadelphia.

Farquhar's Flower Seeds for The Florist
Write for our Wholesale Catalogue
R. & J. FARQUHAR & CO.
Boston, Mass.

Established 1820
Thorburn's
Bulls
We offer high grade stock of the following white unsold:
LILIUM HARRISII, 7-9 inches in circum. at $15.00 per case of 250 bulbs.
WHITE ROMAN HAR GINTUS, 12-15 cm., at $18.00 per 1000.
PAPRI WHITE GRANDIFLORUS NARCISSUS, at $8.00 per 1000.
Cash with order.
Only a limited supply left so speak quickly.
J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

GIGANTEUMS
From COLD STORAGE
Our Own Cold Storage Plant in Our Store
Prompt Shipment
BOSTON

THE...
J. C. Robinson Seed Co.
Waterloo, Neb.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas,
Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.
ONION SEED
We have a choice lot of new crop Silver Skin or Portugal, also other varieties. Write for prices.

SCHILDER BROS.
CHILLICOTHE, OHIO

COLDWELL LAWN MOWERS
Hand—Horse—Motor
Known All Over the World
Catalogue on Request.
NEWBURGH, N. Y.

PRINTING Fruitmen, Horticulturists and Pedlerymen should get their printing done by specialists. Write for prices to THE REX CO., Harrisburg, Pa.
Of Interest to Retail Florists

Limon, Colo.—L. J. Young, proprietor of Young & Floral Co., has sold out and moved to Denver.

Willoughby, O.—A. Wilson, of the firm of Wilson & Knight, has sold his interest in the business to his partner, James Knight.

Seattle, Wash.—The affairs of the Northwestern Floral Co., 11th and Tacoma streets, are in the hands of a receiver, it is reported.

New York, N. Y.—Fire damaged the store of Peter J. McNelley, florist, on Forty-second street, on Nov. 3. He places his damage at $1000.

Indianapolis, Ind.—The Fountain Square Flower Shop, Karl H. Schuck, proprietor, which opened for business last July, has gone out of business.

Shawnee, Okla.—The Brenner Floral Co., Broadway and Wall street and

Alex. Mcconnell
571 Fifth Avenue
New York City
Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls, 487 and 488 Murray Hill.

Wm. H. Long 412 Columbus Ave.

David Clarke's Sons
Or Out-Going Steamers
Write or telegraph 2139-2141 Broadway, New York

Telephone 1455-1553 Columbus Established 1874.

D. R. D. S.

Florist
N. E. Cor. 44 St. & Madison Avenue, N. Y. City

Flowers shipped on all steamers. Special correspondents in all the large cities of Europe and the British Colonies. Telegraph and Cable address, D. R. D. S.

Young & Nugent
42 West 28 St., New York

"Flowers by Telegraph"

Flower Deliveries
In Brooklyn and other Long Island Points, New York City, New Jersey, etc. At Theatres, Hotels, Steamers or Residences.

Wilson

Floral St. and Greene Ave., Brooklyn, N. Y.

Buffalo
S. A. Anderson
440 Main Street

Special Deliveries Niagara Falls and Lockport

The Rosery

76 Maiden Lane

Albany, N. Y.

Flower Deliveries for Albany and Vicinity

"The Home of Flowers"

The largest cut flower store in America. Orders for the Twin Cities and for all Northwestern points given prompt attention.

H. H. Holm & Son, Incorporated

t. St. Paul, Minn.

Louisville, Ky.

Jacob Schulz

550 South Fourth Ave.

John Breitmeyer's Sons
Cor. Miami and Gratiot Aves.
Detroit, Mich.

Artistic Designs . . .
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

William J. Smyth
Florist
Cor. Michigan Ave. and 31st St., Chicago
We ship to all points in Illinois and Iowa.


Samuel Murray
Kansas City, Mo.
913 Grand Ave.

All Orders Given Prompt and Careful Attention

Washington, D. C.

Guide's
The Far-Famed Flowers of

Toroonto

Delivered on mail or telegraph order for any occasion, in any part of the Dominion.

John H. Dunlop
96 Yonge St., Toronto, Ont.

The Park Floral Co. J. A. Valentine Pres.

Denver, Colorado

William L. Rock Flower Co.

Kansas City, Mo.

will carefully execute orders for Kansas City and any town in Missouri or Kansas.

W. J. Palmer & Son
304 Main Street, Buffalo, N. Y.

Members Florists' Telegraph Assn.

Albany, N. Y.

Eyres

Flowers or Design Work
Delivered in Albany and Vicinity on Telegraphic Order

11 North Pearl St., Albany, N. Y.
SPRINGING OF THANKSGIVING

You'll need Baskets—lots of them for Chrysanthemums, American Beauties, Carnations. It's time to stock up. We have the finest and most varied stock of Standard, Special and Novelty Baskets and Stands, in Willow and Braid, Wicker, Metal, Rattan, Twig and Rush—in natural, antique, or art colors—simple or elaborate, in endless variety and sizes. Over thirty pages of photographs of baskets in our New Catalogue, showing hundreds of styles, and fully described. This superb album of florists' supplies, 11 x 14, over 100 pages of illustrations, prices and descriptive matter, is the most elaborate ever issued. A copy goes free to your address on request.

H. BAYERSDORFER & CO.

THE Florist Supply House of America

1129 Arch Street, - - - PHILADELPHIA, PA.

NEW ENGLAND
FLOWER DELIVERIES
Send flower orders for delivery in Boston and all New England points to
THOS. F. GALVIN
124 Tremont St., Boston

TRANSFER
Your orders for flower or plant delivery in Eastern New England to
JULIUS A. ZINN
1 Park St., Boston

BOSTON'S BEST
In Quality and Design
Can be relied upon when you transfer your retail orders to
EDWARD MACMULKIN
194 Boylston Street, Boston

Littlefield
FLORIST
407 & 409 Main St.

H. F. A. Lange
WORCESTER, - - - MASS.

Delivers to all Points in New England, 125,000 square feet of glass.

"FLOWERS BY TELEGRAPH."
Leading Retail Florists Listed by Towns for Ready Reference.

Albany, N. Y.—H. G. Eyres, 11 N. Pearl St.
Albany, N. Y.—The Rosery, 76 Maiden Lane.
Boston—Thos. F. Galvin, 124 Tremont St.
Boston—Edw. MacMulkin, 194 Boylston St.
Boston—Penn, the Florist, 57-43 Bromfield St.
Boston—Julius A. Zinn, 1 Park St.
Brooklyn, N. Y.—Robert G. Wilson, Fulton St. and Greene Ave.
Buffalo, N. Y.—Palmer's 394 Main St.
Buffalo, N. Y.—S. A. Anderson, 490 Main St.
Chicago—Williams J. Smyth, Michigan Ave. and 67th St.
Denver, Col.—Park Floral Co. 1043 B'way.
Detroit, Mich.—J. Bremmer's Sons, Muni and Gratiot Aves.
Kansas City, Mo.—Samuel Murray, 192 Grand Ave.
Kansas City, Mo.—Wm. L. Rock Flower Co. 1116 Walnut St.
Louisville, Ky.—Jacob Schub, 350 South Fourth Ave.
New York—David Clarke's Sons, 2120-2141 Broadway.
New York—Alex. McConnell, 611 5th Ave.
New York—Young & Nugent, 42 W. 29th Street.
New York—Bards, N. E. cor. 44th St. and Madison Ave.
St. Paul, Minn.—Helm & Olson.
Toronto, Can.—J. H. Dunko, 96 Yonge St.
Washington, D. C.—Gude Bros., 1211 F St.
Wellesley, Mass.—Tailby.
Worcester, Mass.—Littlefield, 407-409 Main St.

JERRY V. Hock is erecting a handsome new store with dwelling above at his place on Putnam avenue, Detroit. To properly round up his place he expects to add at the end of the store a greenhouse 150 feet long.

NEW FLOWER STORES.

Cleveland, O.—Miss O'Connor, 2650 Superior avenue.
Providence, R. I.—J. Hughes, 84 Westminster street.
Washington, D. C.—C. P. Grosse, 1424 P. street, N. W.
Plymouth, Mass.—The Kingston Gardeners, Court street.

NEWS NOTES.

H. E. Le Page has purchased and will continue the retail florist establishment conducted by Mrs. Albert Lindstrom at Stamford, Conn.

A receiver was appointed for the business of Henry L. Blind and Edward H. Blind, doing business as H. L. Blind & Brother, in common pleas court on October 50. Ernest C. Daum being named. Bond of $100,000 was furnished. The firm conducts a florist business at Liberty avenue and 5th street and in Center avenue near Aiken avenue.—Pittsburgh (Pa.) Sun.

BOSTON, MASS.

"Penn, The Telegraph Florist"
37-43 BROMFIELD STREET

WELLESLEY COLLEGE

Dana Hall, Walnut Hill and Rockridge Hall Schools. TAILBY, Wellesley, Mass.
Tel. Wellesley 4-4627 and 24-71.
WHITE LILAC
PER BUNCH, $1.25
We will have plenty of good lilac this season
BEAUTIES, per doz., $1 to $3
Good quality, excellent values
CATTLEYAS, per doz., $6

The Leo Niessen Co.
WHOLESALE FLORISTS
N. W. Corner
12th and Race Sts., PHILADELPHIA

THE BEST LETTERS
FOR
THOSE
MADE
BU
BY THE
Boston Florist Letter Co
66 PEARL ST., BOSTON
N. F. McCarthy, Mgr.
Order direct or buy from your local supply dealer. Insist on having the
BOBS
Inscriptions, Emblems, etc. Always in Stock.

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

PETER REINBERG
WHOLESALE
CUT FLOWERS
37 Randolph St., Chicago, Ill.
POEHLMANN BROS. CO.
33-35-37 Randolph St., - CHICAGO
CUT FLOWERS
Greenhouses, - Morton Grove, Ill.
George B. Hart
WHOLESALE
FLORIST
24 Stone St., Rochester, N.Y.

The J. M. McCullough's Sons Co.
WHOLESALE COMMISSION FLORISTS
CONSIGNMENTS SOLICITED
Special attention to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. Price list on application.
Phone Mule 584. 316 Walnut St., Cincinnati

WELCH, BROS.
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR
ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED
226 Devonshire Street, BOSTON, MASS.

WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100
TO DEALERS ONLY

ROSES

<table>
<thead>
<tr>
<th></th>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHIL.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Av. Beauty, Fancy and Special</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Extra</td>
<td>15.00</td>
<td>12.00</td>
<td>15.00</td>
<td>12.00</td>
</tr>
<tr>
<td>Jr.</td>
<td>4.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>1.00</td>
<td>3.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Cattleyas, Fancy &amp; Spec.</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fanc. &amp; Spec.</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Low grades</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>H. H.</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>A. H.</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>CARNATIONS, First Quality</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Ordinary</td>
<td>0.50</td>
<td>0.75</td>
<td>0.50</td>
<td>0.50</td>
</tr>
</tbody>
</table>

MISCELLANEOUS

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cattleyas</td>
<td>25.00</td>
<td>35.00</td>
<td>25.00</td>
<td>25.00</td>
</tr>
<tr>
<td>Lilacs, Longiflorum</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Lily of the Valley</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Chrysanthemums</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>Violets</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Sweet Peas</td>
<td>0.50</td>
<td>0.75</td>
<td>0.50</td>
<td>0.50</td>
</tr>
<tr>
<td>Geraniums</td>
<td>1.00</td>
<td>1.50</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Adenium</td>
<td>1.00</td>
<td>1.50</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Smilax</td>
<td>1.00</td>
<td>1.50</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>&quot; &amp; Spen (100 bchs.)</td>
<td>10.00</td>
<td>15.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
</tbody>
</table>

J. A. BUDLONG
82-84-86 E. Randolph St., Chicago
OUR STOCK IS A-1 AND IT IS QUALITY NOT PRICES THAT TALKS

Chicago Flower Growers' Association
Wholesale Growers of Cut Flowers and Plants
176 N. MICHIGAN AVE., BETWEEN RANDOLPH AND LAKE STREETS, CHICAGO

HENRY M. ROBINSON & CO.
15 Province St., 9 Chapman Pl., BOSTON, MASS.
Everything in Flowers
Complete Stock of Florists' Greens,
Three Floors of Florists' Supplies.

ROBERT J. DYSART
Public Accountant and Auditor
Simple methods of correct accounting especially adapted for Florists' use.
Books Balanced and Adjusted
Merchants Bank Building
28 STATE ST. - - BOSTON
Telephone, Main 58.
Flower Market Reports

The present week with its BOSTON sunny skies and chrysanthemum situation shows no improvement over the preceding week, and there is no immediate prospect for any change for the better. Dealers are pessimistic and seem to have a troublesome furnishing about the chrysanthemums at their height of quality and quantity. That good old stand-by, Major Bonnaffon, maintains the lead in popularity and general usefulness. Carnations are up to prize winning quality but that does not help them greatly on price obtainable. Roses are also very good. Gardenias more plentiful and improving in quality.

CHICAGO Trade is good and the market is in a very satisfactory condition. Stock is just plentiful enough to keep prices right and quality is excellent. Chrysanthemums are queens of the day and every possible variation of this favorite is now to be had, the pompons receiving their full share of attention. It is a question if the absence of the annual flower show has not increased rather than lessened the local sale of chrysanthemums this fall. Those who grow the big fancy blooms are having orders for them from the exhibitors at the neighborhood shows and they bring fancy prices accordingly. Violets, both single and double, are selling at moderate prices and do not take an important place in the market yet. Lily of the valley is of several grades, the best selling most readily. Roses cannot be said to be scarce but there are few left each day and large orders are usually followed by a search for stock. My Maryland is a favorite at this time, quality and color both very good. Cattleyas are in good demand. Cosmos grown under glass are a new addition this year, some blooms at J. A. Budlong's being four or more inches in diameter and they are taking well, being excellent keepers.

CINCINNATI Business runs along merrily. The supply is large and the demand very good. The call from the shipping trade is large. The over supply of the squashes is at an end, while the glut of white roses, owing to very large offerings, continues in spite of good sales. Other colors clean up quickly each day. More carnations could easily be used. The darker shades are coming in stronger and are selling as well as the lighter ones. All good chrysanthemums move quite well with the larger sizes as the most favored by the buyers. Easter lilies are again good property for the wholesalers. The supply of violets, both single and doubles, is far short of the request for same. Lily of the valley and orchids are enjoying a good market. All lines of greens are in demand and there is a good supply of the same.

NEW YORK The conditions prevalent in the wholesale market generally are still as they have been reported for the past two weeks with the situation even more aggravated on some lines. Accumulations of many staples are on all sides and no reasonable outlet is open to the holders. It is at such times as this that New York growers and dealers feel keenly the need of the extensive shipping outlets they once enjoyed, and it should be a very proper subject for them to take under serious consideration to ascertain, if possible, the reasons for the diminution of New York's out-of-town demand while other large markets have been able to hold theirs thus far, and whether it may be possible to regain any part of what has been lost. It is evident to everyone that for a very considerable portion of the year—the period increasing, too, with each year—the production of flowers for this market is too large for the local needs and the train of evils that follow in...
HORTICULTURE

M. G. FORD
Successor to
FORD BROTHERS
121 West 25th Street NEW YORK
FINE ROSES. FANCY CARNATIONS
A Full Line of All Cut Flowers.
Telephone: 2619 or 2674 Madison Square

H. E. FROMENT
Wholesale Commission Florist,
Choice Cut Flowers,
47 West 28th St., :: NEW YORK
Telephone: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send for quotations. Correspondence with shippers of first-class stock invited.
130 West 28th Street, New York
Telephone 4625-4627 Madison Square.

Edward C. Horan
Wholesale Florist
55 WEST 28th ST.

Moore, Hentz & Nash
Wholesale Commission Florists
55 and 57 West 26th Street
Telephone No. 750 Madison Square

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ MAURICE L. GLASS
Coogan Building, 55-57 West 26th Street
NEW YORK CITY
Telephone 2603 Madison Square Open from 9 a.m. to 6 p.m.

THE KERVAN COMPANY
Fresh Cut Evergreens, Mones, Southern Smilax, Galax and Leucothoe, Preserved and Fresh Cut Cycles and Palmetto.
Tel. 1519 1.5003 Madison Sq. 113 W. 28 St., New York.

REED & KELLER
122 West 28th St., New York
Florists’ Supplies
We manufacture all our Metal Designs, Baskets, Wire Work & Novelties
and are dealers in Decorative Glassware, Greens and Florists’ Requisites.

P. J. SMITH
Successor to JOHN F. RAYNOR
Wholesale Commission Florist
selling Agent for
LARGEST CROWNS
A full line of Choice Cut Flower Stock for all purposes
by the 100, 1000 or 10,000
TEL. 1998 MADISON SQUARE 49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone: 3522-3533 Madison Square

J. K. ALLEN
HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY ORCHIDS ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, Tel. 759 55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

<table>
<thead>
<tr>
<th>ROSES AND CARNATIONS</th>
<th>Last Half of Week ending Nov. 4</th>
<th>First Half of Nov. beginning Nov. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. M.</td>
<td>15.00 to 15.00</td>
<td>15.00 to 15.00</td>
</tr>
<tr>
<td>B. M.</td>
<td>16.00 to 16.00</td>
<td>15.00 to 15.00</td>
</tr>
<tr>
<td>C. M.</td>
<td>17.00 to 17.00</td>
<td>16.00 to 16.00</td>
</tr>
<tr>
<td>D. M.</td>
<td>18.00 to 18.00</td>
<td>17.00 to 17.00</td>
</tr>
<tr>
<td>E. M.</td>
<td>19.00 to 19.00</td>
<td>18.00 to 18.00</td>
</tr>
<tr>
<td>F. M.</td>
<td>20.00 to 20.00</td>
<td>19.00 to 19.00</td>
</tr>
</tbody>
</table>

BAGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephones 1064 Madison Square

SIEBRECHT & SIEBRECHT
Wholesale Florists
136 W. 28th St., New York City

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers
54 WEST 28th St., NEW YORK
Telephones 3538 Madison Square

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK
Shipments, any quantity, Wholesale Market Rates
Flower Market Reports. (Continued from page 677)

consequence of such a situation is a long one and widespread, and not only disastrous but degrading to the entire flower industry. Violets are almost worthy of a full report; their form is so beautiful, and the size so uniform, that they attract the attention of all who see them, and are a splendid acquisition for the market. They are a welcome addition to the list of flowers, and will doubtless be a great success. The demand for greens has slackened up perceptibly since the trade comes to the fact that there is plenty to be had. Limey is not scarce, and the demand for it is moderate. The price has gone up, and the supply is better. The market has plenty of good stock to supply it. Wholesale consignments have not been very heavy, and the demand for greens is not very heavy. Chrysanthemums have the call and are selling well. Of roses the market has plenty, but carnations are not in plenty. Prices on general stock remain as at last report.

PHILADELPHIA NOTES.

A very important bill was decided in favor of M. Rice & Co. before the full board of directors of the company. It is said that the company has been working on this bill for some time, and that it is expected to be of great benefit to the company. The bill is expected to pass the house and be signed into law by the governor.

Washington was last week visited by a killing frost which killed a large portion of the crop. Dahlias and cosmos are not so plentiful for which indoor growers are thankful, but their stock is coming along in much better shape. There has been somewhat of a scarcity of roses and carnations, but what has come into the market moved well.
Buyer's Directory and Ready Reference Guide

Advertisements under this head, one-cent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Buyers falling to find what they want in this list will confer a favor by writing us and we will try to put them in communication with reliable dealers.

For List of Advertisers See Page 685
FLORISTS' SUPPLIES
N. F. McCarthy & Co., 84 Hawley St., Northampton, Mass.
For page see List of Advertisers.
Robert Co., 313 Broadway, Chicago, Ill.
For page see List of Advertisers.
John Scott, Brooklyn, N. Y.
For page see List of Advertisers.

DIYCAINAS
Dracaena indica, fine stock, 3-in., $3.00 per 100; 4-in., $4.00 per 100.
Sahle Bros., Fredonia, N. Y.
DIYCAINA INDIVISA
Strong roots ready for 3-in. pots, $10.00 per 100.
Vera L. Schurab, Ely, Pa.

EVERGREENS
For page see List of Advertisers.
Bobblin & Atkins, Rutherford, N. J.
For page see List of Advertisers.

PEAKS
For page see List of Advertisers.
For page see List of Advertisers.
H. J. Rietli, 140 Whiting St., Whitinsville, Mass.
For page see List of Advertisers.
John Scott, Brooklyn, N. Y.
For page see List of Advertisers.
For page see List of Advertisers.
Frank Sloss, 401 Quincy St., Chicago, Ill.
Ferns for Dishes.
For page see List of Advertisers.
F. R. Pierson Co., Tarsettrown-on-Hudson, N. Y.
For page see List of Advertisers.
Joseph Hesch, Wyncote, Pa.
For page see List of Advertisers.
George A. Kahle, St. Paul, Minn.
Special Rochester Ferns.
J. A. Peterson, Westwood, Cincinnati, O.
Aspenium Niphonicum, and Pianandra Veitchii.
Roman J. Irwin, New York, N. Y.
For page see List of Advertisers.
Boston Ferns, 5-in., 6-in., 7-in. pots, $5.00, $8.00 and $9.00 a dozen.
Andrew P. Petter- son, South Lincoln, Mass.
Anderson's ferns for in and outdoors.
Largest commercial collection in the country.
Ask for their descriptive June 2 Anderson, Fern Specialist, Short Hills, N. J.
Boston Ferns—6-inch pots, 45c each, $4.00 per dozen; 4-inch, 25c each, $1.00 per 100; 3-inch, 25c each, $2.50 per 100; 2-inch, 35c each, $4.00 per 100; 1-inch, 50c each, $1.00 per 100.
Fern and Flower Co., Cambridge, Mass.
For page see List of Advertisers.
Boston Ferns, 4-in., 5-in., 6-in., 7-in., 8-in. pots, $1.00, $2.00, $3.00 per 100.
Sahle Bros., Fredonia, N. Y.
Pam and Scented Rose Ferns, 25c, 50c, $1.00 per 100.
F. Ricli, Detroit, Mich.
Geraniums, standard varieties, 24-in., $2.00 per 100.
P. Ricli, Detroit, Mich.
S. Sa. 10.2 in., Rose 2 12 in., $2.00 per 100.
Storr's & Harrison Co., Palisades, Ohio.
For page see List of Advertisers.

GENIUS
Genista racemosa, 6-in. pot plants, $25.00 per 100.
Storr's & Harrison Co., Palisades, Ohio.

GERANIUMS
For page see List of Advertisers.
Geraniums, standard varieties, 24-in., $2.00 per 100.
Sahle Bros., Fredonia, N. Y.
Frago and Scented Rose Geraniums, 25c, 50c, $1.00 per 100.
P. Ricli, Detroit, Mich.
Geraniums, standard varieties, 24-in., $1.00 per 100; or will exchange part for Vinca root runners. F. Ricli, Detroit, Mich.
Geraniums, S. A. Nart 2 in., Rose 2 12 in., $2.00 per 100.
For page see List of Advertisers.
CO. EDGEBROOK, Chicago, Ill.

GLASS
Boston Plate & Window Glass Co., Boston.
For page see List of Advertisers.
Standard Plate Glass Co., 36-38 Sudbury St., Boston.
For page see List of Advertisers.
Foley Mfg. Co., Western Ave., between 25th and 26th Sts., Chicago.
For page see List of Advertisers.
Sharp, Parton & Co., 522 and Lumber St., Chicago.
For page see List of Advertisers.

GLASS SUPPLIES
Metropolitan Material Co., 129-1/2 Metropolitan Ave., Brooklyn, N. Y.
For page see List of Advertisers.

GLAZING POINTS
For page see List of Advertisers.

GPHNPhaLUS
Gynandrium Lanotum cuttings, 2 in., $2.00 per 100.
For page see List of Advertisers.

GREENHOUSE BUILDING MATERIAL
For page see List of Advertisers.
John King Construction Co., N. Tonawanda, N. Y.
For page see List of Advertisers.
J. C. Muninger, 117 East Blackhawk St., Chicago, Ill.
For page see List of Advertisers.
For page see List of Advertisers.
P. Parker, Brooklyn, N. Y.
For page see List of Advertisers.
For page see List of Advertisers.
For page see List of Advertisers.

GREENHOUSE CONSTRUCTION
For page see List of Advertisers.
John King Construction Co., N. Tonawanda, N. Y.
For page see List of Advertisers.
For page see List of Advertisers.
P. Parker, Brooklyn, N. Y.
For page see List of Advertisers.
For page see List of Advertisers.

GUTTERS
King Construction Co., N. Tonawanda, N. Y.
For page see List of Advertisers.

HAIL INSURANCE
Flora's Hall Assn., of America.
J. G. Eiler, N. J.
For page see List of Advertisers.

HARDY FERNS AND SUPPLIES
Michigan Cut Flower Exchange, 26 and 40 Broadway, Detroit, Mich.
For page see List of Advertisers.
The Kervan Co., New York.
For page see List of Advertisers.
Harford & McMonough, Boston, Mass.
For page see List of Advertisers.
For page see List of Advertisers.

HEATING APPARATUS
Kroeschell Bros., Co. 600 Erie St, Chicago.
For page see List of Advertisers.

HELIOTROPE
Heliotrope, rooted cuttings, $0.50 per 1000.
Lake Geese, Inc., 250 per 100.
CO. EDGEBROOK, Chicago, Ill.

HERRAEUS PLANTS
P. Gowerkerk, P. O. No. 1, Holoken, N. J.
For page see List of Advertisers.

HEMOPHILUS LILY
Fulva, $2.50 per 100. C. S. Harrison's Select Nursery Co., York, Neb.

HONEY
For page see List of Advertisers.

HOT-BED SASH
For page see List of Advertisers.
For page see List of Advertisers.

H YDRA NG IAS
P. R. Pierson Co., Tarsettrown-on-Hudson, N. Y.
For page see List of Advertisers.
HYDRANGEAS—Continued.

Hydrangeas—giant white, 3 feet, $2.00 each; 5 feet, $5.00 each.

Advertise your Hydrangeas here.

SARGENT, Ad.

Giant Hydrangea, 2 to 3 feet, $2.00 each; 5 feet, $5.00 each.

HYDRANGEAS—Grown in pots, 8 inches, $1.00 each; 10 inches, $1.50 each.

IT'S A SELLER—Continued.

Horticultural Advertisements

For List of Advertisers See Page 685
PHIAT—continued
Half a million private, Strong, heavy, well furnished stock, 16 to 24 in., $2.00 per 100; 2 to 16 in., 3 to 4 ft., $3.25 per 100. Dwarf and specimen evergreens, shrubbery, and all varieties.
AMERICAN NURSERY CO.
Singer Hlle.
New York, N. Y.

RHODODENDRONS
P. Ouwerkerk, Hoboken, N. J.
For page see List of Advertisers.

RIBBON'S AND CHIFFONS
For page see List of Advertisers.
For page see List of Advertisers.

ROSES
P. Ouwerkerk, P. O. No. 1, Hoboken, N. J.
For page see List of Advertisers.
For page see List of Advertisers.
W. A. Smith Co., Geneva, N. Y.
American Growers
For page see List of Advertisers.
Bay State Nurseries, North Attleboro, Mass.
For page see List of Advertisers.
Wood Bros., Fishkill, N. Y.
For page see List of Advertisers.

SAVIAV
Savvia, rooted cuttings: Bonde, Zurich, £6.00 per 100.
The GEO. WITTBOLOD CO., Edgebrook.

SANSEVIERIAS
Sanseviera, 4 in., each, 22¢ 25 per.
The GEO. WITTBOLOD CO., Edgebrook.

SEED GROWERS
Brazilian Seed Growers Co., San Jose, Cal.
For page see List of Advertisers.
Onion, Lettuce, Sweet Pea Seeds.
For page see List of Advertisers.
J. C. Robinson Seed Co., Waterloo, Neb.
Contract Seed Growers.
For page see List of Advertisers.

SEEDS
T. J. Grey Co., 32 So. Market St., Boston
For page see List of Advertisers.
Joseph Breck & Sons.
61 and 57 N. Market St., Boston.
For page see List of Advertisers.
Richard Bros., 57 E. 13th St., New York.
For page see List of Advertisers.
For page see List of Advertisers.
W. H. Robinson, Philadelphia.
For page see List of Advertisers.
Arthur T. Boldington, New York,
For page see List of Advertisers.
Gertrude McCall, Chicago.
For page see List of Advertisers.
For page see List of Advertisers.

SEED GROWERS—Continued
For page see List of Advertisers.
James V. Vickers, Jr., Rochester, N. Y.
For page see List of Advertisers.
Aquatic and Water Plants.
For page see List of Advertisers.
W. W. Hinsdale, Chicago, III.
For page see List of Advertisers.
James V. Vickers, Jr., Rochester, N. Y.
For page see List of Advertisers.

SHEET MOSS
The very best quality obtainable.
For early orders we will offer inducing prices.
Jones, The Holly Wreath Man, Milton, Delaware.

SOLANUM
Solanum andiaceum, 6 in., strong plants, 50 each, dollar. 50.00.
Capsicum, for Balcony and Shrubbery. 6 in., 50.; 2 ft., $1.00 each.
For page see List of Advertisers.

SPHAGNUM MOSS
Live sphagnum moss, orchid peat and orchid baskets in bags. Lager & Harre, Summit, N. J.

SPRAVETORS

TRADESCANTIA
Tradescantia variegata (Wandering Jew). 2 in., 40c. each, $2.25 per 100.
For page see List of Advertisers.

TREE RENOVATION
John T. Withers, Inc., Jersey City, N. J.
For page see List of Advertisers.

VEGETABLE PLANTS
For Hall Farm, Norfolk, Va.
For page see List of Advertisers.

VENTILATING APPARATUS
For page see List of Advertisers.

VINCA
Vinca, 4 in., 25 per., $1.00 per 100.
The GEO. WITTBOLOD CO., Edgebrook.

WOOD PRESERVATIVE
Conservor Wood Preservative doubles the life of all fruit trees and shrubs. Preserves benches, posts, sills or plantings. Costs 5c. a stick, and saves ten times its cost. New method.
For page see List of Advertisers.

WIRED TOOTHPICKS
W. J. Cowee, Berilo, N. Y.
For page see List of Advertisers.

WHOLESALE FLORISTS
Boston
N. F. McCarthy & Co., 64 Hawley St.
For page see List of Advertisers.
Welch Bros., 226 Dorchester Ave.
For page see List of Advertisers.
H. M. Robinson & Co., 15 Province St.
For page see List of Advertisers.

BUFFALO, N. Y.
William F. Kasling Co., 353-57 Eiffel St.
For page see List of Advertisers.

CHICAGO
Peter Reinberg, 51 Wabash Ave.
For page see List of Advertisers.

CINCINNATI, OHIO
A. N. Piersen, Cromwell, Conn.
For page see List of Advertisers.

DETROIT
Michigan Cut Flower Exchange, 38 and 40 Broadway.
For page see List of Advertisers.

NEW YORK
M. C. Ford, 121 W. 28th St.
For page see List of Advertisers.
H. E. Froment, 57 W. 28th St.
For page see List of Advertisers.
E. C. Thorin, 55 W. 28th St.
For page see List of Advertisers.
A. H. Langhans, 130 W. 28th St.
For page see List of Advertisers.
James McManus, 55 W. 28th St.
For page see List of Advertisers.
W. F. Sheridan, 133 W. 29th St.
For page see List of Advertisers.
Wm. H. Kuebler, 28 Willoughby St.
For page see List of Advertisers.
Moore, Heets & Nash, 55 and 57 W. 28th St.
For page see List of Advertisers.

GREATER NEW YORK FLORISTS' ASSOCIATION
162 Arlington St., New York, N. Y.
For page see List of Advertisers.
J. K. Allen, New York, N. Y.
For page see List of Advertisers.
A. L. Young & Co., 54 W. 28th St., N. Y.
For page see List of Advertisers.
Charles Millang, 55 and 57 W. 28th St.
For page see List of Advertisers.
P. J. Smith, 45 West 28th St., N. Y.
For page see List of Advertisers.
For page see List of Advertisers.
Frank Millang, New York, N. Y.
For page see List of Advertisers.
Trandy & Scheckel, New York, N. Y.
For page see List of Advertisers.

PHILADELPHIA
For page see List of Advertisers.
For page see List of Advertisers.

Rochester, N. Y.
George B. Hart, 24 Stone St.
For page see List of Advertisers.
New Offers in This Issue.

**BOXXWOOD SPRAYS, LYCOPODIUM.**

**DECORATED WOODENWARE.**

**FANCY HAND-PICKED ONION SETS.**
J. Baloghno & Son, Baltimore, Md. For page see List of Advertisers.

**FREE TOBACCO POWDER OFFER.**
The H. A. Steenhoek Co., Mt. Vernon, N. Y. For page see List of Advertisers.

**GIGANTEUM FROM COLD STORAGE.**
The Petter, Fiske, Rowson Co., Boston, Mass. For page see List of Advertisers.

**LILIUUM MULTIFLORUM BULBS.**
Yokohama Nursery Co., New York, N. Y. For page see List of Advertisers.

**PHOENIX ROEBELENI SPECIAL.**
H. A. Fryer, Phila., Pa. For page see List of Advertisers.

**THE NEW SARGENT ROSE AND OTHER DAWSON ROSES.**
Eastern Nurseries, Jamaica Plain, Mass. For page see List of Advertisers.

**AMERICAN APPLES ABROAD.**
American apples, once tasted in a Dutch family, are used continually thereafter, but Vice Consul D. P. De Young, of Amsterdam, adds that owing to indirect shipments prices are higher and the condition of fruit poorer. Baldwin and similar red apples are in greatest demand. Local dealers desire smaller barrels or boxes. The addresses of the two large importers of apples in Amsterdam may be obtained from the Bureau of Manufactures, Department of Agriculture, Washington, D. C.

Consul Albert W. Swalm, Southampton, England, suggests that exporters of American apples should bear in mind that the English crop this season is one of the best and also one of the largest for many years, pears and plums being also abundant. The apple supply for autumn and early winter is far in excess of any for several years, which will keep down the price of all those imported until stocks have been consumed. Early consignments of American fruit for auction in England are light, but therefore prove bad ventures for the shipper.

Finer English apples have not been seen in market for many years, and the reports from the orchard districts are most flattering. The further fact that many new orchards are coming into bearing this year should also be considered. In dessert apples a one there may be a fair market for good American varieties of established name.

An Australian order for 58 car- loads, comprising 28,800 boxes of apples, is being filled in the State of Washington. The initial shipment consists of eight car- loads of Yakima Jonathans.

**To-Bak-Ine Products Kill Bugs**

You can buy it in Liquid Form, Fumigating Powder, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free.)

Use any form you choose but buy it of

**E. H. HUNT, 131 N. Wabash Avenue, Chicago**

**Cattle Manure in Bags**

Shredded or Pulverized

Pure — dry — uniform and reliable. The best of all manures for the greenhouse. Pulverized manure makes the best fertilizer for cullrations and liquid top-dressing. Unequalled for all field work. Write for circulars and prices.

**Pulverized Sheep Manure**

Absolutely the best Sheep Manure on the market. Pure manure and soil- ing else. The best fertilizer for cuttmations and liquid top-dressing. Unequalled for all field work. Write for circulars and prices.

**The Pulverized Manure Company**
31 Union Stock Yards

**Cocanut Fiber Soil**

Is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

20th CENTURY PLANT FOOD CO.,
27 Ocean St., Beverly, Mass.

**Rubber Stamps, Stencils**
Seals, Steel Stamps, Hotel Baggage and Key Checks, Badgers, Burning Brands, Pew Numbers, Numbers, Cutting Machines, Check Protectors, Stencil Combinations, Steel Alphabets and Figures, Indelible Inks, Stencil Colors and Brushes, Door Plates, Riley Type, Illustrated Catalogue of nearly 100 pages sent with first order or upon receipt of 52 cents stamps. Agents wanted.

**THE REX COMPANY,** Harrisburg, Pa.
List of Advertisers

Page
Advance Co.,...657
Albright Co.,...657
Anderson, S. A.,...657
Asheim, C., ...657
Aptos Market,...657
Bagley, Red,...657
Barnard, W. W.,...657
Barrett, E.,...657
Bayer Co,...657
Bay State Nurseries,...657
Belbluff & At...657
Belden & Sons...657
Boston Florists...657
Boston Plate & Warehouse...657
Bradley Co. ...657
Braun, J. J.,...657
Bridgeeman's Seed Warehouse...657
Budlong, J. A.,...657
Burpee, W. A.,...657
Chicago Carnation Co...657
Chicopee Flower Growers'...657
Child's, John...657
Clarke's, Dore...657
Coldwell Lawn Mower Co...657
Collins, E. & Co...657
Confetti, A...657
Craig, Rold...657
Crabbe Dairies...657
Dawson, H. W.,...657
Dorner & Son...657
Dreer, H. A.,...657
Dyant, R. J.,...657
Dunlop, A. H.,...657
Eastern Chemical Co...657
Eastern Nurseries...657
Edwards, Robert D.,...657
Elliott's, S. W.,...657
Eliot, J. G.,...657
Ewing, W. H.,...657
Eyes, S. M.,...657
Farquhar, J. &...657
Fayle Mfg. Co...657
Foster, M. C.,...657
Foster, W. P.,...657
Foster, P. L.,...657
Foster's, R. H.,...657
Fox Hall Farm...657
Frost, J. H.,...657
Galvin, Thos.,...657
Gent, W. N.,...657
Gliickling, W.,...657
Goertzen, A.,...657
Graham Bros.,...657
Gray, T. J. Co...657
Green Bros., Co...657
Halbert, R. J.,...657
Hart, G. W.,...657
Hartford & M...657
Hastings, J. B.,...657
Heacock, J...657
Heerlein, H. H.,...657
Herbert, D. &...657
Herbert, A. H.,...657
Hill, Charles...657
Hill, Charles...657
Holland Nurseries...657
Holm & Olsen...657
Home Corr...657
Hosack, E. C.,...657
Hosack, E. C.,...657
Hosack, Irwin, J.,...657
Jacobs & sons...657
Kasting...657
Krauss...657
Krupps Co...657
Krupps Co...657

Obituary

L. Gibson.

L. Gibson, florist, Twentieth and Grayson streets, Louisville, Ky., died on Oct. 24, aged 69 years. He was born at Bloomfield, Ky., and was a veteran of the Civil War, in which he lost an arm.

Patrick Birmingham.

Patrick Birmingham, an old Louisianian, landscape gardener, was found dead in his room at 1800 S. Compton avenue, Tuesday, Oct. 20, of carbon monoxide gas. It is claimed that Mr. Birmingham made Reservoir Park the beauty spot of it. He was 70 years old and leaves two sons to mourn his loss.

Charles Zimmerman.

On Oct. 3, Charles Zimmerman, of the firm of Chas. Zimmerman & Sons, 7150 Cottage Grove avenue, Chicago, Ill., died at his home, aged 64 years. Born in Switzerland, he came to this country in 1871, working in his profession in the east, going west to accept the position of gardener on the J. J. Mitchell estate in Chicago. He and his son established their florist business fourteen years ago. He was a son of the器官.

Norman J. Coleman.

Norman J. Coleman, well known among the nurseriesmen throughout the country, died at Jamaica, Long Island, Nov. 3rd, 1911, at the age of 84 years. Mr. Coleman was closely identified in President Cleveland's administration, ex-president of the American Association of Nurserymen and editor of the American Nurseryman. He leaves a son and two daughters, and a host of friends to mourn his loss. The funeral took place Monday, Nov. 16. The service was held at the Stone River church. The casket was covered with floral tributes. The funeral processions were at the church, and many beautiful floral offerings were sent by friends, both local and abroad.

George Woodward.

The death of Geo. Woodward, while not entirely unexpected, came as a shock to many of his friends who had hoped for his entire recovery from a long illness. George M. Woodward came to this country from England when a boy and was for many years a private gardener in the suburban towns about Chicago. Two years ago he opened a retail flower store on Lake avenue which failing health compelled him to give up. For several months he was in a hospital and the end came at his home 4915 Champlain avenue, Oct. 24th. He is survived by a wife, three sons and two daughters. The funeral was held from the residence Oct. 28, and interment was at Mt. Olivet.

POTLUCK and FRUIT REVIEW

A publication on the farm journal that reviews all poultry and fruit papers in the United States, will be sent on trial one year to all who send 15 cents to pay. Wrapping names of three fruit or poultry raisers.

THE REX COMPANY
HARRISBURG, PA.

MISCELLANEOUS

LANDSCAPE GARDENERS

Will find it to their interests to read PARK AND CEMETERY and LANDSCAPE GARDENING, regularly. Some gardeners consider it the best journal on landscape gardening. Send 25c. to two of the following:

R. J. HIGHTH, 110 So. Dearborn St., Chicago, and HORTICULRURE.

Horticulture

November 11, 1911

Page
Kroesewell Bros...657
Lager & Har...657
Langendorf...657
Leuthy & Co...657
Littlefield...657
Long, W. H.,...657
Macmillan, R. B.,...657
McIntosh & Co...657
McKinney, C. E.,...657
Michigan Flower...657
Milling, G.,...657
Miltz, A. Co...657
Monsen...657
Moore, W. E.,...657
Nash, H. C.,...657
Park Floral Co...657
Parshley Bros...657
Peters & Reed...657
Person...657
Pfeiffer, F.,...657
Pfeiffer, P. C.,...657
Potter...657
Powell Bros...657
Prebisch Bros...657
Purington, E.,...657
Purvis...657
Reid...657
Rose, G.,...657
Rosenberg...657
Rothschild Bros...657
Ruf, W. F.,...657
Rush, C. Co...657
Rutgers...657
Schilder Bros...657
Schultz...657
Scott, John...657
Schulte, S.,...657
South, W. B.,...657
Spencer...657
Stephens, J. C.,...657
Steele, C. N.,...657
Stone, J. W.,...657
Summers...657
Tupper...657
Ward, R. M.,...657
Watson, G. C.,...657
Welch Bros...657
Wether's Bros...657
Wilahlers, J. T.,...657
Wilson...657
Brown...657
Sims & Sons...657
Snow...657
Young, A. L.,...657
Zinna, J. A.,...657

Help Wanted

WANTED—A Steward and Superintendent on a large estate near New York City, with extensive park and greenhouses; an accomplished man of thorough business capacity, with botanical knowledge and experience. Best references required. Liberal salary. Apply A. H. T., P.O. Box 822, New York.

Situations Wanted

SITUATION WANTED in Massachusetts by an able nurseryman of over 25 years experience. Rose growing a specialty. Capable of taking full charge. Now in charge of large estate. Address N. L., care HORTICULTURE.

For Sale

FOR SALE—Fresh from factory, new 10 x 12, 16 x 16, 24 double thick. A and B qualities. Market dropped. Now is the time to buy and save money. Parshley Bros., Inc., 215-217 Havereney St., Brooklyn, N. Y.
GREENHOUSES BUILDING OR CONTEMPLATED.

Dover, N. J.—Henry Payne, addition.

Meriden, Conn.—John J. Bonell, one house.

Plymouth, Pa.—Henry Gregory, one house.

Mentor, O.—Merkle & Sons, house 25 x 300.

Stamford, Conn.—Belden B. Brown, house 18 x 50.

Maywood, III.—Rober & Radke, bulb house 12 x 75.

E. Pepperell, Mass.: Lowthorpe School, one house.

St. Joseph, Mo.—D. H. Mclnnonch, two houses each 25 x 100.

Worcester, Mass.—Fred Madaus, 1 Heywood street, one house.


Libertyville, III.—Alonzo J. Bryan, 282 E. Washington avenue, range of houses.

Franklin, Mass.—M. J. Van Leeuwen is installing a new boiler at his greenhouse.

Northboro, Mass.—The foundation for two boilers is being built at the greenhouses of Ralph L. Wadsworth, Pleasant street.

Franklin, Mass.—The Van Leeuwen greenhouses on Central street, were damaged by fire on Oct. 29. The quick work of neighbors prevented a serious loss.

Libertyville, III.—The greenhouses of the Chicago Rose Co. have been bought by Joseph Kohout and J. G. Schumann, who will do business under the firm name of Schumann & Kohout. Both were previously in the employ of Bassett & Washburn.

Fond du Lac, Wis.—The greenhouses of the Haentze Company sustained a $500 loss Friday night, October 27, when the boiler in rose and carnation section blew out, partially wrecking the buildings, and exposing 3000 rose plants to the blighting cold. The explosion was caused by the stoppage of an outlet pipe. Prompt work prevented a fire following the explosion.

HILLFINGER BROS., Pottery, Fort Edward, N.Y.

August Reiter & Sons, 31 Barclay St., N. Y. City Agents.

FOR GREENHOUSES

Drive easy and true, because both handles are on the same side. Can’t cock and break the glass in driving. Galvanized and will not rust. Will stand any amount of lefts. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

Dreer’s Peerless Glazing Points

FOR GREENHOUSES

DR. M. F. HUETZ.

STANDARD FLOWER

POTS

If your greenhouses are within two miles of the Capitol, write us, we can save you money.

W. H. ERNEST

28th & M Sts., Washington, D. C.

"FLOWERS."

The Suburban Press, publishers of Suburban Life, will issue a new monthly magazine called "Flowers," the first number to appear the first week in January, 1912.

This new magazine will be devoted exclusively to flowers, both cultivated and wild, giving the history of flowers; treating of wild flowers of field and forest; telling how the flowers got their names; the special flower for each month, etc. The culture of flowers will also be considered.

"Flowers" will be about the same size as "Life," and illustrated with half-tones direct from photographs. Subscription price, $1.00 a year.

Dennis T. Connor, who has been Philadelphia representative of the Lord & Burnham Company for a number of years, has severed his connection with that company and will hereafter represent the Foley Manufacturing Co. of Chicago, who have decided to establish branch offices in Philadelphia and New York. The Foley people are fortunate in getting the services of a man of Mr. Connor’s ability and wide acquaintance among the commercial and professional people.
What the Users Say

KROESCHELL BOILER
Half the Coal and Half the Work.

"Your No. 13 boiler is carrying 25,000 sq. ft. of glass and I can keep it at 60 degrees in the coldest weather without any trouble. I have three other types of boilers also heating a range of 25,000 sq. ft. of glass, but the No. 13 Kroeschell Boiler ONLY TAKES HALF THE COAL and half the work to get the same results."

J. G. FRISZ, Vincennes, Ind.

P. S.—Mr. J. G. Frisz, of Vincennes, Ind., has the largest range of glass in Indiana devoted to vegetable forcing.

KROESCHELL BROS. CO., 466 W. Erie St., Chicago, Ill.

RESULTS
THAT IS WHAT
YOU WANT

KING
GREENHOUSES
BRING RESULTS
BECAUSE EVERYTHING TO
THAT END HAS BEEN CON-
SIDERED AND THE GROWER
HAS HIS TIME TO DEVOTE
TO GROWING THINGS.

LET US FIGURE WITH YOU
ON YOUR
GREENHOUSE PROJECT
WE WILL SEND YOU
BULLETINS AND QUESTION
BLANKS TO EXPRESS YOUR
REQUIREMENTS ON.

King Construction Co.
Home Office and Factory
NORTH TONAWANDA, N. Y.
Eastern Sales Office
NO. 1 MADISON GARDENS, N. Y.

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS. CHICAGO, ILL.

LOUISIANA RED CYPRESS
GREENHOUSE MATERIAL
STEEL CUTTERS, TRUSSES,
PURLINS, PIPE, FITTINGS, GLASS,
Etc.
PRIVATE AND CONSERVATORY
WORK A SPECIALTY.
The Foley Manufacturing Co.,
Western Ave. and 26th St., CHICAGO

GLASS
Cheap as Dirt
Have you had any prices on greenhouse glass lately?
Write us at once for our quotations. We'll surprise you.
Take advantage of the drop in price in the future deliveries.
Our glass all new and fresh from factory.
Hot bed sash and greenhouse material, dropped too.

PARSHELsky BROS. CO.
15-217 Havemeyer St., Brooklyn, N. Y.

OUR
Ventilating Machines
are designed to meet a de-
mand. That demand being
for an apparatus that oper-
ates sash easily and evenly.
An apparatus that is neatly
constructed, yet strong. An
apparatus that never fails
in its duty. An apparatus
that is never out of repair.
If you are interested in an
apparatus like this, write
for our catalog.

BOSTON PLATE & WINDOW GLASS CO.
Greenhouse Glass
GERMAN AND AMERICAN
261 to 2145 S. BOSTON 18 to 27 Canal St.

GREENHOUSE CONSTRUCTION
LUMBER
John C. Moninger Co.
117 E. Blackhawk St., CHICAGO

When Writing to Advertisers Please Mention
HORTICULTURE.
At Belle Haven Conn., We Built This Curved Eave House for F. C. Ravolle. That is the Gardener, L. Repaci Standing By The Door

But back of it all is the best construction money can buy and a building experience covering twice as many years as the next oldest in the business.

And these are the things that count with you—and count big.

Send for that 100 page catalog.

Send along your employer's name also and we will see that he gets one.

FACTORIES: IRVINGTON, N. Y.—DESP LiLaNes, IIL.
NEW YORK BOSTON PHILADELPHIA CHICAGO

Lilium Harrisii
(The Bermuda Easter Lily)

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from haphazard sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-6 inch, as usually offered.

6-7 inch bulbs, 335 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.
7-9 inch bulbs, 200 to the case, $16.00 per case; full thousand lots, $75.00 per 1,000.
9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.

Ferns

We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-in. pots ........................................... $0.60 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis, and Harrisii, heavy 8-in. plants .... $1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10-in. plants ............... 2.50 each

F. R. Pierson Company, Tarrytown-on-Hudson, NEW YORK
Specimen Cattleya labiata
See Notes on Page 695.
Belated Orders for Thanksgiving Favors

will receive immediate attention so that the goods can be in your hands in ample time to meet the requirements of your trade.

We are offering some great values in Wooden Novelties — inexpensive, attractive, unique — that will prove splendid sellers. Also plenty of other pretty and pleasing articles suitable for favors. Better send in your order today and be prepared for the holiday demand.

Manufacturers—Importers—Originators


The Leading Florists' Supply House and Ribbon Specialists

The Latest Silver Medal Rose

The new Sargent rose, originated by Jackson Dawson, now offered for the first time for fall 1912 delivery

This seedling combines the good qualities of R. Wichuraiana, R. Crimson Rambler and R. Baroness Rothschild which have been used in its evolution. The flowers are single, about three inches across, pale rose in color and produced in greatest profusion in pyramidal clusters all along the strong branches, blooming from the middle of May till end of June. The foliage is a beautiful glossy green and remains in good condition till late fall.

As this stock is limited book your orders early. $1.50 each

Eastern Nurseries, 1090 Center St., Jamaica Plain, Mass.

Henry S. Dawson, Mgr.

ROEHRS

Azaleas, Palms, Lorraines, Crotons

Rutherford, N. J.

Boston Ferns 2½ in., $3 per 100; $30 per 1000

Whitman 5 per 100; $40 per 1000; 250 at 1000 rates

H. H. Barrows & Son, Whitman, Mass.

Araucaria Excelsa

5 in., 3 to 4 tiers, 40c. and 50c.; 5½ to 6 in., 4, 5 and 6 tiers, 60c., 75c. and $1.00; 7 in., 25, 30, 40 and 50 in. high, for lawns and porches, $1.50 to $2.00.

Cash with order, please.

Godfrey Aschmann

Wholesale Grower, Shipper and Importer of Pot Plants.

1012 West Ontario St.,


Palms, Ferns and Decorative Plants

John Scott

Rutland Road and E. 45th St. Tel. 153 Bedford

Brooklyn, N. Y.

Asparagus Hatcheri

The new Asparagus. Beats the old plumosanandius in every respect. From 2½-inch pots, 50c. per 100.

A. N. Pierson, Inc.

Cromwell, Conn.

In writing to Advertisers kindly mention Horticulture
CANNAS
Owing to the unusual demand and general shortage of crop, we have already booked up on some kinds. Better get your order in early—send for list and prices. We have a good assortment at $2 per 100, $15 per 1000.

Dahlia Roots
We have a fine assortment of only good varieties in all classes which we offer at $5.00 per 100, $40.00 per 1000. Special prices on large lots.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

Sons $6.00
F-isHlUcill, $11.00
Special Plants Elegans in.
Chicago Dahlia specialty.
Large ILlINOIS
Double Randolph all
Healthr
itRTICULTU
10 S.
$40.00 quotations (200
Chicago.
LONG Roslindale.
$1.50,
$7.50
$65 lirondwa.v.
CHICAGO
Chicago
11
WOOD
Pink
OWN
OWN ROOT—FINE STOCK
Per 100
Richmond, from 3 in. pots . $6.00
Pink Killarney, Chelanay, Sunrise.
Sunset, from 3 inch pots . $6.00
Bride, Bridesmaid, Golden Gaia.
55.00 ; per 1,000, $6.00
GRAFTED
Fine Stock, 3 inch pots
Pink Killarney, White Killarney,
Bride, Bridesmaid. My Maryland.
$12.00 per 100

WOOD BROS., Fishkill, N.Y.

FOR COLD FRAMES

CARNATIONS
F. DORNER & SONS CO.
LA FAYETTE, IND.

Chicago Carnation Co.
30 E. Randolph St.

CHICAGO - ILLINOIS

LOECHNER & CO.

CARNATIONS
FIELD GROWN
FINE, HEALTHY STOCK
Per 100
Per 1000
$6.00
Beacon
Bay State
Mrs. T. W. Lawson
Red Lawson
Variegated Lawson
Winsor
Crimson Beauty

LATE DUG FORMOSUM
Fine Large Bulbs Thoroughly Ripened
7-8 in. (250 bulbs to case) $7.50 $15.00
9-10 in. (200 ) $11.00 $100.00

A. HENDERSON & CO.
30 E. RANDOLPH ST., CHICAGO
Headquarters for FALL BULBS
Send for Trade List
John Lewis Childs
Flowerfield - LONG ISLAND, N.Y.

For Fall Planting
Lilium Tenuiflorum, Henry; Lilium, Wall.
-ler and Davurium; Elegans var., Single
and Double Tigers; Japan Tree Lilac;
Doronicum formosum; Japan and German
trite; Daphne Caeruleum.
E. S. MILLER
Wading River, - N. Y.

Primula Chinese
(New Christmas Red), 2-inch, $7.00 per
100; 2½-inch, $5.00 per 100.

TEN FLATS
"Extra Strong," Winsellii, Winsellii, Mayil,
Albo-Lusita, Adrianoles, $1.50 per flat.
Everything seasonable in Plants and Cut-
tings. Write for prices.

ROMAN J. IRWIN
2929 Broadway, NEW YORK, N. Y.

LORRAINE BEGONIAS
Strong 2½ in. stock, ready for 3½ in.
Per 100, $15.00; 500 at $14.00 per 100.

THOMAS ROLAND,
Nahant, Mass.

GERANIUMS
A good assortment of novelties and stand-
ard varieties.

Double Petunias
Select stock, 3-in. pots at $3.00 per 100.

Lobelia
Kathleen Mallard, double blue, 2-in. $2.00
per 100.

Alternate Thera
Jewel, 2-in. at $3.00, 3-in. at $4.00.

Alternate Thera Jewell
Stock Plants, 2½ inch, $20.00 per 1,000
Rooted Cuttings, . . . $10.00 per 1,000
This is by far the finest Alternate
Thera in sight and you should stock up now for Spring sales.

CHARLES H. TOTTY
Madison, N. J.

CHAS. H. TOTTY & CO.

FOR COLD FRAMES

FOR COLD FRAMES

FOR COLD FRAMES

FOR COLD FRAMES

FOR COLD FRAMES

FOR COLD FRAMES

FOR COLD FRAMES

FOR COLD FRAMES

FOR COLD FRAMES

FOR COLD FRAMES

FOR COLD FRAMES

FOR COLD FRAMES

FOR COLD FRAMES

FOR COLD FRAMES

FOR COLD FRAMES
Boddington's "Quality" Tulips

Decoration-Day or May-Flowering, Darwin, etc.

Live, up-to-date and progressive, we might say aggressive, florists are planting more and more every year, the above useful and profit-bearing Tulips—because once planted they bloom from year to year with increasing value. With their immense flowers and long stems, (sometimes nearly three feet) and variety of colors, they sell as quickly again as the early varieties and come at a season when they are always welcome.

100 1000

Bizzare. Handsome, rich flowers, with yellow ground, feathered or striped with crimson, .85 per 100; $5.50 per 1000

Bouquet d'Or. His deep clear yellow, globular, parrot-like blossoms, with curious blue-annelled stamens. 1.00 8.75

Byblooms (Violets). Late Tulips with white ground, blotted, striped or feathered with blue purple, violet, blue or black; finest mixed.

Byblooms (Roses). Superfine mixed.

Darwins. Very large flowers of good shape, on tall, strong stems; for brilliancy of color they surpass any other Tulip; they include every known shade from the lightest to the brightest hue; finest mixed.

Omary, rich scarlet, black and yellow center.

Golden Eagle. A showy and attractive variety, color a rich deep yellow red. It blooms about the same time as Gesneriana major.

Golden Crown. A showy and attractive variety, with a rich deep yellow color, and the petals edged and tipped with red. It blooms about the same time as Gesneriana major.

Parian White. Rich lemon-yellow, with deeper center.

Royal White. Pure white.

Vitellina. Pale primrose, passing off to pure white, a tall and exceedingly handsome variety.

Boddington's "Quality" Superfine Mixture May-flowering Tulips, for accentuating, and for planting in herbaceous or shrubbery borders.

Darwin Tulips

(To Name)

Darwin Tulips are among the most varied and beautiful of all the late Tulips. Planted in the border they come into flower in late May and June. Flowers are large and borne upon tall, erect stems. Like the May-flowering Tulips they are indispensable for Decoration Day.

Art. Bloom. Large; rosy plbk. $3.00 per 100; $25.00 per 1000

Bread Queen. Extra-large flower light yellow. $7.25 per 100; $35.00 per 1000

Darwin Tulip. Clear rosy carmine. $1.50 per 100; $11.00 per 1000

Dream. Soft Blue. $1.75 per 100; $15.25 per 1000

Glow. Brilliant growing vermilion, center blue, margined white.$1.50 per 100; $12.00 per 1000

King Harold. Purple-red; very unusual. $1.75 per 100; $15.00 per 1000

Loveable. Soft rose carmine; exquisite color. $1.75 per 100; $15.00 per 1000

Mrs. Kredine. Large flower, soft rose, margined blush; very beautiful. $2.75 per 100; $26.00 per 1000

Painted Lady. Cremny white. $1.75 per 100; $15.00 per 1000

Pride of Haarlem. Rose with blue base; flowers of great size and fine form. $2.00 per 100; $18.00 per 1000

R. E. W. B. Vivid heliotrope-blue, slightly hordered. $2.50 per 100; $22.50 per 1000

Darwins, Mixed All colors, in splendid variety. 85c. per 100; $7.50 per 1000

SINGLE NAMED TULIPS

All First Size Flowering Bulbs Only

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artus</td>
<td>$9.85</td>
</tr>
<tr>
<td>Belle Alliance</td>
<td>$1.65</td>
</tr>
<tr>
<td>Camery Bird</td>
<td>$1.00</td>
</tr>
<tr>
<td>Chrysanthemum. Pure yellow; handsome flower</td>
<td>$8.50</td>
</tr>
<tr>
<td>Camus RULES. Briliant. Bright scarlet</td>
<td>$1.50</td>
</tr>
<tr>
<td>Dulcia Thal. Red and yellow</td>
<td>$1.00</td>
</tr>
<tr>
<td>Dulcia Thal. Crimson</td>
<td>$1.50</td>
</tr>
<tr>
<td>Dulcia Thal. White (maximus) (true)</td>
<td>$1.00</td>
</tr>
<tr>
<td>Dulcia Thal. Scarlet</td>
<td>$1.75</td>
</tr>
<tr>
<td>Dulcia Thal. Rose</td>
<td>$1.75</td>
</tr>
<tr>
<td>Dulcia Thal. Yellow</td>
<td>$1.00</td>
</tr>
<tr>
<td>Duchess de Parme. Orange-red yellow shaded</td>
<td>$1.50</td>
</tr>
<tr>
<td>Golden Queen. Very large yellow; fine globular form; the finest of its color</td>
<td>$1.00</td>
</tr>
<tr>
<td>Jonnet van Veld. Cherry-red, white-feathered</td>
<td>$1.25</td>
</tr>
<tr>
<td>La Reine. White, slightly forcer and hedder, Florists' Quality stock</td>
<td>$1.75</td>
</tr>
</tbody>
</table>

ARThUR T. BODDINGTON, Seedsman, 342 West 14th St. NEW YORK CITY
Seasonable Notes on Culture of Florists' Stock

CARE OF CATTLEYAS

All Cattleyas that have flowered during the latter part of the summer, such as C. bielor, C. granulosa, C. gigas, C. Gaskelliana, C. Harrisoniae, C. Eldorado, C. Ludleighesi, C. Luddlemanniana, C. Leopodi and C. Schoeffeldiana, and have had a good rest should be given new compost. It is better to wait until the new growths begin to show with new roots just pushing before repotting. This is the best time to overhaul these orchids, for at this stage they become quickly re-established in their new compost. As to the best potting material to use there is a diversity of opinion. While some still like to use soft fibrous peat and live sphagnum moss in-mixed, others prefer clear osmundafibre; they can be grown good with either. Give the pots or baskets half their depth of crocks with some charcoal to insure good drainage. When potting bring the new compost well up to the base of the pseudo-bulb and see that they are potted moderately firm. If any portion of the plant should be unsteady and sway, tie the pseudo-bulb to a neat stake, for a plant lying loose will never do well. Give them a shady part of the house for a little while and keep the floors and benches well damped down so as to have sufficient moisture in the atmosphere. When they begin to take a hold of the new compost little or no shading will be needed until the sun becomes more powerful. Be exceedingly careful in watering now as very little will be required at the roots until later on, but syringe over the plants once or twice a day in fine weather and give them a temperature of from 55 to 58 degrees at night.

CINERARIAS

The early plants that are now in 6-inch pots with the flower stems well advanced should be attended to with manure water about once a week as they like a liberal supply to meet the quick growth and free-rooting which soon exhausts the soil in the pots. Give them sufficient room between the plants to prevent them from getting drawn. Syringe the plants overhead on all fine days until flowers begin to open, and keep the paths and material on which the pots are standing, damp, as they dislike a dry atmosphere. Those that are intended for Christmas should be kept in a temperature as near 65 degrees as possible: anything higher will ruin your crops. All those that show a disposition to be later can be given a temperature of about 40 degrees which will bring them into flower during January and February. Seed that was sown from August 15 up to the first week in September and grown in flats should now be ready for 3-inch pots. Use a soil composed of three parts of fibrous loam and two of leaf mold with a good sprinkling of sand for the first potting. Keep close for a few days until the roots take hold of the new soil, when they should be given a place near the glass in a house where the temperature runs near 40 degrees at night. Never let them approach anything like a pot-bound condition before giving them a shift, until flowering size is reached. For the second potting and others that are to follow leave out all leaf mold, but give them a rich compost of two-thirds fibrous loam to one-third of well-decayed cow manure with a dash of guano and soil. Fumigate often for the aphis.

BOCAINVILLEAS

We have now come to the season when these plants should have their necessary rest in order to ripen up their growth, which is essential for good results. From now and during December water should be withheld until the plants show signs of flagging and then only a little should be given—just enough to freshen them up—but do this gradually until only enough moisture exists in the soil to prevent their becoming absolutely dry which would endanger them. Keep the atmosphere cool and dry by free ventilation whenever possible. Such treatment will greatly assist the wood in maturing to the proper condition for forcing later on. They should be kept in this state until the close of the year and in a house that has a night temperature of 50 degrees until they are started into active growth when they should have 60 to 65 degrees at night.

FORCING IRISES

When forcing a batch of Spanish irises let them be grown cool, as they will not stand anything like forcing hard. The general temperature demanded by these plants are a night temperature of 40 to 45, with 10 to 15 degrees more during the day with sun heat. The general practice is to grow them in flats 4 or 5 inches deep, using a rich compost of two-thirds well-decayed sod and about one-third of well-rotted manure. A flat 12 by 24 inches will hold 45 to 50 roots. There is an advantage in planting them in flats as they can be moved around at will and also be kept in a frame until wanted for forcing. The soil should never be allowed to become dry as they always want a copious supply of water. Be careful not to give heavy fumigations where they are as it will cause the ends of the leaves to turn brown. As growth starts give them some weak liquid manure once a week.

LILY OF THE VALLEY

Newly imported pips that are arriving now should be secured and repacked in an upright position into boxes, placing some sand or soil under, over and between the bunches: this will make handling better, when bringing them in. The most convenient place for these boxes is a cold frame where they can remain until wanted for forcing. After placing them in the frame give them a good watering. When the weather gets colder place some sash over them and also cover the tops with 3 or 4 inches of hay or straw. This will lessen time and labor when they are brought in. These pips cannot, with any success, be forced before the beginning of the New Year. For the December crop of flowers cold storage pips should be relied upon. Pips that are intended for cold storage should be boxed up not later than February as they must be in an absolutely dormant condition when they are removed to the cold storage plant.

POTTING SOIL FOR THE WINTER

Now is the time to prepare some potting soil for winter use. Soil that was piled up in July with a layer of manure and a layer of sod and chopped down with two or three good turnings so as to thoroughly mix the whole mass into the proper shape will do for most of your plants. Make it an aim to have a good pile of this soil handled and placed under cover where it can be kept in a dry condition. When left out in the open it gets saturated with water and then keeps in a frozen condition for weeks, requiring some little time to dry when brought in in that condition. So seize the opportunity now and lay in a good supply for potting.

John J. M. Farrell

Mr. Farrell's next notes will be on the following: Allamanda; Astible Japonica; Covering Herbaceous Borders, Etc.; Crocosmia; Lilium speciosum; Out Door Roses.
November 18, 1911

CONTENTS

COVER ILLUSTRATION—Specimen Cattleya labiata.
SEASONABLE NOTES ON CULTURE OF FLORISTS' STOCK—Care of Cattleyas—Cinerarias—Beanivulinas—Forcing Irises—Lily of the Valley—Potting Seed for the Winter—John W. Farrell. 693

A SUPERB CATTLEYA. 695

THE EXHIBITIONS:
Massachusetts Horticultural Society, Illustrated—Worcester County Horticultural Society. 695
Fall Show in Philadelphia. 697
Horticultural Society of New York, I nst r u c t e d—St. Louis Flower Show. 698
Cincinnati Show, Illustrated. 699
New Jersey Floricultural Society—Detroit Show—New London Horticultural Society. 700a

CLUBS AND SOCIETIES:
Pittsburgh Florists' and Gardeners' Society—Nassau County Horticultural Society—Gardeners' and Florists' Club of Boston—Newport Horticultural Society—St. Louis Florist Club. 700b
Notes. 700d

DURING RECESS:
Chicago Bowling—New York Florists' Bowling Club. 700d

SEED DISCOURAGEMENT:
The Seed Disclaimer Upheld. 702
Foreign Trade Opportunities—Notes. 704

OF INTEREST TO RETAIL FLORISTS:
Steamer Departures—New Flower Stores. 706

MISCELLANEOUS:
Philadelphia Notes. 709a
New Notes. 709a
Incorporated. 709a
Washington Notes. 709a
Chicago Notes. 709a
St. Louis Notes. 709a
Personal. 709a
Lord & Burnham Co.'s New Philadelphia Manager, portrait. 718

GREENHOUSES, BULB CROPS AND COUNTRY GARDENING:

FLOWER MARKET REPORTS:
Boston. Buffalo, Chicago. 709
Cincinnati, New York, Philadelphia, St. Louis. 711
Washington. 715

OPTIMUM:

Prepare Now

for our Seventh Anniversary and Holiday Number. As herefore it will be a worthy exponent of horticulture in its best sense, well filled with the sort of reading matter that will command perusal. That is the kind of paper which is of the highest value to the advertiser and we hope the trade will respond generously to this call for early advertising orders. The issue will be published under date of December 9, but all advertising space should be secured and copy in our hands not later than December 4, and as much earlier as possible.

Write Us About It Now
Fruit and Vegetables Under Glass

CLEANING PEACH HOUSES

A peach house should have a thorough cleaning before starting, similar to what we advocated for a vineyard in last week's issue. The cleaning of the trees themselves naturally is different. Houses intended for starting December 1st should be now pruned and all the old ties cut away, loosening the trees from the wires entirely; they can be tied up roughly to the main branches to get them out of the way. When growing on the old system of a trellis near the glass it will be found necessary to handle them together before commencing to wash the house down. This latter job is not one of the pleasantest and helpers are apt to miss so much at times that this must be watched, as a little red spider left in a corner is sufficient to stock the house next season. Providing the trees are clean, a spray over with some approved insecticide as a preventive is all that will be necessary. Should any pests have been troublesome now is the time to wage war against them. Tie the trees in again, taking care each growth has sufficient room to swell where the tie encircles it. A tight tie now will result in a cut growth before next fall. Where the stronger wood comes in contact with angle irons or other stronger parts of the trellis, a piece of wood or rubber should be placed between them. Old hose cut through the center answers this purpose well. This will serve as a non-conductor, as those parts of a trellis get very hot during the hot weather and a branch continually pressing on them soon commences to "gum," causing a loss of sap. As the new wood is being replaced it affords an opportunity to check the pruning, i.e., if the growths appear to be crowded and if there is insufficient room for next year's growth cut some more of them away. A crowded tree is unsatisfactory in every way. Tying and training a peach or nectarine tree is quite an art to get them to perfection and repays any time spent in this direction during the winter season. Trees that were root-pruned previously will have their borders in shape, others that have not been done must have any mulchings carefully removed and will be benefited with a top dressing of new soil. Remove an inch or two of the existing top soil, taking care not to injure any fibrous roots which may have been drawn to the surface by the mulching and replace it with new. A peach does not require a rich soil but it must be porous. Old bricks broken up small will be an acquisition to any heavy soil for this purpose. Keep the houses as cool as possible until time of starting. It does not damage any inside peach to let them have several degrees of frost. The 1st of December is the earliest date advisable to start trees into growth; even then trees in pots will respond to treatment quicker.

POT VINES

As the amount of frost increases and there is danger of more than twelve or fifteen degrees being registered, pot vines should have protection for the remaining few weeks before starting. A cold house will do for them but it is not necessary that they should go under glass. A barn will answer the purpose well. Mice are very partial to the bark of the vine during the winter months when other food is scarce. Vines must not be forgotten on this account and they will also require a little water. Keep them on the dry side but not dry.

CHICORY

Chicory will now need storing away where it is accessible during the bad weather. A cool cellar or barn where it can be covered over with earth to prevent shriveling will answer the purpose well. A batch can be started to force, providing it has already lasted a little frost. Like all other roots being forced into growth it enjoys a little bottom heat. Growth is so much quicker and better that it pays for the extra amount of labor entailed. Chicory is not at all particular as to its position. Dark corners, underneath benches or in cellars—all come alike to it so long as a good moist heat is given. Sixty is a suitable bottom heat with an atmospheric temperature of 55 to 60 by night, with an advance by day. Plant the roots in the soil the same depth as they were in the garden. Large pots are sometimes used successfully to force chicory. These are placed near a heating pipe and the body of soil soon attains a sufficient heat to promote growth.

ASPARAGUS

Asparagus clumps intended for forcing must not be allowed to freeze up so that it is impossible to move them, although so much frost they must have. With a severe spell setting in either lift enough roots and store them or spread a good thickness of straw manure over the bed.

TOAMATOES NOT SETTING

At this time of the year with short days and little sun heat, tomatoes sometimes refuse to set their fruit, certain varieties being greater offenders in this respect than others. Should they show this falling off keep the house a little dryer and also the roots. Give just enough water to keep the plants in a healthy condition. Where setting has been real bad resort to a soft-haired brush, distributing the pollen with it each day about noon, when the house is dry and has air on. Bad setting, as a rule, can be traced to too much humidity in the air. Lessen this and raise the vents a little more. Give each plant a shake each day about noon and there should be no trouble in this respect. This method of shaking the vines is making sure of a set during the bad weather.

STORING WINTER CABBAGE

Before the very severe weather sets in make provision for protecting winter cabbage. State and locality must govern and modify the extent of this, as it does all things written about. What is good for the goose is good for the gander too, the old proverb says, but I guess he can put up the stiffest fight, so we have to make some allowance. Some lean on them on their sides, others bury a quantity together while cellars are requisites of others. When using the latter keep them cool and admit some air.

George H. Benson

A Superb Cattleya

Our cover illustration this week depicts a specimen Cattleya labiata which the owner, W. A. Manda of South Orange, N. J., informs us is the largest in cultivation. It has carried one hundred and forty-six flowers this year, very large and beautifully colored, most of the growths carrying from four to five flowers each and some six. As the picture shows it is a beautiful well-shaped specimen, is all in one piece and it is surprising that it should be so large a plant and at the same time so fine as to size and color of flowers.
THE EXHIBITIONS

MASSACHUSETTS HORTICULTURAL SOCIETY.

The Autumn Exhibition at Horticultural Hall, Boston, presented quite a different aspect to the visitor as compared with the corresponding shows a few years ago. No longer can it fairly be called a Chrysanthemum Show for while these are still largely represented yet they do not by any means predominate. In the plant classes there was practically no competition. Only one exhibitor appeared in the specimen bush plants which in the past were regarded as a distinguishing and unrivalled feature of the Boston exhibition. It cost that exhibitor $150 to transport his six plants to the hall! On chrysanthemum cut blooms the short stem classes are almost extinct, the long stem classes barely hold their own and the singles have become more numerous. But, while all this is true and while the halls looked rather “thin” in spots because of the absence of the accustomed long ranks of enormous blooms, yet the show was a notable one in some respects and presented more than the usual proportion of novelities and novel features. To best illustrate this fact we shall begin this account where we generally end—that is, with the awards of special medals and certificates.

Silver medal to Wm. Downes, for Begonias winterior and Winter Cheer. They were grand.

Cultural silver medal to James Nicol for vase of chrysanthemum Mrs. Jerome Jones. This was simply superb.

Bronze medal to Wm. Sim for display of pansies. Here were over 500 enormous blooms of the highest strain and covering an endless range of colors and markings, each flower in an individual bottle hidden under the flat white surface on which they were displayed. They created a sensation.


Honorable mention to Strout & Co. for light pink seedling carnation (Heaven × Victory). To E. S. Webster for Celsia Thompsoni pyramidalis. To H. H. Barrows & Son for Nepheirops Whitmani var. compacta. To A. Pembroke for light pink carnation Beverly.

The sole exhibitor of specimen bush chrysanthemums was Thos. E. Proctor, gard. Jas. Marlborough. They were very fine, among them being Mayor Weaver—which won the silver as best plant in the show—and Emmy.

Lou, which was certified as a seedling, Wm. H. Elliott was the only exhibitor of 25 plants, commercial specimens. These were, as usual, excellent. H. E. Converse, gard. D. F. Roy, was 1st on single flowering varieties and Mrs. Lester Leland, gard. E. H. Wetterlow, 1st on 6-stem plants.

Ed. MacMulkin put up a mammoth group, 300 sq. ft. of foliage and flowering plants, splendidly arranged. This took 1st and a similar group from W. W. Edgar Co. took 2nd. On Ken- thas Wm. Whitman 1st, and on Areca Mrs. Frederick Ayer 1st. The orchid groups were a great attraction, the exhibitors being Wheeler & Co. who won 1st, with a beautifully arranged display, Paul de Nave, 2nd, and J. T. Butterworth 3rd. In addition to the foregoing, Thomas Roland made a fine display of choice foliage and flowering plants, Mrs. Francis Peabody a group of Begonia Gloire de Lorraine, W. T. Walke an artistic pyramidal group of Begonia Gloire de Lorraine, Mrs. F. Ayer, variegated pine apple Strout & Co. and A. A. Pembroke, carnations in variety.

The fruit display was very extensive and was finely set off by a generous display of fruiting shrubs contributed by Superintendent Pettigrew of the Boston Park Department.

WORCESTER COUNTY HORTICULTURAL SOCIETY.

The annual chrysanthemum show of this Society, held at Worcester, Mass., on November 9-10 is recorded as the best as to quality and artistic arrangement ever seen in Worcester and the attendance surpassed that of any previous occasion. The lay-out was planned by and carried out under the direction of the president E. W. Breed. Among the principal exhibitors and prize winners were H. F. A. Lance, Geo. W. Knowlton, Mrs. John C. Whittin, E. W. Breed, Worcester Con- servatory, John Gunn, Chas. D. Mackin and Charles Potter. There was a good display of apples in the fruit section.
FALL SHOW IN PHILADELPHIA.

Great efforts were made this year by a committee from the Pennsylvania Horticultural Society and Florists' Club of Philadelphia to bring the Annual Fall Show up to the standard that used to prevail a dozen years ago before the time honored P. H. S. In- stitution had sunk into "innumerable des- selected," or, in other words, to the point where even its own elected president for the year called its exhibitions a farce and a disgrace, and it must be said for the committee, that in spite of every discouragement possible, they succeeded far beyond what anyone could have hoped for. The show last week is away ahead of anything we have had in recent years in quantity, quality and arrangement, and indicates clearly that if the path mapped out by the present committee is faithfully followed greater things may be confidently looked for. We think the committee well deserves the full measure of public appreciation implied in the words "well done, good and faith- ful servants."

In the brief space at our disposal, we can only touch on a few of the chief features, and if any good thing has gone unmentioned our readers are assured that any such omission is un- intentional and pure and unerring.

Bay trees and conifers were freely used in front of the hall and at the various doorways. A liberal con- tributor to this was the W. H. Woon Co. Edward A. Stroh freed four fine groups of hardy single chrysanthemums massed between and at sides of the various doorways, a most val- uable attraction. These were all his own seedlings and were worthily honored with a silver medal. Among the most striking in this collection we may mention Mary Colla- day, a pink of the Garza type, Mikado, a bright yellow, and Janet Hay, a lovely white. The beautiful central stairway was finely adorned with specimen plants of prize winners, and to the right and left of the entrance many interesting things. The new roses on this vantage point compelled everybody to stop and look them over. The eunymous of all eyes was the sensational new one sent down by Alex. Montgomery from Massachusetts, Miss. Chas. Russell, the first time this has ever been seen here; a glorious rose pink flower, gigantic in size, on four-foot stems, cup shaped, fragrant, and as large as the best American beauty. It has splendor dark, glossy, leathery foliage. We do not know the parentage, but they say that Dr. Huce states that it is a cross between Mrs. Jardine and American Beauty. The Pennoe-Mechan Co. exhibited their great new varieties, the Double White Killarney and Killarney Queen—of the Budlong strain; that of the Double White Killarney, as this has sported in more than one place, but the Bud- long strain is vastly superior. A fine new crimson-scarlet carnation, Miss Dimple Widener, from the expert hands of that good all-round garden- er, Wm. Kleinheinz, looked like a winner and worth investigating by our commercial experts.

Passing to the left before ascending the stairway we come to two miniature gardens—one by an amateur (Herman van Gleden), the other by a commercial florist (Adolph Mueller). The van Gleden design was most artistic and suggestive, and contained many features of a highly educational nature, and well deserved the special premium awarded. C. F. Krueger made a good display of filled window boxes in various styles, suitable for mild fall and summer temperatures, the plants used being mostly chrysanthemums, crotons, pandanus, ferns, etc.

The main stairway was lined on both sides with specimen chrysanthemums in pots, mostly taken from the prize-winning groups, a commendable plan from scientific and educational points of view to the schedule student. But a flower show meant to show us the difference between good, better, and best and culture! Who eager to follow a couple or a pathfinder showing the road to higher things in Horticulture? If you want to be both at the same time you ought to be able to bypass your groups.

Well grown plants of Mrs. Frank Thompson graced the foot of stairway. So did the various David; David Ingram and David Aiken. This Thompson variety is outclassed long ago. Let the generous donors of the prize offer it as a way of doing it without burning up your groups.

The judges had a hard job deciding between the two magnificent exhibits at middle landing of stairway—25 blooms with foliage, vase arranged for effect; it was nip and tuck between Kleinheinz and Robertson. Both were on a level, but the former holder of the best twelve of that fine variety, Lyn- wood Hall, grown by T. Gaynor, who has the distinction of being about the pathfinder in this line, was market- ing a title—his employer being the Countess Santa Envalia. Above this was massed a group of Cibotium Schiedei which was awarded as a class if.

This came from Drexer. Further up the stairway we noticed some fine flowers from Tom Holland, Berwyn, and a first prize vase of bronze from S. N. Bower, Philadelphia— a grave defect not only on this but all over the show. We have danced and raved and gesticulated and hurled in- suits and inveighed at friend and foe alike for many years on this point yet the supposedly intelligent multitude pass on unheeding just as if they were all members of a deaf, dumb and blind asylum. What's an exhibition for if it doesn't tell people the names of things? Some day we shall buy us a meat axe and use that instead of our gentility.

John Kahn had a couple of splendid vases of Yellow Chadwick not for competition. Axel Lindroth made some- thing of a name for himself in various classes notwithstanding his ungram- matic, and Frank Birnbrauer sent some excellent pink antirrhinum. And now, among the tang and haze of the fall chrysanthemums we come to a Sunburst. This one is the Sunburst rose from C. H. Totty. A big flower, lovely color like pale sherry blended and shimmering with lively tints of white, blush and orange, the general effect being at just before the dawn. Edward Towill exhibited a new cliv- enum rose—after the style of Richmond but larger and more fragrant. It is a cross between Mrs. J. B. Clark and Richmond, the former being the seed parent. A wonderful keeper, Mr. Towill says, its fragrance is delicious— almost as fine as American Beauty in that respect. Cultural certificates were awarded to groups of Ananas sativa variegata and Arangaria robusta com- pleta from Drexer's. Fine stuff show- ing the highest perfection in culture.

Robertson and Batchelor distin- guished themselves in two hardy chrysanthemum groups Arranged for effect with foliage, flowers and fruit. We think Robertson had the best stuff, and his arrangement was more open
and artistic. Even at that it could have been still more open and pleasant. Don’t crowd!” W. F. LaCroix said, and in the Cloister we saw a splendid hyacinth for so early in the season. Cut hyacinths—a big vase came from Louis Burt. There were a number of standard hyacinth plants in pots that kept finely.

One of the most striking things in chrysanthemums was Wm. Turner. It was a most question whether this Mr. Turner was also the bearded, white, fancy white. Robertson says that Turner will give a bigger percentage of perfect blooms but that Syme is early. We hope to see them both. Other good ones in this connection were Tarrytown, a blush pink, Fair Acre, a pale lemon and Glen Cove, pink.

The exhibit of mums by Mr. Burchard was one of the best things in the show outside of the unique Burk exhibit in that section. Alphonse Pericat also put up a fine orchid display in which there were some rare hybrid cyripediums but the hero of the orchid in this section was undoubtedly Louis Burt. Nothing quite as good has ever been done here before. The many beautiful cases specially built for the occasion, occupying the entire east end of the main hall, electric lighted, mixed with fancy well-laid, and with a number of catalogues hanging outside so that he who ran might read. The whole story was there and everyone who came along got it all plain, simple, correct.

We felt like turning somersaults with joy to see all our cherished ideals about naming and so forth so beautifully carried out. If plastered from top to bottom with highest awards it would have but poorly expressed our feelings. A million welcomes and a hundred million bosomans, Mr. Burt, on your maiden appearance.

The center of the main hall contained the groups of foliage and flowered plants, which were mostly attractive, especially the middle group of crotons by John Hobson, big plants beautifully grown, and with small flowers which were awarded by the Robert Craig Co. Penfield, Burt, Pepper, Newbold and Newbold, were all prominent in this section.

The front of the stage was as usual occupied by a general collection of new and choice foliage plants among these being the new Parfoysense, Glory of Mordrecht. This group was awarded a certificate of merit, a large vase on the glory and a similar award was made for a splendid group of Phoenix Rosebeleni. Specials were also awarded to Newbold and Wm. Burt for their well-grown plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.

Julius Rohsrosh showed his appreciation of what horticulture in Philadelphia and New York is doing for the world by growing plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.

Julius Rohsrosh showed his appreciation of what horticulture in Philadelphia and New York is doing for the world by growing plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.

Julius Rohsrosh showed his appreciation of what horticulture in Philadelphia and New York is doing for the world by growing plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.

Julius Rohsrosh showed his appreciation of what horticulture in Philadelphia and New York is doing for the world by growing plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.

Julius Rohsrosh showed his appreciation of what horticulture in Philadelphia and New York is doing for the world by growing plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.

Julius Rohsrosh showed his appreciation of what horticulture in Philadelphia and New York is doing for the world by growing plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.

Julius Rohsrosh showed his appreciation of what horticulture in Philadelphia and New York is doing for the world by growing plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.

Julius Rohsrosh showed his appreciation of what horticulture in Philadelphia and New York is doing for the world by growing plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.

Julius Rohsrosh showed his appreciation of what horticulture in Philadelphia and New York is doing for the world by growing plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.

Julius Rohsrosh showed his appreciation of what horticulture in Philadelphia and New York is doing for the world by growing plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.

Julius Rohsrosh showed his appreciation of what horticulture in Philadelphia and New York is doing for the world by growing plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.

Julius Rohsrosh showed his appreciation of what horticulture in Philadelphia and New York is doing for the world by growing plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.

Julius Rohsrosh showed his appreciation of what horticulture in Philadelphia and New York is doing for the world by growing plants of single chrysanthemums. The Newbold lot had three very striking sorts, namely: Ethel Beir, red bronze, Mere-thea, white narrow, and Sylvia Sanford, bright crimson with a narrow band of white around the yellow center.
the "standard" classes and in six varieties grown in one flower, with John Tanning, 2nd.

Chrysanthemum Blooms.


Decorative Plants.


Reses.

In the rose classes, L. A. Noe won four 1st, R. Coddington two, F. H. Pierson Co. one, John Devan Bee. From A. N. Pierson came Killarney Queen and Denise White Killarney. From C. H. Totty, Sun- nurst, and D. Co., won two. On the fourth day they were still in glorious condition. The three novelties were each awarded a silver medal.

Orchid Plants.

As mentioned last week the orchids were the great feature. For collection not less than twenty-five species and varieties Lager & Hurrell were 1st with a table of great beauty and rarity. They won out also in the novelty class for plant not previously shown before this Society with Brassia-Cattleya x Imperativia de St. Cal. Wm. Cordes won the gold medal for collection of not less than twelve species, Missman, gard. to Clement Moore, won on three hybrids with Brassia-Laelia x Velutina, Cattleya x Perina and Brassia-Cattleya x Perina and Brassia-Cattleya x Marlene. Julias Rocks Co. were second in this class with Cattleya x Perina and Cattleya x Petersil and Cattleya x Princess. On specimen hybrid Rocks won with a grand plant of Brassia-Cattleya x haematocallis, which also won the silver medal, averaged six flowers. J. T. Missman was 2nd with Brassia-Cattleya x Sedoo. Wm. Cords won the silver medal for two orchids showing highest excellence in culture, 1st on Vanda cattleya Co. and 2nd on Bella longiflora six varieties, six cypripedlums and three C. labiata Species, John Laner & Hurrell 1st, Wm. Cords 2nd. Oncidium, J. A. Manda 1st. Cypripedium, 1st. Thoms, with C. invincible x Andy Demo; ten flowers, Deodromus, Leger & Hurrell Co., proved to be a splendid variety, competition, a splendid lot of commercial size orchids in bloom, for which a silver medal was awarded. Leger & Hurrell received a silver medal for a grand specimen of Vanda burdetiana.

Orchid Flowers.

Joseph A. Manda won 1st on collection arranged for effect, with a very choice appearance. Paul Henry & Sons, 2nd. Mr. Manda was first also on collection of cypripedlums, of which he showed fifty.

Display of Orchid Blooms by Jon. A. Manda at New York Show.
View to the Cincinnati Show.

THE CINCINNATI SHOW

The first flower show of any size that has been held in Cincinnati in seventeen years was opened on Monday of this week. From an artistic point of view the show on Monday and Tuesday was good but from a financial standpoint the opening days were far from being a howling success. Some of the shipments of chrysanthemums were caught in the sudden fall in the temperature. One, that of C. H. Totty of Madison, N. J., was entirely frozen. Judging from the appearance of the stock every one of the blooms would easily have been in the money were it not for the misfortune.

On Tuesday evening Mr. Vincent gave a lecture illustrated with stereopticon, on his European trip, particularly Holland. The carnations staged on that day were said to be some of the very best ever exhibited than early in the season.

Prize Awards—First Day.

Chrysanthemum Plants—On specimen plants John Fries won five 1sts and two 2nds; Charles W. F. Mathes, one 1st, two 2nds, and two 3rds; E. H. Fries one 1st, five 2nds, and one 3rd. Six pipsmon E. H. Fries 1st, R. Witterstetter second; William Totty, two 1sts, and one 2nd; Elmer D. Smith, two 1sts, and one 2nd; Henry Schwallone, three 1sts, two 2nds, one 3rd; C. H. Totty, one 1st, and two 2nds. On the classes for twelve blooms of specified color, E. D. Smith & Co., one 1st; C. H. Totty, two 1sts; R. Witterstetter one 1st; Theo. Rock, one 2nd. On one bloom each, 24 varieties; hill 1st, Smith 2nd. Display of single and display of pipsmon; Hill 1st, Hittle & Elder 2nd, Witterstetter 3rd in each.

Decorative Plants—Group A. Sanderbush & Sons 1st, G. Brumner's Sons 2nd, Max Endorf 3rd; group B. Lorraine begonias, begonias other than Lorraine: J. A. Peterson 1st on each, and in addition Mr. Peterson was awarded the S. L. S. A. silver medal for new begonias. On all the Boston fern classes, R. Witterstetter 1st, except hanging baskets, where Ed. Doler rested him. A. N. Pleson was awarded certificates of merit for Killarney Queen and Double White Killarney.

Second Day.

Carnations—On the classes for 100 blooms of specified color, Poehlmann Bros. won two 1sts; E. H. Fries, five 1sts, two 2nds, and two 3rds; Elmer D. Smith, four 1sts, and two 2nds; R. Witterstetter, one 3rd; Charles H. Totty, one 1st, and two 2nds; E. H. Fries, two 2nds. On the 50 of 1011 introductions, Chicago Carnation Co. won four 1sts; Poehlmann Bros., one 1st; Chas. Knepf, one 2nd. Certificates of merit were

The text is a report on a flower show in Cincinnati. The report details the events and awards of the show on its first and second days. It also describes the various plants and carnations exhibited, along with their respective awards. The text is written in a formal and informative style, typical of a newspaper article or a magazine feature. The content is rich with specific details about the flowers, their colors, and the exhibitors who presented them. The language is clear and focused on the subject matter, providing a comprehensive overview of the event. The text ends with the conclusion of the show's activity on a second day.

The document contains a table that lists the winners and their respective categories, such as Chrysanthemum Plants and Carnations. These tables provide a structured way to view the results, making it easy to see the overall winners and their achievements. The text also mentions the judges, such as Ed. Doler, who awarded some of the certificates of merit.

In summary, the text is a detailed report on a flower show, highlighting the various categories, winners, and the overall success of the event. It is a comprehensive resource for anyone interested in the details of the show and the results of the floral competitions.
awarded to E. G. Hill Co. 2d, Witter- stetter Bros., 3rd, Samuel Steinkamp & Murphy & Skidmore. The award for the best seedling in above classes was won by W. Ritter- stetter, 3rd place was awarded to H. W. Rennou and Elmer R. Daniel. We are sorry for what our correspondent failed to state. H. W. Rennou won the cup for best seedling in the classes for six potatoes. Professor Wm. B. Colgate, 1st for bloom, A. S. Huras, 1st, for lilacs.

NEW JERSEY FLORICULTURAL SOCIETY.
The New Jersey Floricultural Society held their seventeenth annual chrysanthemum show in Lindsey Hall, Orange, on Nov. 10th. L. B. Lager & Harrell captured the silver cup offered by John R. LeCount for the best display of orchids. Julius Roehrs Co. was second. These groups of orchids were the finest ever ex- hibited before the Society and taxed the judges' skill before giving their decision. In the chrysanthemum classes, James N. Hurd, Schuylkill, and Andrew Nichol, was the winner in the class for the twelve best blooms; 2d, A. C. Von Gausbeck, gard. John J. Dervan; 3rd, S. M. & A. Colgate, gard. Wm. Reid.

Nathan Smith & Son donated a prize for the best six novelty chrysanthemums of 1911 which was won by James N. Jarnie; 2nd, S. M. & A. Cole.

MRS. J. C. BROWN, gard. Peter Duff, exhibited an immense specimen of Garza with 200 flowers which received a first class certificate. Two vases of chrysanthemums, A. C. Von Gaasbeck, first class certificate, and two vases of roses, Miss E. M. Suggs, 3rd, Halstead, won the cup for chrysanthemums. Mrs. F. H. Dyke- man, first class certificate; carnations, Popkins & Collins, first class certificate, and chrysanthemums, certificate of merit; Cathie Layton, Wm. Runk- le, gard. D. Kindserab, first class certificate; chrysanthemums, Thos. Edison, gard. Geo. B. Wilson, certificate of merit; Cathie Layton, Charles Hathaway, gard. Max Schendel, certificate of merit; violets, Chas. Hathaway, first class certificate, and chrysanthemums, certificate of merit; and another certificate of merit on chrysanthemums, S. M. & A. Colegate, gard. certificate of merit.

In the monthly competition for points the following awards were made in Class A: Vanda Sanderiana, Lager & Harrell, 95 points; Cathie Layton, Wm. James, 92; Oncidium variceum, S. M. & A. Colgate, 91; Killarney roses, 85; carnations, 25; carnations, Essex Country County Club, gard. Frank Drews, 88, Class B, chrysanthemums, Chas. Hathaway; S. M. & A. Colgate, 2nd, in bud, 57.

Next meeting election of officers will be taken place.

WILLIAM REID, Sec'y.

DETROIT SHOW.

Detroit florists went with all the enthu- siasm possible into the newly de- vened of a Fall Show and the event was a huge success, due to the more friendliness even after the judges, Wm. Crof T of Philadelphia, and Geo. Rockham and R. K. Stack of Detroit had passed through the door the momentous. Let us hope some has been taken up with expectations and ambitions.

Prize Awards.

Chrysanthemum Blomme Thistle Club cup for 3d, Wm. Scholten; 2nd, Gist, Taepeke; 3rd, Wm. Brownie; 4th, Miss Taepeke; 5th, Gist, Taepeke.

PHILADELPHIA NOTES.

First prize on American Beauty rose went to Duke's, Somerville. Mark one for Andrew Macdonald.

We are pleased to report that our old and esteemed friend, John A. Cook, of Beverly, N. J., is about again, after a long siege of sickness.

A letter arrived to Mice. Charles Russell—the new rose from Waban. Another feather in the cap of Alexander Montgomery.

Lilium gloriosum superbum gran- diflorum, the species cultivated with the aids of the botanist, is now in flower, a hardy bulbous plant, of which there seems to be a name a hybroid in the nation for the past thirty years! That is some going for one year. Who said we were slow?

Among the amateurs of horticultural and progressive results of the recent election is the emphatic endorsement of Washburn and Good Roads," by Doxton township. It is super- visor Washburn now. We congrat- rate the doctor some, but the citizens of the locality more. Among the latter are W. Atlee Burch and Howard B. Grimes, both of whom dare to offer any thing for a lily—but that's all. Forget the rest.

The world do move. Put three things down as remarkable happenings in 1911. Philadelphia was swift enough to beat New York in the national game; she put up the best fall flower show seen in ten years; and she located Chelsea Flower Show at Hampton Court, a name a hybroid in the nation for the past thirty years! That is some going for one year. Who said we were slow?

Among the free lectures of the Michell Co. are "taking" with the public unusually well this season. The latest, given on the 13th inst., was by Maurice Fuld, well being "Percival's and Hardy's books." The next lecture will be on November 25th, Saturday, 3 P. M., by Robert Craig, "Progress in Floriculture, December 4th, Professor A. B. Gunther will talk on "Tulips of the World." January 8th, Professor Wiel- schoffer on "Poultry," March 12th Prof- essor Stewart, Vegetable Garden. To meet the increased demand for this feature of the Michell Co. have de- cided to remove the obstructing me- zanine and build a gallery instead, to make the complete lecture hall for the comfort of the audience. Contracts have already been given out for these alterations.


NEWS NOTES.

Louisville, Ky.—A permit to move his greenhouse at 1231 South Brook street has been issued to R. W. Beutel.

Valesville, Conn.—Barney Bros. nurserymen, have leased 16 acres of land which they will use for a peach orchard.

Fall River, Mass.—Proposals for building a greenhouse near the pump- ing station are solicited by Watuppu Water Board, Daniel J. Sullivan, presi- dent.
HORTICULTURE

PITTSBURGH FLORISTS' AND GAR

DENERS' SOCIETY.

Our expectations for a rousing meeting

on Nov. 7th were abundantly real-

ized as the horticulturalists who always

bring out a good at-

tendance. The display of varieties was

large and the quality good, and has

been superb for some years. The

graceful and artistic singles competed

strongly with the big doubles.

C. H. Totty, Madison, N. J., showed

doubles and single. Mr. Totty also

exhibited a collection of singles, in

which the most striking were Sylvia

Slade and Hilda Wells, both crimson

and E. N. Wells, with white, Mere-

hemia and Emma L. Davis were also

noticeable. The judging committee,

Neil McCallum and David Fraser,

awarded Mr. Totty a cultural certifi-

cate. For the best collection of the

evening, considering Wm. Turner

the best of the new doubles, and

Sylvia Slade and E. Nottell the best

singles of their color ever shown before the club.

Mr. Jenkinson, gardener for A. H.

Peacock, showed 2 vases of standard
doubles. For the private conservatory

he considered yellow Miller the best

yellow, and Gertrude May, the best

white. The committee awarded him a

cultural certificate.

W. A. Morton, an enthusiastic ama-

teur, showed a vase of standard vari-
ties grown under difficulties, which the

committee considered a credit to him

and awarded him a cultural certifi-
cate. Mr. Phillips, gardener for H. J.

Heinz had a good display for which he

was awarded a certificate of merit.

Fred Wissenbach, showed single

and double chrysanthemums and Colo-

sia, while of Dale Gould, the best

collected. Pittsburgh Cut Flower Co.

showed fine single and double chrys-

anthemums. Among the singles Mary

Richards, was somewhat noticeable, and

Lady Lee, a white, was especially

charming. Of the doubles, Fred Burki,

speaking for the Company, especially

likes Thanksgiving A. in a white. Bratus is

the only one grown. Maud Dean al-

ways comes and can be planted

close. Appleton is still a good com-

mercial yellow. The committee award-

ed a cultural certificate and highly

commended Appleton.

Homewood Cemetery, Wm. Allen-

sant, showed a collection of doubles

and a vase of blooms; certifi-
cate of merit. Walter James, gardener

for Rev. Hiliard, Pittsburgh, showed

collection of cut blooms—cultural cer-

tificate. Mr. C. H. Godwin of Godwin Bros,

Bridgeville, showed standard com-

mercia.

He thinks Early Show is a

case for a the fact that he found the early varieties

keep better than the late ones; certifi-
cate of merit. Randolph & McVilt-

ens, among other chrysanthemum

which stands handling and lasts well,

and Mrs. Geo. Wells and Clara Wells;

certificate of merit.

The Bureau of Parks had an inter-
esting collection. No variety attracts

more attention at the Park green-
houses than Reine du Japon, the petals

of which have a peculiar flavor of a cactus
dahila but longer and finer. They

think Wm. Turner the best white
double, and they certainly grow it to

effectiveness. Wm. J. Bean, Mirror

Lily Nursery Co. showed an Eucammon

that they think better than radicans.

Subject for next meeting—Every-

body Bring a Plant.

H. P. JOSLIN, Sec'y.

NASSAU COUNTY HORTICULTU-

RAL SOCIETY.

The regular monthly meeting of the

Nassau County Horticultural Society

was held in Pembroke Hall. President

Troppes presiding on Thursday even-

ing, Nov. 9th. The manager of the

fall show, Geo. Barton, and all those

who helped him in his many and

arduous duties received a very heart-

ful vote of thanks from the members. Fe-

lix Mense offered a gold medal for the

best 100 single violets to be competed

for at the December meeting.

President Troppes offered an occasion

to present to Henry Gant the Stump &

Walter silver cup which he won at

the fall show for the best group of

chrysanthemums, and Mrs. F. S. Davis

showed off for the best collection of

hardy chrysanthemums. Henry Cliffe

was presented with the Rickards Bros

cup which he won for the best 18

blooms of any variety.

The result of the competition for the

society's prize was as follows:

Chrysanthemums, pink, Henry Gant;

white, Henry Cliffe; yellow, Paul Poule.

For two vases of yellow chrysanthem-

ums a certificate of merit was award-

ed John F. Johnston. For tomatoes

Stirling Castle, honorable mention to

F. Petocci. For lettuce, cultural cer-

tificate to F. Petocci.

The Society's prize in December will

be for carnations, 12 white, 12 pink, 12

in color; the competition will be held at

the December meeting and that meet-

ing and all others until further

notice will be held in the afternoons

at 2 p.m.

F. WESTLAKE, Sec'y.

GARDENERS' AND FLORISTS' CLUB

OF BOSTON.

At the meeting on the 14th was the

principal business being nomination of

officers for next year. The result was as

follows: For president, Thomas Fogler;

vice-president, Wm. Kennedy; sec-

retary, W. N. Craig; treasurer, Peter

Fisher; executive committee, W. J.

Patterson, Peter Miller, Herman

Bach, J. V. McDonald. The meeting

lasted 2 hours and the committee

met after the dinner which was

adverstised as the President's as an

tasteomatic, for it drew some enjoyable

speeches from the guests.

At the close of the talks the party were

taken in a body to the flower show at

the Coliseum.

NEWPORT HORTICULTURAL SOCIETY.

An important meeting of this Soci-

ety was held on the evening of Nov.

11, the principal business being to con-

sider the matter of co-operating with

the Association for the purpose of

setting an outdoor exhibition next June,

as the Association some time ago sug-

gested to the Society. After opening

the meeting President Mrs. G. B. Mc-

leod said that J. McLeish, A. McLeel-

an and himself as a committee from the

Society had had an interesting interview

with officers of the Association, and

learned that that organization is plan-

ning to have a very extensive dis-

play with many new and foreign ideas

worked into the arrangements. It is

cap for collection of annuals, fruits

will be many plantings of shrubs,

evergreens, annual and perennial

plants in flower, and that encourage-

ment will be given to those from far

and near. The exhibition will also be

somewhat of a society event as the

members of the Association will be

mostly invited to the various pride

show collections.

The information given about the plan

of the operation seemed to be agreeable

to the members present, and they

unanimously voted to join in the

undertaking.

Another pleasing feature of the meet-

ing was the presentation of the club's

cup to several attendance. The club

was the recipient of the Henry A. Dreer cup

for collection of hardy perennial flow-

ers, and also the Joseph Breck & Sons

cup for a table decoration. This pleas-

ing ceremony was closely followed by

rounds of cigars from the cup owners.

J. R.

ST. LOUIS FLORIST CLUB.

The club held a very interesting

meeting last week, Nov. 9. It was

the largest attended meeting the club

had for many years no less than

90 being present. It was also noted

for many distinguished visitors from

different parts of the country. Among

them were President Asmus, President-

Elect Vincent, Jr. and Vice-President

Elect Pooehlmann of the Society of

American Florists, H. A. Philpott and

A. T. Pyfer, president and secretary

of the Chicago Florists' Club, Elmer D.

Smith, C. H. Totty, W. H. Duc.ham,

E. Mann, A. F. J. Bauer, Wallace R.

Pierson, Phil Foley, C. W. Johnson

and W. J. Vesey, Jr. The meeting ad-

panied to Lingle's Cafe for a din-

ner with all the visitors at the head

table. After a good meal President

Windler made an address of welcome

and anounced Fred Ammons, as

toastmaster, who drew out some en-

joyable speeches from the guests.

At the close of the talks the party were

taken in a body to the flower show at

the Coliseum.
AMERICAN ROSE SOCIETY.
Prize schedule for the exhibition at Detroit, Jan. 10, 11, 12, 1912, Division A—Displays of Roses, Rose covering not less than 200 square feet of space, and not to contain less than 200 blooms, quality of blooms and effect to be considered, and decorative green of any kind, including plants, permitted: first prize, $150.00; second, $100.00; third, $75.00.

Division B—50 American Beauty, first prize, $50.00; second, $30.00; third, $20.00; fourth, $15.00; fifth, $10.00; Killarney; 50 Double Pink Killarney; 50 White Killarney; 50 Double White Killarney; 50 Richmond; 50 My Maryland; 50 Mrs. Jardine; 50 La Detroit; 50 Mrs. Aaron Ward; 50 Lady Hillingdon; 50 Melody; 50 Radiance; 50 Rose Queen; 50 Prince of Bulgaria or Amazon.

Division C—25 American Beauty, first prize, $15.00; second, $10.00; third, $8.00; fourth, $6.00; fifth, $5.00; sixth, $4.00; seventh, $3.00; eighth, $2.50; ninth, $2.00; tenth, $1.50; eleventh, $1.00; twelfth, $0.50.

Division D—Any other dis- seminated variety, first prize, $15.00; second, $10.00; third, $5.00.

Division E—Retailers’ Prize. For Arrangement of Cut Roses, and with such accessories as the exhibitor may desire, first prize, $100.00; second, $50.00; third, $25.00.

Division F—For 50 private gardeners and amateurs only. For collection, not less than 12 blooms of each. American Beauty, first prize, $6.00; second, $1.00; Killarney; 50 Double Pink Killarney; 50 White Killarney; 50 Double White Killarney; 50 Richmond; 50 My Maryland; 50 Princess; 25 Bridesmaid; 25 Golden Gate or Uncle John; 25 Sunrise or Sunset; 25 Kaiseralgus Victoria; 50 Bon Silene; 25 Cardinal; 600 cuts David; 25 Potter Palmer; 50 any other disseminated variety, first prize, $10.00; second, $5.00; each.

The trustees of the Massachusetts Horticultural Society announce the following list of committees of the society for the ensuing year.


Vegetables—Duncan Finlayson, chairman, W. N. Craig, Edward Parker.


WM. P. RICH, Sec'y.

SWEET PEA EXHIBITION FOR 1912.
The following committees have been appointed in connection with the Sweet Pea Society’s Exhibition to be held in Boston, in connection with the Massachusetts Horticultural Society’s Show, July 13th and 14th, 1912.

Executive Committee—John K. M. L. Farquhar, Chairman; W. A. Burpee, A. C. Meehan, Manager of the Exhibition—Robert Cameron.

Schedule Committee—James Wheeler, Chairman, Wm. N. Craig, Chairman.

Commercial Growers’ Committee on Prizes and Rules—James Wheeler, Chairman.

Gardeners’ Committee on Prizes and Rules—Robert Cameron, Chairman.

Retailers’ Committee on Prizes and Rules—Sidney Hoffman, Chairman.

Seedsmen’s Committee on Prizes and Rules—H. E. Rich, Chairman.

Other committees will be announced later.

CHRYSANTHEMUM SOCIETY OF AMERICA.
Work of Committees.
Report of examining committees follows:


Exhibited at Chicago, Nov. 4, by Dr. L. A. Elder, Indianapolis, Ind., Seedling No. 59, Pink, Pompon, 93 points; at Cincinnati, Nov. 4, Seedling No. 55, Pink, Pompon, 93 points, Ex. scale 93 points.

Exhibited at Chicago, Nov. 4, by Emler, D. Smith & Co., Adrian, Mich., Cleo, single, 85 points.

Exhibited at St. Louis, Nov. 9, by Imler, D. Smith & Co., Manhattan, Cleo, Pink, Jap., com. scale 86 points, Ex. scale 82 points.

CHARLES W. JOHNSON, Secretary.

FLORISTS’ CLUB OF PHILADELPHIA.
Committees for 1911-1912, appointed Nov. 7, 1911.


Membership—Henry F. Michell, chairman; Leo Niessen, Edward Reid. Wm. Robertson, Geo. Craig, chairman; A. Farenwald, J. F. Sibson.

SOCIETY OF AMERICAN FLORISTS.
Department of Registration.
The objections having been withdrawn, no public notice is hereby given that the registration of the Rose, "Oriole," by Jackson & Perkins Company of New York, Wayne County, N. Y., becomes complete.

H. B. DORNER, Secretary.

November 9, 1911.
Mr. Smith writes that while his best blooms did not exceed 6 inches in diameter their pleasing shade of light pink, perfect form, ideal stem and foliage immediately places this variety in the front rank of the commercial sorts.—C. S. A. Certificate.

DURING RECESS.

Chicago Bowling.

The scores on November 3 were as follows:

**VIOLETS.**

Wendt, 129 123 152
Hoben, 125 127 141
Hud'sen, 117 159 125
Freeman, 134 101 165
Jevne, 128 153 185

**CARNATIONS.**

Lotman, 116 150 120
Reid, 113 142 119
Worthington, 104 139 104
Hilz lie, 116 122 176
Zech, 172 294 109

**ROSES.**

O'Conner, 167 149 121
Foster, 129 228 179
Schroeder, 153 152 119
Wilt, 105 171 162
Fischer, 142 174 157

The December tournament is acting as incentive to faithful practice and best efforts, some of the scores creeping up will each night.

New York Florists' Bowling Club.

There was an augmented attendance at last Friday night's meeting and consequently the thermometer of hilarity kept at the highest mark all through the performances, what with Scott's descriptions of the same and deer battles recently near Richmond, Va., where the noise was likened to that in Civil War times and the ever-flowing stream of wit and wisdom from all present—well, to say the least, it was one of those "nights." The army of ball throwers were lined up under two captains, Fenrich and Chadwick, and each contestant was emphatically advised on the best methods of delivering the spheroids. Chadwick was

TWO NEW CHRYSANTHEMUMS BY ELMER D. SMITH & CO. (Photograph of two new chrysanthemums.)

Pink Jem

Aesthetic

Exceptionally beautiful as the name implies. The petals closely incurve and are so arranged as to form distinct tiers of puffs or rolls rather than the regular form usually seen in the incurved section. Its exquisite shade of delicate primrose as displayed by the unique form immediately appeals to those of refined taste.—C. S. A. Certificate.

INCORPORATED.

Louisville, Ky.—The Hall Seed Co., capital stock $50,000.


Forest Park, III.—Klimmer's Greenhouses, general florist and seed business; capital stock $5,000. Incorporators, Augusta, Frank and Minnie Klimmer and Lilie Zander.

We learn from P. Ouwerkerk, representing Association Flora of Bospho, that Azalea mollis is very scarce in Holland on account of the dry summer and more have been sold than can be delivered for this fall. A few years ago there were so many Azalea mollis grown in Holland and in Belgium that the prices came down so low that many of the growers reduced their stock for outplanting so that they will continue to be scarce for a few years to come.

CLUB AND SOCIETY NOTES.

The George Robert White medal of honor has been awarded this year by the trustees of the Massachusetts Horticultural Society to Victor Lemoline of Nancy, France.

It is stated that fully 3000 visitors attended the opening of the chrysanthemum show at the park board greenhouses in Minneapolis, on November 5. The exhibition will be open for two weeks. Louis Bogolin is the gardener in charge.

The program of the 38th Annual Convention of the Horticultural Society of Southern Illinois, has been issued. The meeting will be held at Anna, III., on Nov. 28 and 30. There will be an exhibit of fruit and the discussions will be on fruit topics.

At the regular meeting of the Cincinnati Florists' Society on Saturday, at the Cincinnati Cut Flower Exchange, the reports of outstanding committees were heard and approved. Fred Backmoler was elected to membership in the organization. The president appointed reception committees for the flower show.

New York, N. Y.—Fire was discovered amongst the stores on an upper floor of Kervan's in the 25th street, on Thursday evening last, and it was only by the prompt actions of the staff a very serious fire was prevented.
WASHINGTON NOTES.

Mr. Goudy visited many of the local trade last week in the interests of H. A. Dreer of Philadelphia.

Walter Hengel, late with Hubermehl of Philadelphia, has entered the employ of Z. D. Blackstone.

W. A. Bollinger of Bethesda, Md., is on a Circuit for business pertaining to the Federal government.

W. F. Gude, at the annual election, was made a member of the board of directors of the Washington Board of Trade. The election was a spirited one, there being more candidates than vacancies, but Mr. Gude polled within this variance of the ticket.

W. R. Smith is receiving the gratulations of his very many friends on his recovery from what was at first thought to be a fatal illness. Information has been given out at the Providence Hospital that he would be seen on the street before many days have passed. Mr. Smith has had quite a sile of it but has borne the pain and illness incident thereunto with remarkable fortitude.

F. H. Kramer has been holding his annual show of chrysanthemums and the display has caused his store to be crooked with admiring visitors. Cut chrysanthemums of all varieties and colors, shapes and sizes were to be seen and some mighty good stock was shown. The greenhouse was appropriately decorated with ferns, smilax and roses and at the rear was massed a forest of palms. Japanese lanterns cast a pleasing soft toned light on the whole.

Blessing those present at the "get together dinner" of the Retail Merchants' Association on November 8, were William F. and Adolphus Gude and Otto Hauer of the Washington Florists' Co. The dinner was held primarily to bring together merchants of all lines and for the discussion of methods of going to do away with various trade evils which now beset them. An informal reception preceded the dinner. The big dining and reception rooms of the recently remodeled Honore's were used for the occasion. An orchestra furnished music throughout the evening and a quartet and several soloists with the aid of the toastmaster kept the guests in the best of humor. There are now a number of florists who are members of this association and a campaign is to be started to get more.

Z. D. Blackstone held a reception this week following the completion of extensive alterations to his store at Fourteenth and H streets, N. W. The two sides of his store have been torn down and replaced by large display windows with mirrored pillars and top and concealed electric lights. New iceboxes have been installed and one of the walls has been painted.

The interior of the store has been colored French gray with a lattice work effect in white and on a sort of mosaic tiling. The walls are papered, potted ferns, palms and palms have been placed. The tables are of marble with the lattice work bases made from designs furnished by Mr. Blackstone. A new system of lighting has been put in and the store is one of the handsomest in the south. With their congratulations, a number of whole

sale firms and growers sent floral offerings and many of the local retailers have called on Mr. Blackstone wishing him continued success. CLARENCE L. LINZ.

CHICAGO NOTES.

Business Changes.

In addition to the list of business changes recorded last week, H. W. McGee & Co., have made over the retail business at 401 S. Ashland boulevard where they have been for the last four years. Their store has been leased by J. F. Carnik & O. J. Kramer. The tables of young men who have for the past two years had a store at 1514 W. Chicago Ave., and will now have both places. They are remodelling the new store and greatly improving the lighting and other equipment and will have a first-class store in every respect. The location is a choice one.

The Athenaeum Floral Co. has given up the store opened up four months ago on E. Van Buren St. and will make use of the basement salesroom only hereafter.

Richard Kolston, who has had many and varied experiences in the florists' line has now abandoned the business and gone into other work.

Halloween Party.

The store and office of the Geo. D. Withbod, Co. of Edgerton, of Buckingham Place and of their North Clark street store enjoyed a banquet and social evening at the residence of Fred Withhold. The tables were set in the large basement and these and the room were trimmed in a way suitable to the season. Dancing and games made an occasion not soon forgotten.

Miscellaneous News.

A new incorporation is under way to take over the old D. D. Johnson Co.'s business of manufacturing the Evergreen Brands of Fertilizer. Nothing to date has been completed but some excellent business men have the matter under consideration.

The Wenshoek Hr. Co., for many years utilized to get full opened bulbs which have showed much more than ordinary taste and elegance and this year was no exception unless it was exceptional. The Wenshoek works were a feature and the work in all lines was much admired during the three days' exhibition.

Invitations are out for the marriage of Martha Robakowski and Frank W. Paszkiet, Nov. 22nd, at St. Mary's Church. An all day and evening reception following the wedding according to the custom of that nationality. Frank is receiving his full share of attention from his fellow employees, but is a model of good nature.

The lessons to be learned from the Land Show are no longer doubted by any one and the Chicago florists are called upon to get their share. The arrangements and decorations alone are worth studying and among the varied products of the entire country are hints in plenty to the ones who are looking for them. The annual event opens Nov. 18th.


To try and do away with the middleman in the bulb importing business is like trying to economize on the policeman in the middle of a busy street. It's a sort of finesse that seldom works out profitably. There are so many ways a buyer can become a loser by doing his own importing that it is not policy for the average grower to do it. It is a business by itself, and it's better for most buyers to buy from an American house than a foreign one, because you can get in quick, close touch with those responsible without difficulty and expense. This alone has saved buyers many a dollar that would otherwise have been lost to brokers and other parasites whose business it is to prey upon the unwise and ignorant in all sorts of ways that cost money. Buy your bulbs and plants from good first-class American houses—in the long run you can't do better anyway, and, besides, by helping Americans you help yourself and encourage home industry. What business do you get from a man entirely foreign to this country? Who supports you and your business—the Americans or the foreigners? Support those who support you—and, above all, don't let a foreigner sail home with a mortgage on your bank account and a lien on your business.

In the interest of Horseshoe Brand Bulbs. Write for prices.

Ralph M. Ward & Co.
12 West Broadway
NEW YORK CITY
**Seed Trade**

The Seed Disclaimer Upheld.

The following Supreme Court decree will be of considerable interest to the American seed trade:

In Wisconsin Central Seed Company v. Josling, 274 U. S. 477, a plaintiff sued the defendant, Josling, and the defendant, Josling, sued the plaintiff, Wisconsin Central Seed Company, for breach of warranty. The contract was for a mixture of peas, and the defendant, Josling, served an answer to the plaintiff’s complaint, denying the breach and asking for a jury trial. The plaintiff then asked for a summary disposition of the case, which was granted, and the defendant was held to have breached the contract.

The Supreme Court held that the plaintiff was entitled to summary disposition of the case, and that the defendant was not entitled to a jury trial.

**New Times, New Things**

The old fertilizer formulas are giving way to the new. At every farmers’ meeting the subject is the same: the fertilizer formula that will furnish a balanced ration to the crop and keep up the fertility of the soil. To do this the fertilizer should contain at least as much Phosphoric Acid. Our note book has condensed facts essential in farmers’ meetings and plenty of space to record the new things that you hear. Let us send one to you before your Institute meets.

A supply of these is furnished by request to every instutute held in the United States. We will be glad to send a supply delivered free of charge to every Institute, Grange or Farmers’ Club Officer on request. It contains no advertising matter.

**GERMAN KALI WORKS, Inc.**

Continental Building, Baltimore, Md.

Monadnock Block, Chicago, Ill.

93 Nassau Street, New York

**HYBRID ORCHIDS**

**FLOWERED AND UNFLOWERED...**

Julius Reehrs Co.

Rutherford, N.J.

**GYPRIPEDIUM CAUDATUM**

We have received a small importation of this almost extinct orchid and can offer a limited number of name at moderate prices. Write for particulars.

**LAGER & HURRELL, N. P.**

**SUMMIT ORCHIDS**

Largest Importers, Exporters, Growers and Hybridists in the World

SANDER, St. Alban’s, England

and 256 Broadway, Room 721 NEW YORK CITY

**ORCHIDS**

**PLANTS and FLOWERS always on hand**

ORDONEZ BROS.

Madison, New Jersey

President.
Our stock of this beautiful, graceful, hardy palm is in prime condition and of good value.

**PHOENIX ROEBELI**. Specimens

- 6 in. pots, 1½ ft. high, 2 ft. spread: $2.00 each
- 8 in. pots, 2 ft. high, 2½ ft. spread: $3.00 each
- 10 in. pots, 2½ ft. high, 3 ft. spread: $4.00 each
- 12 in. pots, 3 ft. high, 3½ ft. spread: $5.00 each
- 14 in. pots, 4 ft. high, 4½ ft. spread: $6.00 each
- 15 in. pots, 5 ft. high, 5½ ft. spread: $7.00 each
- A nice lot of young plants in 2½ inch pots for growing on: $1.25 per dozen; $12 per 100; $100 per 1000.

For a complete line of Seasonable Decorative Stock see our Special Circular of October 13th. If you did not receive a copy write us and we will send you one.

Are you interested in Dahlias, either as a cut-flower proposition or for cataloging? If so send for our Special Wholesale Catalogue of Dahlias quoting special prices on field roots for early orders.

**HENRY A. DREER, Inc., 714 Chestnut Street, Philadelphia, Pa.**

The above is intended for the trade only.

---

**B. & A. SPECIALTIES**

**PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.**

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill Station is the second stop on Main Line of Erie Railroad.

**BOBBINK & ATKINS**

Nurserymen and Florists

Rutherford, N. J.

---

**American Grown Roses**

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens.

Write for Trade List.  W. & T. SMITH CO. Geneva, N. Y.

**HARDY NORTHERN GROWN NURSERY STOCK**

WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS A GENERAL ASSORTMENT OF Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our Illustrated and descriptive Catalogue for the asking.

**THE BAY STATE NURSERIES,**

North Abington, Mass.

**HOLLAND NURSERIES**

Best Hardy Rhododendrons, Azaleas, Conifers, Clematis, H. P. Roses, Shrubs, and Herbaceous Plants.

**P. O. IJWERKERS, 514 N. 81st, Washington Bldg.**

**ROBERT CRAIG CO.**

**ROSES, PALMS, and Novelties in Decorative Plants**

**MARKET and 48th STREETS, PHILADELPHIA, PA.**
Seed Trade

(Continued from page 702)

action for the resulting damage. No such cause of action has been stated in the counterclaim and no claim was made on the argument that any such cause of action was relied upon or existed.

The ruling of the trial court excluding testimony tending to show that the pens furnished were not "advance" pens, was correct on the record presented. There was present but one of two elements that were necessary to constitute a cause of action. The element of bad faith was not presented by the pleadings, and no claim was made by counsel that such bad faith existed. We find no error in the record.

By the Court—Judgment affirmed.

Foreign Trade Opportunities.

(Inquiries in which addresses are omitted are on file at Bureau of Manufactures.
In applying for address refer to file number.)

No. 7571. Vegetable and Flower Seeds.—An American consular officer in a Latin American country, in response to inquiries from the United States, writes that the leading dealer in vegetable and flower seeds in his district would be glad to enter into relations with concerns in the United States for importing their seeds at profitable figures. Hitherto he has imported most of his seeds from European countries, as he claims that prices in the United States have been too high. Firms should correspond directly with this dealer, sending him catalogues, price lists, discounts, etc. These should be in the Spanish language, and it would be advisable for prices to be quoted in local currency f.o.b. some well-known American seaport. Weights and measures should be expressed in the metric system. The consular officer also suggests that firms send catalogues and literature to the commercial organizations in the leading centers of the country, a list of which is given in the report and can be obtained from the Bureau of Manufactures.

No. 7580. Garden Seeds of Various Kinds.—A report from an American consular officer states that on the other end of the continent the past summer, a certain country is practically without seeds for spinach, carrots, turnips, and flowers. Orders should be made by growers from the United States, and the names of prominent dealers, who should be addressed, are given in the report.

Notes.

Meridian, Miss.—The Kimbrough Seed Co., J. M. Kimbrough, proprietor, will open a seed store here.

Columbus, Ga.—Bradford & Meadow is a new firm that will open a seed and drug business here soon.

Little Rock, Ark.—A voluntary petition in bankruptcy has been filed by Leifer Bros. Seed Co., $1,000, assets $8,000.

Articles of incorporation have been filed by the Hall Seed Co., Louisville, Ky. Capital stock $50,000. Incorporators, E. C. Poltz, W. P. Hall and W. P. Bunton.

Indianapolis, Ind.—The Southern Seed Co., of Kentucky, has filed notice of which it was transferred to the Southern Seed Co., of Indiana.

Sown now will be in excellent condition for St. Patrick's Day. Only fresh seed will germinate. Fresh crop seeds now ready.

Trade Packet, 25c. 75c. Per Ounce

HENRY F. MICHELLE CO.
518 Market Street, PHILADELPHIA

ST. LOUIS NOTES.

The Eggeling Floral Co. have moved their store to the opposite corner from where they have been in business for many years. The name of the firm has been changed to Margaret Eggeling, florist.

During the big wind and rain storm on Saturday night a large plate glass window of C. Young & Sons' Co., at 1406 Olive street was broken. Luckily it kept together as the drop from 75 down to 17 degrees would have frozen them out during the night.

Wm. C. Smith and Adam Zender, the latter from Chicago, were in a big smashup the past week in which both came near losing their lives, their buggy in which they were riding being run into from the rear by an automobile. Mr. Zender came out with but a few hurts but Mr. Smith was painfully hurt about the face and body which kept him in doors all of the week. From reports he will be out this week.

The Engelmann Botanical Club held a largely attended meeting on Monday night, Nov. 13, at the Missouri Botanical Garden. Mr. Pring, who has charge of the orchid houses gave an illustrated talk on "The Evolution of the Cultivated Chrysanthemum" which was very interesting. After the meeting the members and visitors were conducted to the annual chrysanthemum show given by the Garden. This was the most enjoyable meeting the club has had for a long time. They meet every second Monday in the month at the Garden.

Forcing Asparagus Brings Big Money

Forcing asparagus is worth $1.00 per bunch. I have the seven-year-old roots of giant proportions. Should be shipped now before freezing weather and you can place them on your bench when you wish to. Also large forcing rhubarb roots.

WARREN SHINN, Nurseryman
WOODBURY, N. J.

FORCING TOMATO PLANTS

In 2½ inch pots at $2.00 per M by the following varieties: Comet, Sutton's, Winter Beauty, Sutton's Seed Of All, Sutton's Abundance, Sutton's A. J., Cabbage and Lettuce Plants to unlimited quantities and best market varieties.

FOX HALL FARM, NORFOLK, VA.
Farquhar's
Flower Seeds
for
The Florist

Write for our Wholesale Catalogue
R. & J. FARQUHAR & CO.
Boston, Mass.
Florists' Telegraph Delivery

(Retailers' Section—S. A. F. & O. H.)

Mutual discounts, 20 per cent. Provision for guaranteed accounts.

Write for particulars to
IRWIN BERTERMANN, Secretary, 241 Massachusetts Ave., Indianapolis, Ind.

Of Interest to Retail Florists

Ralphert & Krejel of 3250 W. 26th St., Chicago, have sold their flower business to Joe Papacke.

San Diego, Cal.—The cut flower department of V. W. Scott, 1355 Fifth street, will be discontinued.

Dubuque, la.—The greenhouses of G. A. Hoyne, retail florist, have been taken over by the park commissioners and he has retired from business.

Pierce, S. D.—Enoe & Barney, doing business as the Capitol Greenhouse Co., have dissolved partnership. Herbert D. Enoe will continue the business as proprietor and manager.

STEAMER DEPARTURES

American
Philadelphia, N. Y.—Shipp’d Nov. 25
Atlantic Transport
Minneapolis, N. Y.—London...Nov. 25

Cunard
Manchester, N. Y.—Liverpool...Nov. 25

Lusitania, N. Y.—Liverpool...Nov. 25

Boston, Boston—Liverpool...Nov. 25

Ferrair, N. Y.—Melbourne...Nov. 30

Holland America
Rotterdam, N. Y.—Rotterdam...Nov. 21

Rotterdam, N. Y.—Rotterdam...Nov. 30

Hamburg American
Philadelphia, N. Y.—Hamburg...Nov. 21

Amerika, N. Y.—Hamburg...Nov. 21

Leyland
Winfieldred, Boston—Liverpool...Nov. 25

North German Lloyd
G. Washington, N. Y.—Breem...Nov. 25

K’v’w, N. Y.—Breem...Nov. 25

France, N. Y.—Breem...Nov. 25

Bremen, N. Y.—Breem...Nov. 25

Red Star
Vansterland, N. Y.—Antwerp...Nov. 25

White Star
Zeeland, Boston—Liverpool...Nov. 25

Celtic, N. Y.—Liverpool...Nov. 25

Clyde, N. Y.—Liverpool...Nov. 25

Adriatic, N. Y.—Liverpool...Nov. 30

NEW FLOWER STORES

Joplin, Mo.—H. A. Hall, 415 Main street.

Morris, III.—H. Jepson, 206 E. Washington street.

Toronto, Ont., Can.—Ernest Graham, Queen street.

Baltimore, Md.—Everett W. Pierce, 500 N. Charles street.

Detroit, Mich.—Jerome K. Stock, Warren avenue; workshop, offices and show house in rear.

Elyria, O.—L. C. Heacock Floral Co., 407 Broadway; branch of their store 333 E. Broad street.

Evansville, Ind.—L. F. Metcalf, 210 Upper Fifth avenue; branch store with William Hewig as manager.

Jackson, Tenn.—James & Nelson Floral Co., Jackson, Tenn., will open a flower store here. Mr. Sands, florist, is one of the partners. They will conduct greenhouses on North Highland avenue.

J. A. VALENTINE, Denver, President.
W. J. PALMER, Buffalo, Vice-President.
W. L. ROCK, Kansas City, Treasurer.

OTHER DIRECTORS:

ALEX. McCONNELL
571 FIFTH AVENUE
NEW YORK CITY

Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or wired by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls, 487 and 488 Murray Hill
Cable Address, ALEXCONNELL

NEW YORK

Orders for Steamer, Theatre, Hotel, or Residence Carefully Filled.

Wm. H. LONG
412 Columbus Ave.

DAVID CLARKE’S SONS

Deliver orders from any part of the country to New York City
Or OUT-GOING STEAMERS

Write or telegraph
2139-2141 Broadway, New York
Telephone 1055 Columbus

Established 1874.

DARDS

The Far-Famed Flowers of
TORONTO

The Park Floral Co.
J. A. VALENTINE
Pres.

DENVER, COLORADO

WILLIAM L. ROCK
FLOWER CO.

Kansas City, Mo.

will carefully execute orders for Kansas City and any town in Missouri or Kansas.

W. J. Palmer & Son
304 Main Street, Buffalo, N. Y.

Members Florists’ Telegraph Assn.
THE FLORISTS’ SUPPLY HOUSE OF AMERICA

Offers You Sunnerb, Exclusive Novelties This Season in Every Line. These Have Exceptional Value and Selling Merit. Tell Us What You are Interested in and at Same Time Ask for a Copy of

OUR SILENT SALES MAN

H. BAYERSDORFER & CO.

1129 Arch Street, PHILADELPHIA, PA.

Less Ice With Better Results

The McCray System of Refrigeration, which insures a perfect circulation of cool, dry air, will not only reduce your ice bills, but will keep your stock in the best condition — fresh, fragrant and attractive.

McCray Refrigerators

Are made so as to display your flowers to the best advantage. They can be lined with white enamel, opal glass, tile, mirrors or marble to suit your convenience. Write for our beautiful Free Catalog No. 72, which shows refrigerators for florists, both stock and built-to-order, in all sizes and styles.

McCray Refrigerator Co.

353 LAKE STREET
KENDALLV LLE, IND.

NEW ENGLAND
FLOWER DELIVERIES
Send flower orders for delivery in Boston and all New England points to

THOS. F. GALVIN
124 Tremont St., Boston

TRANSFER
Your orders for flower or plant delivery in Eastern New England to

JULIUS A. ZINN
1 Park St., Boston

BOSTON’S BEST
In Quality and Design
Can be relied upon when you transfer your retail orders to

EDWARD MACMULKIN
194 Boylston Street, Boston

Littlefield
FLORIST
407 & 409 Main St., Worcester, Mass.

WELLESLEY COLLEGE
Dean Hall, Walnut Hill and Rockridge Hall Schools—TALBY, Wellesley, Mass.
Tel., Wellesley 407 and 9 Night 410

NEWS NOTES.

Chicago, Ill.—The Leslie Floral Co., Randolph street, closed Nov. 1.

Walla Walla, Wash.—Huff & Young, 7 E. Main street, are succeeded by Fred M. Young.

Agawam, Mass.—C. W. Atwater has moved his nursery business here from Colchester, Conn.

Rockford, Ill.—M. H. Smith, florist, is reported bankrupt with liabilities of $2,000, assets $1,000.

Alton, Ill.—J. F. Ammann has sold his interest in the flower store at 523 E. 4th street to George Madsen of the Alton Floral Co.

East Seattle, Wash.—Simler & Buxton are succeeded by the East Seattle Floral Co., Mercer Island, Sturhio & Pedersen proprietors.

San Francisco, Calif.—The business of the California Floral Supply Co., 31 Lick place, has been sold to Tomoto Bros., of 27 Lick place.

Elmhurst, Calif.—Domoto Bros., of Oakland, who are building a 32 x 250 ft. greenhouse here, have a large range in Fitchburg. They cultivate about forty acres of land. To hasten their range they have a 400 horse power boiler plant. T. K. Domoto is manager.

Boston.—The flower store of Wm. Finlay, which was opened at 172 Federal street last March, has been closed and Mr. Finlay has accepted a position with the Flower Growers’ Sales Co.

Julius A. Zinn, 1 Park street, is showing a fine line of Jardiniere pedestals, pots and fern pans in the new Ivory ware which is proving quite popular.

BOSTON, MASS.

“Penn, The Telegraph Florist”
37-43 BROMFIELD STREET

H. F. A. Lange

WORCESTER, - MASS.

Flowers or Design Work

Delivered to All Points in New England.

ALBANY, N. Y.

EYRES
Flowers or Design Work

DELIVERED IN ALBANY AND VICINITY ON TELEGRAPH ORDER
11 NORTH PEARL ST., ALBANY, N. Y.

“THE HOME OF FLOWERS”

The largest cut flower store in America. Orders for the TWIN CITIES and for all Northwestern points given prompt attention.

HOLM & OLSON, Incorporated
ST. PAUL, MINN.

Toronto, Ont.—The business of Thos. Plumb, 727 Yonge street, has been purchased by J. S. Simmons, who will run it as a branch of his store at 266 Yonge street.
$7.50 per 50 lb. Crate

The best in the market, and we guarantee it to give satisfaction.

White Lilac

PER BUNCH, $1.25

BOUVAJRIA per 100 $3.00 GARDENIAS per doz. $4.00

The Leo Niessen Co.

WHOLESALE FLOWERSTERS
N. W. Corner of 12th and Race Sts., PHILADELPHIA

WELCH BROS.

AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS

BEST PRODUCED

226 Devonshire Street,
Boston, Mass.

WHOLESALE FLOWER MARKETS — TRADE PRICES — PER 100 TO DEALERS ONLY

<table>
<thead>
<tr>
<th>ROSES</th>
<th>BOSTON Nov. 14</th>
<th>CHICAGO Nov. 10</th>
<th>ST. LOUIS Nov. 14</th>
<th>PHILA. Nov. 14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ave. Beauty, Fancy and Special…</td>
<td>15.00</td>
<td>25.00</td>
<td>30.00</td>
<td>35.00</td>
</tr>
<tr>
<td>Extra……</td>
<td>8.00</td>
<td>10.00</td>
<td>12.00</td>
<td>12.00</td>
</tr>
<tr>
<td>No. 1……</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>Lower grades…</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Richmond, Chateau, Pincushion…</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Lower grades…</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fae &amp; Bpl…</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Bride, Maid…</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Tahiti, Honeymoon…</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>CARNATIONS, First Quality…</td>
<td>1.00</td>
<td>1.50</td>
<td>1.50</td>
<td>1.50</td>
</tr>
</tbody>
</table>

MISCELLANEOUS

| Cattleyas… | 4.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| Lilies, Longiflorum… | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Lily of the Valley… | 75 | 75 | 75 | 75 | 75 | 75 |
| Chrysanthemums… | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 |
| Violets… | 50 | 50 | 50 | 50 | 50 | 50 |
| Sweet Peas… | 50 | 50 | 50 | 50 | 50 | 50 |
| Gardenias… | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| Azaleas, Hybrids… | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Asiatic Lilies… | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| & Species Florets… | 25 | 25 | 25 | 25 | 25 | 25 |

The Leo Niessen Co.

WHOLESALE FLOWERS

N. W. Corner of 12th and Race Sts., PHILADELPHIA

If you want to find a market for your product, consult the advertisements on these wholesale flower pages. The advertisers represented here are the leading concerns in the wholesale flower trade.
Flower Market Reports

BOSTON

Local flower trade is definitely slack and the markets which depend upon local demand for their prosperity are feeling it. With the houses that have a shipping trade business is excellent and these houses are among the best friends the markets have at this time, as they are heavy buyers and help materially to unload the surplus that otherwise would be at the mercy of the street vultures. Demand from outside points is decidedly better than from the vicinity of Boston. The New Haven fondness for violets is beginning to have its effect on that commodity and prices have advanced to a reasonable figure. Quality is good on all lines.

The past two weeks has

BUFFALO

found the early winter trade only fair, that is, not better than previous years. The volume of business was larger, but the prices obtained less. The cause can only be laid to the fine fall weather, which had a tendency to bring on the chrysanthemums, roses and carnations, etc., faster than they could be disposed of at good prices, consequently the accumulation of flowers was heavy and prices far below their actual value. This applies mostly to roses and carnations, though the early variety of chrysanthemums, mostly of the ordinary quality, suffered the most. Pompons had a better call, and the demand for yellow was the heaviest, though other varieties shared in the demand. The late varieties are here, and some exceptionally fine Eton in yellow are had, also Maud Dean, Bonnaffon, Balfour, Enguehard, and no complaint can be made about these, for they sell well and the prices are encouraging to the wholesaler and grower. Beauties are scarce, and prices have advanced a notch. The long grades are fine, but the shorts are only ordinary poor blooms, and sell below summer prices. Killarneys, Perles, Brides, Killarneys, Richards, Richmonds, "Maids, Bridal." and Perles are in good winter form—that is, all but the prices. Lily of the valley has been plentiful, also violets. There is nothing of everything and the retailers had little or no trouble to fill any order, no matter how large. Cold weather is looked for, which will not alone check the supply, but bring down the bargain signs which have been so conspicuous in every shop window for the past months, as the time has come when the season's business should actually begin.

The preceding busy

CHICAGO

weeks in the wholesale market have given way to one of comparative quiet, for which the sudden drop of 59 degrees in the temperature is supposed to be responsible. Stock has not suffered in quality but rather the opposite condition obtains. Beauties are becoming scarcer. Aside from the number used locally, the various flower shows have drawn many prize-winners and the regular shipping demand has been steady also. Chrysanthemums are not generally counted as quite up to those of last year's average—very many blooms and pompons and rather less of the fancy ones. Roses are in good supply, the highest grades being first

(Continued on page 711)
M. C. FORD

Successor to
FORD BROTHERS
121 West 25th Street NEW YORK
FINE ROSES, FANCY CARNATIONS
A Full Line of All CUT FLOWERS,
Telephone, 3570 or 3871 Madison Square
H. E. FROMENT
Wholesale Commission Florist,
Choice Cut Flowers,
47 West 28th St. :: NEW YORK
Telephones: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send for quotations. Correspondence with shippers of first-class stock invited.
130 West 28th Street, New York
Telephones 4426-4527 Madison Square.

Edward C. Horan
Wholesale Florist
55 WEST 28TH ST.

J. K. ALLEN

NOW IS THE TIME
To decide on your Commission Man. Begin the season right by shipping your product to the OLD, RELIABLE E. S. T. E. A. T. M. E. S. T. I. M. E. N. T.
OPEN EVERY MORNING AT 6 O'CLOCK.

P. J. SMITH
Successor to JOHN J. RAYNOR
Wholesale Commission Florist
A Full Line of Choice Cut Flower Stock for all purposes
by the 100, 1000 or 10,000
TEL. 1998 MADISON SQUARE 49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—3332-3533 Madison Square

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY ORIGIN
AIN CARNATIONS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS
40-42 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>Last Half of Week ending Nov. 11 1911</th>
<th>First Half of Week beginning Nov. 13 1911</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Beauty, Fancy and Special</td>
<td>20.00 to 25.00</td>
<td>20.00 to 25.00</td>
</tr>
<tr>
<td>&quot; &quot; Extra</td>
<td>18.00 to 20.00</td>
<td>18.00 to 20.00</td>
</tr>
<tr>
<td>&quot; &quot; No. 1</td>
<td>18.00 to 20.00</td>
<td>18.00 to 20.00</td>
</tr>
<tr>
<td>&quot; &quot; Lower Grades</td>
<td>16.00 to 18.00</td>
<td>16.00 to 18.00</td>
</tr>
<tr>
<td>Richmond, Chatanoy, Extra and Special</td>
<td>15.00 to 17.00</td>
<td>15.00 to 17.00</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>14.00 to 16.00</td>
<td>14.00 to 16.00</td>
</tr>
<tr>
<td>Kilmerney, My Teryland, Extra and Special</td>
<td>12.00 to 14.00</td>
<td>12.00 to 14.00</td>
</tr>
<tr>
<td>&quot; &quot; Lower Grades</td>
<td>10.00 to 12.00</td>
<td>10.00 to 12.00</td>
</tr>
<tr>
<td>&quot; &quot; Extra Ordinary</td>
<td>8.00 to 10.00</td>
<td>8.00 to 10.00</td>
</tr>
<tr>
<td>&quot; &quot; Ordinary</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York

SiEBRECHT & SiEBRECHT
Wholesale Florists
136 W. 28th St., New York City

A. L. YOUNG & CO.

Choice Cut Flowers

FRANK MILLANG

Wholesale Florist
55-57 West 26th St., NEW YORK
Shipments, any quantity, Wholesale Market Rates.
Flower Market Reports.

(Continued from page 700)

to sell out. Carnations are all that could be desired, and a full supply is now in the market. Violets are coming in more abundantly now, but the largest increase is drifting to the more showy flowers, as is general in chrysanthemum season. Orchids, as well as violets and lily of the valley have been in especial demand recently. The first paper white narcissi were noticed last week.

Last week’s market CINCINNATI which started fair at the opening was slow at the close and this week’s started in inverse order. It was caused principally by a slack demand for flowers for work and heavy cuts of cull chrysanthemums. These naturally held the price of the latter ones down where one would expect that with the sudden advent of the very cold weather they would go sky-high. The shipping business continues good. Locally roses and carnations seem to be off crop. The pink roses are selling well, while white, owing to the continued large supply, do not clean up as readily. There is a sufficient facility of choice varieties, and a scarcity in the medium and short. Red roses are strong, but the sizes run mostly from medium to short. The smaller sizes include lilies, lily of the valley, double and single violets and orchids.

A decidedly better feeling prevails in the wholesale district as compared with the past three weeks. The cold weather has shortened up the supply a little of course, but not a great deal. It has also sharpened up the buying appetite and that means and drives the seller the necessary courage to put prices back where they belong. Roses, lilies and some of the minor stocks have advanced but in chrysanthemums there is little change. Quality is good all down the list.

PHILADELPHIA has seen some slight improvement in general business conditions in the wholesale markets here. Some departments were worse; some better—but on the average an improvement. The chrysanthemums have probably reached their high water mark now, as to quantity—and when we say quantity, we mean the vast influx of medium-grade stock that usually swamps the market at the height of the season.—this volume will decrease from now on, as the smaller growers are cut out; higher grades will now have a chance. The big wide-awake growers realizing the all round supremacy of Bonnaffon planted heavily of this, consequently there are big cuts to offer of magnificent blooms and also plenty of fine flowers to meet more moderate requirements. Appleton—both light and dark, Dear Friend, the two Eaton’s, Maud Dean, and Mrs. Jerome Jones, are also cutting a wide swath in popular esteem. There are also a very few of the Golden Chadwick and White Chadwick. White Bonnaffon is to be seen but this does not seem to be in the same class with the yellow Bonnaffon although a pretty good flower. The rose market naturallyлагs a little among this wealth of glory. There is no lack in getting equality. In the regular varieties, although American Beauty has been rather on the short side and we hear of some orders for these late in the past week that could not be supplied. Violets also were in excellent demand. Prices on these held firm and all flowers that were any good cleaned up excellently. More and better gardenias. Fewer orchids. Demand good in both. Calas and mignonette are new items. Carnations and other star species holding their own at normal figures.

ST. LOUIS was in pretty good condition all of last week. There was plenty of cut stock of anything seasonable and at prices within reach of all. Fancy stock was bought up by all the up-town florists at good prices. That is the large fancy chrysanthemums and the commission man found no trouble in disposing of them each morning. Carnations are looking better and also selling well. Violets, lily of the valley and lilies are coming in good at present. Roses are more plentiful than any other flower just at present but they, too, seem to sell better than usual at this particular time. The retail trade has picked up greatly since the cold weather and the trade is looking for good steady business from now on.

(Continued on page 706)
Buyer's Directory and Ready Reference Guide

Advertisements under this head, one-cent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Buyers finding to what they want in this list will confer a favor by writing us and we will try to put them in communication with reliable dealers.

ACCOUNTANT
R. J. Dyarst, 28 State St., Boston.
For page see List of Advertisers.

ACHYRANTHES
Acbyranthes, rooted cuttings: Metallien, Laidlake, Warscewicz, $5.00 per 100; P. de Buley, $10.00 per 100; 2 in., 25c per 100.
THE GEO. WITTOLD CO., Edgewater, Chicago, Ill.

AERATUM
Ageratum, Stella Gurney, 2 oz., Princess Pauline, 2 oz., $2.00 per 100.
THE GEO. WITTOLD CO., Edgewater, Chicago, Ill.

ALTERNANTHERAS
Class H. Totty, Madison, N. J.
For page see List of Advertisers.

ALTERNANTHERAS
Alternanthera rooted cuttings, Anna Nau, Brilliantissima, Parachicada Major, $5.00 per 100.
THE GEO. WITTOLD CO., Edgewater, Chicago, Ill.

AMPELOPSIS
Ampeleopsis Veitchii, 1 yr. plants, $8.00 per 100; $35.00 per 1000; Wm. Eberich Co., North Milwaukee, Wis.

ARAUCARIAS
For page see List of Advertisers.

ARASPAUGUS
A. N. Iverton, Inc., Woonsocket, Conn.
For page see List of Advertisers.

ASPARAGUS
Asparagus Fluminous, extra fine 6 ft. stock, $5.00 per 100, $45.00 per 1000, F. Rieth, Dowtown Green, Ill.
Asparagus plumosus seedlings, cimans, sprays and seeds. Write for prices. Peter Black, Orlando, Fla.
Asparagus plumosus, 2 ft. pots, $3.00 per 100; 2 ft. sprays. Asparagus Spreng., 2 ft. pots, 2.00 per 100; 4 ft. pots, heavy, $1.00 per 100.
Storrs & Harrison Co., Palestine, Ohio.

AZALEAS
P. Ouwerkerk, Hoboken, N. J.
For page see List of Advertisers.

AY HOUSES
A. Leuthy & Co., Roselle, Ill.
For page see List of Advertisers.

BAYS TREES
A. Leuthy & Co., Roselle, Ill.
Beblik & Atkin, Rutherford, N. J.
For page see List of Advertisers.

BAKERS TREES
Beblik & Atkin, Rutherford, N. J.
For page see List of Advertisers.

BOXWOOD TREES
Beblik & Atkin, Rutherford, N. J.
For page see List of Advertisers.

BULBS AND TUBERS
Joseph Brock & Sons, 47-54 Market St., Boston.
French and American Bulbs.

BULBS FOLDING
Edwards Folding Box Co., Philadelphia.

FORAGE FLOWERS
Folded cut flower boxes, the best made. Write for list. Holton & Hunkel Co., Milwaukee, Wis.

CAMEI STAKES
W. B. Barnard Co., Chicago, Ill.

CANNA STAKES
R. Vincent, Jr. & Son Co., White Marsh, Md.

CARNATIONS
F. Dormer & Sons Co., Lafayette, Ind.

CARNATIONS
Chicago Carnation Co., Joliet, Ill.

CARNATIONS
Wood Bros., Fiskville, N. Y.

CARNATIONS
300 Embelants, $5.00 per 100; 200 Winners, $4.00 per 100, field grown, best of rock rid on the list. G. L. Bald, Dixon, Ill.

CARNATIONS

CARNATION STAPLE
Split carnations quickly, easily and cheaply needed. Pillsbury's Carnation Staple, 2000 for $1.00 post paid. I. L. Pillsbury, Galena, Ill.

CHRYSANTHEMS
Eimer D. Smith, Adrian, Mich.

CHRYSANTHEMS

CHRYSANTHEMUMS
Chrysanthemums, rooted cuttings, Monrovia, Polly Rose, $12.00 per 100; Violeta, Porteal, of Washington, $5.00 per 100; $6.00 per 1000. Chan. Lenker, Freeport, L. I., N. Y.

Now is the time for you to get a few of the bestEarlypicks. Give the latest white Chrysanthemum, Smith's Advance, guaranteed true to name, 8 for $1.00. Extra strong 2 in. plants, ready now, at $3.50 per dozen, or $30.00 per 100. Cash. J. F. Flanner Est., 852 Dunlap Ave., Forest Park, Ill.

CLEMATIS
Clematis paniculata, 2 and 3-yr-old; also Henry A. Aitken, Inc., Philadelphia, Red Jack, Duchess. Special price for full delivery. Parks & Schaufelberger, Penfield, N. Y.

COCONUT FIBRE SOIL
20th Century Plant Feed Co., Beverly, Mass.

COLEUS
Colore 24 in., rooted cuttings, Beckwith's Gem, Golden Bolder, $6.00 per 1000; 2 in. Fizerj red and yellow, Beckwith's Gem, Golden Bolder, 2000 per 1000. THE GEO. WITTOLD CO., Edgewater, Chicago, Ill.

CYCLAMENS
Cyclamen—Best Varieties in different colors, 3 inch pots, strong plants, $10.00 per 100; $60.00 per 1000. Julius Roehrs Company, Rutherford, N. J.

CYCLAMEN GIANT GLOBE SEEDS
P. F. Kapp, Kew Gardens, N. Y.

DAHLIAS
Herbert Arto, N. J.
For page see List of Advertisers.

DAHLIAS
R. Vincent, Jr. & Son Co., White Marsh, Md.
For page see List of Advertisers.

DAHLIAS NEW FOR 1911
Dorothy Peacock, 201, 6th St., Cassett, Golden Wedding, New Century Dahlia, etc. Big stock of best cut flower dahlia. Write for surplus list and special prices. Peacock Dahlia Farms, Williams Town Junction, N. J. Post Office, Berlin, N. J.

DAHLIAS—250 seed clumps, assorted varieties, 50c. each for cash; or what have you to exchange? Geo. H. Walker, Dahlia Exchange, East Heidelberg, Dahlia Farms, if you are looking for dahlias stock for your catalog or garden. Write for list to the Dahlia King, J. K. Alexander, East Bridgewater, Mass.

For List of Advertisers See Page 717

November 18, 1911
FLORISTS' SUPPLIES
N. F. McCarthy & Co., 124 Hanley St.,
Boston, Mass.
For page see List of Advertisers.

FLORENS
E. M. H. and J. H. B. Advertisers.
N. Y.
For page see List of Advertisers.

FLOWER POTS
W. H. Doubleday & Co., 245 S. 6th St.,
Washington, D. C.
For page see List of Advertisers.

HALL INSURANCE
Ferris' Hall A. & I. America.
J. G. Estler, Saddle River, N. J.
For page see List of Advertisers.

HARDY FERNS AND SIBERIANS
Michigan Cut Flower Exchange.
28 and 40 Broadway, Detroit, Mich.
For page see List of Advertisers.

HEATING APPARATUS
Kroscheil Bros., 2727 Wabash Ave.,
Chicago.
For page see List of Advertisers.

HERBACEOUS PLANTS
Greenhouse glass, lowest prices.
Johnston Glass Co., Harford City, Ind.
For page see List of Advertisers.

HERBACEOUS PLANTS
Greenhouse glass, lowest prices.
Johnston Glass Co., Harford City, Ind.
For page see List of Advertisers.

HONEY
For page see List of Advertisers.

HOT-RED RASPBERRY
For page see List of Advertisers.

HYDRANGEAS
F. H. Pierso Co., Tarrytown-on-Hudson,
N. Y.
For page see List of Advertisers.
HYDRANGEAS—Continued

Hydrangea Okatsugi. New, bright pink, 5 ft. tall. $1.00 each.

Hydrangea Okatsugi, field grown. Extra sprig, large tuber, $2.50 per 10; $20.00 per 100;

Hydrangea Okatsugi, field grown. Extra sprig, large tuber, $2.50 per 10; $20.00 per 100;

Hydrangea Okatsugi, field grown. Extra sprig, large tuber, $2.50 per 10; $20.00 per 100;

Hydrangea Okatsugi, field grown. Extra sprig, large tuber, $2.50 per 10; $20.00 per 100;

Hydrangea Okatsugi, field grown. Extra sprig, large tuber, $2.50 per 10; $20.00 per 100;

MARGUERITES

Marguerite plants, yellow, 2 in., $1.00 per 100; $10.00 per 1000.

THE GEO. WITTBOLO CO.,

Chicago, Ill.

MASHICA

F. O. Fierro, 1158 Broadway, New York, N. Y.

For page see List of Advertisers.

MATS FOR COLD FRAMES

Wm. Elliott & Sons, New York, N. Y.

For page see List of Advertisers.

MUSHROOM SEWN

George C. Watson, Phila., Pa.

NICO-PIPE

Kentucky Tobacco Product Co.,

For page see List of Advertisers.

NIROKEN APHIS PUNK

Nicotina Mfg. Co., St. Louis, Mo.

For page see List of Advertisers.

NURSERY STOCK

P. Querkerck, Weehawken Heights, N. J.

For page see List of Advertisers.


For page see List of Advertisers.

W. & T. Leach, 800 Washington St., Boston, Mass.

For page see List of Advertisers.

Bunbbuck & Atkins, Rutherford, N. J.

For page see List of Advertisers.


Hardy, Northwood Stock. For page see List of Advertisers.

McHutchison & Co., New York, N. Y.

For page see List of Advertisers.

F. E. Cinnis Nurseries Co., New York, N. Y.

For page see List of Advertisers.

Dawson Nurseries, Cobalt, Canada.

For page see List of Advertisers.

for page see List of Advertisers.

E. L. Smith & Sons, New York, N. Y.

For page see List of Advertisers.

...Continued

NURSERY STOCK

P. Querkerck, Weehawken Heights, N. J.

For page see List of Advertisers.


For page see List of Advertisers.

W. & T. Leach, 800 Washington St., Boston, Mass.

For page see List of Advertisers.

Bunbbuck & Atkins, Rutherford, N. J.

For page see List of Advertisers.


Hardy, Northwood Stock. For page see List of Advertisers.

McHutchison & Co., New York, N. Y.

For page see List of Advertisers.

F. E. Cinnis Nurseries Co., New York, N. Y.

For page see List of Advertisers.

Dawson Nurseries, Cobalt, Canada.

For page see List of Advertisers.

for page see List of Advertisers.

E. L. Smith & Sons, New York, N. Y.

For page see List of Advertisers.

...Continued

NURSERY STOCK

P. Querkerck, Weehawken Heights, N. J.

For page see List of Advertisers.


For page see List of Advertisers.

W. & T. Leach, 800 Washington St., Boston, Mass.

For page see List of Advertisers.

Bunbbuck & Atkins, Rutherford, N. J.

For page see List of Advertisers.


Hardy, Northwood Stock. For page see List of Advertisers.

McHutchison & Co., New York, N. Y.

For page see List of Advertisers.

F. E. Cinnis Nurseries Co., New York, N. Y.

For page see List of Advertisers.

Dawson Nurseries, Cobalt, Canada.

For page see List of Advertisers.
In writing to Advertisers kindly mention Horticulture
Tobacco Paper

“NICO-FUME” LIQUID

OVER 40% NICOTINE

By far the CHEAPEST.

JUST NOTE PRICE!

Pint . $1.50
½ Gallon . 5.50
Gallon . 10.50

THE KENTUCKY TOBACCO PRODUCT CO.,
Louisville, Ky.

NIKOTEEB

The most effective and economical material there is for spraying plants and blooms.

NIKOTEEB PHOS PUNK

Specially prepared for fumigating closed houses, it vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphids so cheaply.

NIKOTEEB

Full Pint Bottles . $1.50

To-Bak-In Products Kill Bugs

You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder. (Booklet—Words of Wisdom—free.)

Use any form you choose but buy it of

E. H. HUNT, 131 N. Wabash Avenue, Chicago

Wilson Plant Oil & Fertilizer Company

ELIZABETH, N. J.
Horticultural Supplies

Write for our special Catalogue 50.

NIKOTEEB

The Best Bug Killer and Bloom Saver

FOR PROOF WRITE TO
P. R. Palethorpe Co.
OWENSBORO, KY.

KILMDEAD

The best of all the tobacco dusts for Dusting or Fumigating

Spray & Walter Co.
50 Barclay St.
New York, N. Y.

Dry and wet sprays, in 50 gallon, 100 gallon, 200 gallon and 500 gallon tins.

Spray your Trees and Do your Whiting Washing

Use Deming Soap Sprays. You can have a good crop of pears, peaches, cherries, apples, etc., if you keep your trees in good condition with De'ming Soap Sprays. Deming Sprayers are made of brass and are a protection against all insects and pests.

Imp Soap Spray

Clean and odorless. Forms invisible films. Non-corrosive. Useful effective strength, one to thirty-two.

Single gallons, $1.50
In barrels, $1.00

Eastern Chemical Company
Pittsburg Street
BOSTON

NIKOTEEB APHIS PUNK

Manufactured by

E. H. HUNT, 131 N. Wabash Avenue, Chicago

Flower Market Reports

(Continued from page 711)

WASHINGTON

Business during the past week was not as good as expected. With the thermometer below 20 degrees it was expected that things would begin to boom, but such was not the case. The Pure Food Show called for a considerable amount of cut flowers and plants and a number of large weddings added to the week's work. The Bane-Roosevelt and the Easterday weddings consumed over a thousand chrysanthemums and a large number of American Beauties and other stock. These latter are coming in fine shape and meet with a ready demand. There are lots of chrysanthemums on the market but they are moving at low figures. Roses are fairly plentiful and are of good quality. Lilies are in small demand and not many are being shipped into the city which means that few are lost through being unsalable. Orchids are a little more plentiful and selling better. In the case of carnations the demand equals the supply and the stock is improving daily, while greens are hanging fire. Sweet peas are starting to come in but in limited quantities. The amount of Hudson River violets is small in quantity but good and the S. L. Pennock-Meehan Co. are showing some exceptionally fine stock. Lily of the valley is moving well.
**List of Advertisers**

**Advertisements for Horticulture**

**Make the Farm Pay**

A publication on the farm journal that reviews all poultry and fruit papers in United States, will be sent on trial to one year to all who send 16 cents, to pay postage and postage, and names of the fruit papers you want.

THE REX COMPANY

HARRISBURG, PA.

**SITUATIONS WANTED**

**SITUATION WANTED** by expert rose growers with long experience in Europe and with special knowledge of rose hothouse. Address "C. 1", care HORTICULTURE.

**SITUATION WANTED** by commercial grower of roses, carnations, chrysanthemums and pot plants, and5 years' experience in the hothouse. Middle aged, married. Good references. Understands steam hothom. Address "J. F. M", care HORTICULTURE.

**SITUATION WANTED** In Massachusetts by an around florist of over 25 years experience in the sale of flowers. Capable of take full charge. Now in charge of a rose growing establishment. Reasonable wages and permanent position desired. Address "M. McG", care HORTICULTURE.

**FOR SALE**

FOR SALE—Fresh from factory, new 10 x 12, 15 x 18, 16 x 21, double thick, A and B grade. Marked with time and place of time to buy and save money. Partchles Bros., Int., 253-257 Harvemeyer St., Brooklyn, N. Y.

**OBITUARY**

John J. Murphy, employed by the South Park Floral Co., New Castle, Ind., died at an archon sprey after, 28.

Andrew Thurston.

Andrew Thurston, father of the manager of the Boston Flower Exchange, died at his home in Dorchester, Mass., on Nov. 4, aged 71 years. Two sons and four daughters survive him.

Henry Angermuende.

Henry Angermuende, employed for many years by J. H. E. Allen & Co., died on Nov. 10. He began in their employ as head porter and finally had charge of their tree-seed department, in which he has been very efficient. He was a German, of very good education, absolutely reliable and one whose business will be much regretted.

Elijah Hufsten.

On Oct. 26, Elijah Hufsten died at his home near LeRoy, N. Y., after a short illness. He was born near Lee, N. Y., in 1838 and was engaged in growing stock for the florist trade. He made a specialty of lilies and both imported and exported bulbs and plants and shipped over two thousand bulbs. He is survived by his wife, Elizabeth, and four brothers.

George C. Richmond succeeds him in business.

John R. Haldeman.

John R. Haldeman, organizer of the South Park Horticultural Society, and an authority in Missouri on orchard subjects, died in Springfield, Mo., aged 84 years. Mr. Haldeman was born in Daviess County, Mo., but much of his life was spent in Bloomington, Ill. He was a close friend of Abraham Lincoln, and an inventor of some note, one of whose inventions which he first perfected is widely used.

Stephen Taplin.

Stephen Taplin, retired florist and nurseryman, died at his home in De- techt, Mich., on Oct. 9. He was born in Overton, Hampshire, England, about 1833 and came to this country when about 35 years of age. He had been a resident of Detroit for many years. He died in his home at 962 West Fort street and a nursery of five acres in another section of the city. He is survived by his widow, one daughter and two sons.

Peter T. Devoy.

On November 6 Peter T. Devoy died at his home, 40 Worrall avenue, Poughkeepsie, N. Y. Mr. Devoy was a florist well known throughout the state. He was born on the Morse place on the South round, Poughkeepsie, where his father was employed for a number of years. His father established the firm of Thos. Devoy & Sons, which Thomas carried on after his father's death. He is survived by a widow, one daughter and two sons.

**THE HOME CORRESPONDENCE SCHOOL**


PULPNOITY and FRUIT REVIEW

A publication on the farm journal that reviews all poultry and fruit papers in United States, will be sent on trial to one year to all who send 16 cents, to pay postage and postage, and names of the fruit papers you want.

**THE HOME CORRESPONDENCE SCHOOL**


**Horticulture**

**List of Advertisers**

**Make the Farm Pay**

**SITUATIONS WANTED**

**SITUATION WANTED** by expert rose growers with long experience in Europe and with special knowledge of rose hothouse. Address "C. 1", care HORTICULTURE.

**SITUATION WANTED** by commercial grower of roses, carnations, chrysanthemums and pot plants, and5 years' experience in the hothouse. Middle aged, married. Good references. Understands steam hothom. Address "J. F. M", care HORTICULTURE.

**SITUATION WANTED** In Massachusetts by an around florist of over 25 years experience in the sale of flowers. Capable of take full charge. Now in charge of a rose growing establishment. Reasonable wages and permanent position desired. Address "M. McG", care HORTICULTURE.

**FOR SALE**

FOR SALE—Fresh from factory, new 10 x 12, 15 x 18, 16 x 21, double thick, A and B grade. Marked with time and place of time to buy and save money. Partchles Bros., Int., 253-257 Harvemeyer St., Brooklyn, N. Y.

**OBITUARY**

John J. Murphy, employed by the South Park Floral Co., New Castle, Ind., died at an archon sprey after, 28.

Andrew Thurston.

Andrew Thurston, father of the manager of the Boston Flower Exchange, died at his home in Dorchester, Mass., on Nov. 4, aged 71 years. Two sons and four daughters survive him.

Henry Angermuende.

Henry Angermuende, employed for many years by J. H. E. Allen & Co., died on Nov. 10. He began in their employ as head porter and finally had charge of their tree-seed department, in which he has been very efficient. He was a German, of very good education, absolutely reliable and one whose business will be much regretted.

Elijah Hufsten.

On Oct. 26, Elijah Hufsten died at his home near LeRoy, N. Y., after a short illness. He was born near Lee, N. Y., in 1838 and was engaged in growing stock for the florist trade. He made a specialty of lilies and both imported and exported bulbs and plants and shipped over two thousand bulbs. He is survived by his wife, Elizabeth, and four brothers.

George C. Richmond succeeds him in business.

John R. Haldeman.

John R. Haldeman, organizer of the South Park Horticultural Society, and an authority in Missouri on orchard subjects, died in Springfield, Mo., aged 84 years. Mr. Haldeman was born in Daviess County, Mo., but much of his life was spent in Bloomington, Ill. He was a close friend of Abraham Lincoln, and an inventor of some note, one of whose inventions which he first perfected is widely used.

Stephen Taplin.

Stephen Taplin, retired florist and nurseryman, died at his home in De- techt, Mich., on Oct. 9. He was born in Overton, Hampshire, England, about 1833 and came to this country when about 35 years of age. He had been a resident of Detroit for many years. He died in his home at 962 West Fort street and a nursery of five acres in another section of the city. He is survived by his widow, one daughter and two sons.

Peter T. Devoy.

On November 6 Peter T. Devoy died at his home, 40 Worrall avenue, Poughkeepsie, N. Y. Mr. Devoy was a florist well known throughout the state. He was born on the Morse place on the South round, Poughkeepsie, where his father was employed for a number of years. His father established the firm of Thos. Devoy & Sons, which Thomas carried on after his father's death. He is survived by a widow, one daughter and two sons.
POT MAKERS FOR 140 YEARS
WORLDS LARGEST MANUFACTURER
WRITE FOR CATALOGUE AND DISCOUNTS
A. H. HEWS & CO., INC.
Main Office and Factories
CAMBRIDGE, MASS.

DREER’S “Riverton Special” Plant Tub
No. Diam. Each Doz. 100
10 20 in. $1.15 $180.00 $20.00
20 10 1.75 1.75 20.00
30 15 2.00 2.00 30.00
40 10 1.00 1.25 25.00
50 12.50 .45 5.00 40.00
60 10 .38 .40 32.00
80 8 .30 .25 24.00

Manufactured for us exclusively. The best tub ever introduced. The nestest, tightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handles.


Syracuse Red Pots
“A little pot is soon hot,” likewise a thin pot. This will save you fuel. Our pots are the thinnest and toughest owing to the superior quality of the clay.
New price list on application.
Syracuse Pottery Co., SYRACUSE, N.Y.

STANDARD FLOWER POTS
If your greenhouses are within 50 miles of the Capitol, write us, we can save you money.
W. H. ERNEST
28th & M Sts., Washington, D.C.

ALL THE CLAY FROM OUR OWN FLOREST’S RED POTS
Florist’s Red Pots is prepared by passing through a screen 100 meshes to the square inch. If in a hurry for pots, order from us.
ERIE PETERS & BEEU POTTERY CO.
Zanesville, Ohio

EXTRA TAPES
Trademarks and Copyrights
Send your business direct to Wash, n. C.
Saves time and labor. Better service. Personal attention guaranteed. Twenty-five years’ service.
SPECIALTY: “Working on the Failures of Others.”
B. B. S. & S. B. WABY LAWYERS
Box 9, National Union Building, Washington, D. C.
KROESCHELL BOILER
Half the Coal and Half the Work.

"Your No. 13 boiler is carrying 25,000 sq. ft. of glass and I can keep it at 60 degrees in the coldest weather without any trouble. I have three other types of boilers also heating a range of 25,000 sq. ft. of glass, but the No. 13 Kroeschell Boiler only takes half the coal and half the work to get the same results."

J. G. FRISZ, Vincennes, Ind.

P. S.—Mr. J. G. Frisz, of Vincennes, Ind., has the largest range of glass in Indiana devoted to vegetable forcing.

KROESCHELL BROS. CO., 466 W. Erie St., Chicago, Ill.

LOUISIANA RED CYPRESS
GREENHOUSE MATERIAL

STEEL GUTTERS, TRUSSSES, PURLINS, PIPE, FITTINGS, GLASS, Etc.

PRIVATE AND CONSERVATORY
WORK A SPECIALTY.

The Foley Manufacturing Co.,
Western Ave. and 26th St., CHICAGO

DON’T LET PRICE BE THE ONLY CONSIDERATION
KING GREENHOUSES
SATISFY THE MOST DISCRIMINATING BECAUSE THEY ARE STRONG AND LASTING AND EASY TO KEEP IN REPAIR, THEY KEEP YOU FROM WORRY AND GIVE YOU TIME TO GROW THINGS AND THAT IS WHAT A GREENHOUSE MAN WANTS SEND FOR QUESTION BLANKS

KING CONSTRUCTION CO.
Home Office and Factory
N. TONAWANDA, N. Y.

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST

PARSHESKY BROS. CO.
No. 1 MADISON GARDENS, N. Y.

SHARP, PARTRIDGE & CO.
Are Leaders in GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.

BOSTON PLATE & WINDOW GLASS CO.
Greenhouse Glass
GERMAN AND AMERICAN

261-267 A. St. BOSTON 20 to 22 Canal St.

SELECTING VENTILATING APPARATUS FOR GREENHOUSE EQUIPMENT IS A SERIOUS PROPOSITION. TO BE ABLE TO MAKE AN INTELLIGENT SELECTION, IT IS NECESSARY TO STUDY AND EXAMINE THE DIFFERENT DESIGNS. INVESTIGATION IS ALL WE ASK FOR OUR MACHINES; SIMPLY AN OPPORTUNITY TO EXPLAIN OR DEMONSTRATE THE MERITS OF OUR CONSTRUCTION.

WRITE FOR CATALOG "J"
Hitchings & Co.

Spring and Louisa Streets
ELIZABETH, N. J.

LILUM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of HarrisII in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6-7 inch bulbs, 325 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.
7-9 inch bulbs, 200 to the case, $16.50 per case; full thousand lots, $75.00 per 1,000.
9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $125.00 per 1,000.

FERNS

We have an exceptionally nice lot of ferns in the following varieties—good, husky, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-in. pots .................. $0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis, and HarrisII, heavy 6-in. plants ............... $1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis, and HarrisII, heavy 10-in. plants .................. 2.50 each

F. R. PIERSOON COMPANY, Tarrytown-on-Hudson, NEW YORK
Clematis Montana var. Rubens

DEVOTED TO THE
FLORIST, PLANTSMAN, LANDSCAPE GARDENER AND KINDRED INTERESTS

PUBLISHED EVERY SATURDAY AT 11 HAMILTON PLACE, BOSTON, MASS.

SUBSCRIPTION, $1.00 PER YEAR
"IT'S RICE FOR QUALITY AND PRICE"

RED CHRISTMAS GOODS

Don't delay ordering any longer? Check up your stock and see that you are well supplied with goods in RED—the REAL CHRISTMAS color. In spite of our tremendous business in these goods we can still supply you promptly with

- Red Poinsettias
- Red Beech Sprays
- Red Porto Rican Mats
- Red Water Proof Crepe Paper
- Red Ribbed Pleated Paper
- Red Cape Flowers
- Red Ruscus Wreaths
- Red Cut Flower Baskets
- Red Plant Baskets
- Red Pot Covers
- Red Ferneries
- Red Ribbons
- Red Chiffons

We can also fill all your requirements in Magnolia Leaves—green and brown, Cycas Leaves, Laurel Leaves, Natural Prepared Ferns, Netting, Moss Crosses, Laurel, Magnolia, Cycas and Moss Wreaths. You ought to order some of the new Diana and Atlas Wreaths.

Send in your order today so that you will have them in time to make an attractive Holiday display. Be prepared for every demand. Buy from the leading supply house. Our supplies will make good for you. Reasonable prices and on-the-minute service.

Manufacturers—Importers—Originators

M. RICE & CO. 1220 Race Street PHILADELPHIA, PA.

THE LEADING FLORISTS' SUPPLY HOUSE AND RIBBON SPECIALISTS

Again WERTHEIMER BROTHERS emphasize their supremacy as creators of meritorious fabrics

WERTHEIMER RUBBER BACKED SATIN RIBBON

Used for wrapping bouquet stems. Eliminates tinfoil. PRACTICAL, SIGHTLY, LOW PRICED

A fraction the cost of corsage shields. Write for a sample piece on approval to test its merits

RIBBON CORSAGE TIES

Some with bows, some with tassels, some with gold trimmings, some embroidered, in fact, a most creditable variety. We will send anywhere on five days' approval a line of samples costing you $10, enabling you, should you desire, to make up a larger order therefrom. This sample line embraces ties for Violets, Valley, Sweet Peas, Orchids and other corsage flowers.

We will send a variety, or all of certain shades if desired, a splendid assortment at very reasonable prices.

XMAS RED RIBBONS and CHIFFONS

We will send on five day's approval a $25.00 assortment embracing our latest creations. Specify when ordering whether you desire us to include holly green and also whether you wish all ribbon or all chiffon. You may be surprised at the variety and beauty of the selection we send.

KEEP IN TOUCH ORDER TO-DAY

WERTHEIMER BROTHERS, The National Floral Ribbon House 565-567 Broadway at Prince St., NEW YORK

Mention Horticulture when you write

HYBRID ORCHIDS

FLOWERED AND UNFLOWERED...

Julius Roehrs Co.

Rutherford, N. J.

GYPRIPIEDM CAUWATUM

We have received a small importation of this almost extinct orchid and can offer a limited number of same at moderate prices. Write for particulars.

LAGER & HURRELL, SUMMIT N. J.

ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World

SANER, St. Alban's, England and 256 Broadway, Room 721 NEW YORK CITY

In writing to Advertisers kindly mention Horticulture
MISCELLANEOUS GREENHOUSE PLANTS for Immediate Shipment

Special prices made on large lots.

2-in. per 100, 3-in. per 100

<table>
<thead>
<tr>
<th>Plant</th>
<th>Size per 100</th>
<th>Price per 3-in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABUTILON SAVITZI</td>
<td>2.00</td>
<td>$0.50</td>
</tr>
<tr>
<td>ACERANTHEA EMERSONI</td>
<td>2.00</td>
<td>$0.50</td>
</tr>
<tr>
<td>ALTERNANTHEA, six varieties</td>
<td>2.00</td>
<td>$0.50</td>
</tr>
<tr>
<td>BEGONIA VERNON</td>
<td>2.00</td>
<td>$0.50</td>
</tr>
<tr>
<td>COLEUS, twelve varieties</td>
<td>2.00</td>
<td>$0.50</td>
</tr>
<tr>
<td>Hardy English ivy, five varieties</td>
<td>2.00</td>
<td>$0.50</td>
</tr>
<tr>
<td>GERANIUMS, standard varieties</td>
<td>2.00</td>
<td>$0.50</td>
</tr>
<tr>
<td>HYDRANGEA, fire varieties</td>
<td>2.00</td>
<td>$0.50</td>
</tr>
<tr>
<td>LEMON VERBENA, Moschei chrysanthea</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>LORELIA, Kathleen Natalia,</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>LANTANA, twelve varieties</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>MANDRADE, white</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>PEONIA, double fringed, white</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>PERSIA, Bistort and Zurich</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>PARADISO, Senecio Scavennus</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>PRIMULA CHINENSIS, two dozen</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>PRIMULA, white</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>SACHA, Bistort and Zurich</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>SATIVA, Randell and Jones</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>TRADESCOANTHA ZEBRA, MULTI-</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>TULIP</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>VERBENA, Red, White, Blue and</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>stalked</td>
<td>2.00</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

Cash With Order Please.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

ROSES
OWN ROOT—FINE STOCK

Per 100
Richmond, from 3 in. pots $5.00
Pink Killarney, Chatam, Sunrise, Sunset, from 3 in. pots $5.00
Bride, Bridesmaid, Golden Gate $5.00 per 100, $5.00 per 100

GRAFTED Fine Stock, 3 in. pots $5.00 per 100, $5.00 per 100
Pink Killarney, White Killarney, Bride, Bridesmaid, My Maryland

WOOD BROS., Fishkill, N.Y.

FOR COLD FRAMES

STRAW MATS
6 x 6, $1.50, $17.00 doz.

BURLAP MATS
6 x 6 3/4, $1.20, $14.00 doz.

WM. ELLIOTT & SONS,
42 Vesey St., New York

CARNATIONS

FIELD GROWN FINE, HEALTHY STOCK

Beacon $6.00
Bay State $6.00
Mrs. T. W. Lawson $5.00
Red Lawson $4.00
Variegated Lawson $4.00
Winson $4.00

R. G. HANFORD, New York, Conn.

CHRYSANTHEMUMS

We are booking orders for early delivery of all the best Commercial and Exhibition varieties, either new or old. When in need remember we make Chrysanthemums a specialty.

ELMER D. SMITH & CO.
Adrian, Mich.

NO BETTER FERNS

Are to be found than those we now offer. They are well grown, full and bushy. The best varieties, price $2.00 per hundred. Dracaena Sander, varigated white and green, an ideal center plant, prime stock $2.00 per dozen, $2.00 per hundred. We use great care in packing, and have scores of regular customers through the South and East. May we send you a sample shipment?

Cash please or satisfactory references.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Chicago Carnation Co.
30 E. Randolph St.
CHICAGO - ILLINOIS

LORRAINE BEGONIAS

Strong 3/4 in. stock, ready for 3/4 in.
Per 100, 10.00; 250 at 11.00 per 100.

THOMAS ROLAND,
Nahant, Mass.

HERBERT, ATCO, N. J.
DAHLIAS Every Day in the Year

CHICAGO HORTICULTURE'S Special Holiday Trade Number is the best salesman for you. Send copy soon as possible.

F. R. WADSWORTH
Northboro, Mass.

In ordering goods please add "I saw it in HORTICULTURE."
NEW CHRYSANTHEMUMS

Our list this year will be of the usual high class order.

Mrs. Gilbert Drabble, Annie L. Angus and Mrs. A. M. Henshaw, three exhibition whites bound to made good.

Mrs. Harry Turner and Mrs. R. D. Foote, splendid additions to the crimson class.

Mrs. Peter Duff and Mrs. Geo. Burke, old rose and bronze.

Ramapo, the commercial yellow that will take the place of Col. Appleton.

NEW ROSES

SUNBURST. This “King of the Yellows” has received two Silver Medals and ten First Class Certificates this fall. Is far away ahead of any yellow we have at the present time.

NEW CARNATIONS

WODENETHE, the peerless white, and BROOKLYN, a fine commercial pink.

Come and see these varieties growing

CHAS. H. TOTTY, MADISON, N. J.

THE LATEST SILVER MEDAL ROSE

The new Sargent rose, originated by Jackson Dawson, now offered for the first time for fall 1912 delivery

This seedling combines the good qualities of R. Wichuraiana, R. Crimson Rambler and R. Baroness Rothschild which have been used in its evolution. The flowers are single, about three inches across, pale rose in color and produced in greatest profusion in pyramidal clusters all along the strong branches, blooming from the middle of May till end of June. The foliage is a beautiful glossy green and remains in good condition till late fall.

As this stock is limited book your orders early. $1.50 each

Eastern Nurseries, 1090 Center St., Jamaica Plain, Mass.

HENRY S. DAWSON, Mgr.

ROEHRS

Azaleas, Palms, Lorraines, Crotoms

RUTHERFORD, N. J.

Boston Ferns 2½ in. $3 per 100; $30 per 1000

Whitmani $5 per 100; $40 per 1000; 250 at 1000 rates


Araucaria Excelsa

5 in., 3 to 4 tiers, 40c. and 50c.; 5½ to 6 in., 4, 5- and 6 tiers, 60c., 75c., and $1.00; 7 in., 25, 30, 40 and 50 in. high, for lawns and porches, $1.50 to $2.00.

Cash with order, please.

Godfrey Aschmann

Wholesale Grower, Shipper and Importer of Pot Plants.

1012 West Ontario St., PHILADELPHIA, PA.

PALMS, FERNS AND DECORATIVE PLANTS

JOHN SCOTT

Rutland Road and E. 45th St. Tel. 890 Bedford BROOKLYN, N. Y.

ASPARAGUS HATCHERI

The new Asparagus. Beats the old plum-

nana names in every respect. From 2½-
hich pots, $15 per 100.

A. N. Pierson, Inc.

CROMWELL, CONN.
Physostegias

Physostegia, syn. Draccecephalum, or—as the common name of this hardy herbaceous plant genus reads—False Dragon-Head, is one of our best tall-growing midsummer perennials. Of erect slender growth, attaining a height of from 1½ to 4 feet, it is an ideal border plant, also well adapted for the wild flower garden. The foliage, of extra-ordinary substability, on thrifty plants shows a dark vivid green. Best known in gardens both here and abroad is the original form Physostegia virginica with its white flowering descendant, P. virginiana alba. Both flower during July and August, producing attractive terminal spikes of thinly set blossoms of rosy-lavender or pure white. Their value as effective material for filling vases is increased by their wonderful lasting quality. The flowers in the vase shown on our illustration had been cut nearly a week before the picture was taken and remained fresh in appearance for several days thereafter. In formal gardens and on the mixed borders on lawns and in parks physostegias should be planted rather closely so as from the very start to form a thick mass of stalks. The roots of this perennial have to some extent a rambling habit of growth and for this reason physostegias can be very easily propagated by divisions.

Of more recent introductions I mention Physostegia alba grandiflora representing a decided improvement over the common white form, and a low growing variety listed as nana compacta and said to be freely branching.

The fact that the number of tall midsummer flower-

New Chinese Plants in England

It has occurred to the writer that a few remarks concerning the Chinese plants introduced by Mr. Wilson and their behavior in English gardens may be of interest to American readers as all the plants of this collection were received from the Arnold Arboretum, Boston, Mass., through the generosity of Professor C. S. Sargent, Director of that famous institution.

To illustrate what has been achieved with these plants and the high estimation in which they are held in this country we might refer our readers to the two groups which have been exhibited before the Royal Horticultural Society in two successive years, and on each occasion the highest award of the Society, namely a gold medal, was given. It would be impossible here to speak of the merits of each variety in such a rich and varied collection but it is most gratifying to find that nearly the whole of them withstood the severe winter of 1910 without the slightest protection in the open, and I think there is every reason to believe that the large majority will prove absolutely hardy both here and the United States if proper attention is given their younger stages.

Many of the plants in this collection were transplanted in their early stages of growth and have now made fine specimens. Special mention might be made of Atlanticis Vilmariae, a new Paulownia, Cedrela sinensis, Eucoma mahou—this hardy rubber tree—several of the new Cherries, Fuchsia, Echordha Giral-

Physostegia virginica

ing species of hardy perennials is limited places physostegias in rank with the aconitums, helianthus and phloxes. They should by all means receive due consideration in all cases where herbaceous plantations of some extent are planned for they help to give the total aspect variety when it is needed. According to my observation an open sunny exposure is preferable in the North while south of New York I have found physostegias thrive equally well in partly shady positions. Care must be taken that the plants receive sufficient water during prolonged hot and dry weather.

Northeast Harbor, Maine.

Richard Rothe

The exhibition season is now on the wane. What have we learned from the experiences of this year’s shows? What deductions can be drawn that will be valuable for future guidance so that the direct usefulness of these events shall be enhanced and that the best results may be attained. Our readers’ answers to this query would probably be as diverse as their own individuality. Should there be any who have learned nothing, then so far as they are concerned the exhibitions have to that extent failed in their mission. Exhibitors—whether successful in prize winning or otherwise—managers and promoters, judges, visitors—whether professional or of the general public—for each and every one the experience of each year should impart its lesson—knowledge not before possessed—and for the future, purposes and aspirations of which the stimulating motive is a desire for advancement. Now is the right time, while the memory is fresh, the critical spirit still active and people are yet in the mood to listen or to read, to tell your friends frankly and without prejudices, where and how in your opinion improvement may be made. The subject is surely a prolific one.

While penning the foregoing we reverted to a quote of a lively discussion, to which we recently had the pleasure of listening, between some observant and progressive-minded gentlemen as to the justice of the judges’ decisions in making their awards to exhibits “arranged for effect” on a certain occasion. A fair unanimity was expressed as to the number of points variously credited as per the scale by which the judges had been governed, excepting as to the item of “arrangement” which in the case under discussion was, of course, a weighty factor. On the judges’ figures on this point the debaters split and the basis of their contention was their several interpretations of the word “arrangement.” Now, one great aim in all rules of competition and judging should be to make everything so clear that the possibility of misunderstanding on the part of exhibitors, judges or public should be reduced to a minimum and here seems to be a place where there is room for improvement. To a man of a certain temperament, color harmony will be of paramount importance and no group of plants or flowers, however well placed otherwise, will gain his commendation if it so be that his color sense is shocked. To another it may be mainly a question of form—precise balance or rambling irregularity? To an other the compliance with certain rules as to the natural habits of plants—certain rules, for instance, the fact that an epiphytal species on the ground level and a terrestrial species in an elevated position in an orchid group, would be faulty and inadmissible arrangement in the estimate of the last named—and so on. In view of these facts and the dissatisfaction which have developed at times why not drop this ambiguous word “arrangement” from our scales of points and adopt subdivisions which will tend to eliminate these sources of trouble. Scale of points are a great advance over the old impressionist method of judging, but that they are not yet perfect will, we think be generally admitted.
Seasonable Notes on Culture of Florists' Stock

ALIAMANDAS

It is time now to discontinue all syringing of these plants, and admit more air, which will be essential at this stage for the ripening of the wood. Be careful not to give too much water at the roots even if the plants do flag considerably. Just enough of water should be given to keep the shoots from shrivelling. Let this ripening process be done gradually, allowing the soil to get a little drier after each time, before water is given again. The foliage will after a while turn yellow and fall off. During this restful treatment aliamandas should not be exposed to a lower temperature than 60 degrees at night as they are tropical plants. For the ensuing six or eight weeks they can be kept under these conditions and by holding some of the plants back and starting them late they can be made very useful during the summer months.

ASTILBE JAPONICA

These plants which are now arriving should be promptly unpacked and headed in a frame, giving them a covering of straw or long manure to keep the ground in a condition that will facilitate their removal when needed. No forcing of spiranes should be attempted until after the holidays. They can be forced into flower in 8 or 9 weeks with a good deal of heat, but it is better to allow them 10 to 12 weeks and you will have better plants with finer bloom when not hurried with too much heat. Start with a temperature of 15 degrees at night and you can keep on increasing the temperature until it has reached 60 degrees. For potting you can use 5, 6 or 7-inch pots or whatever size that will hold the roots comfortably. Before potting give the clumps a dipping in a tub of water so the ball will be soaked thoroughly as ordinary watering will not easily penetrate the thick mass of roots.

COVERING HERRICK'S BORDER, ETC.

For a protective covering of your herbaceous border there is nothing better than dry forest leaves, loosely scattered through and over the hardy plants and some coarse manure spread over the leaves to prevent their being blown away. This covering need not be done until the ground has frozen to a depth of several inches. All the beds holding outdoor bulbous plants such as lilies, Holland bulbs, etc., will need a good surface covering of litter or manure spread evenly over the beds. All evergreen shrubs other than conifers that are for the embellishment of public and private grounds can be carried through the winter in good shape by a covering of straw, hay, or tree leaves of ample thickness to keep hard frost away from their roots. Rhododendrons that are planted in a favored position such as under wide spreading trees well sheltered from high winds by thickets of shrubbery will not need much protection, but those that are planted in an exposed position should be screened or have a partial protection with some light loose material against the unwelcome rays of the winter sun.

CYCLAMEN

Plants that are intended for flowering at Christmas should have the earliest flowers showing color now. Every additional flower carried by these plants will tend to make them more salable so give them a location as near the glass as possible. To keep the foliage in good shape, which is a desirable attribute of every plant, they should be spaced often so they will have plenty of room to develop. It also keeps them in a symmetrical form. Those that are well advanced can be kept in a temperature of 50 degrees, but those that are rather slow to flower should be given 55 degrees with full light so as to send them along, but do not exceed this heat, which would make them draw up and become weak. Now that we have cool weather they will not need any more shading, except during a short warm spell when a little cheesecloth will break the direct rays of the sun. They like a free circulation of air at all times. Fumigate on the first sign of green fly or thrips. Plants that you are holding back for spring flowering can be kept in a house with a minimum temperature of 10 degrees at night. When the young seedlings have made a growth of two or three leaves, they can be transplanted into flats. Use a light compost of one-half loam, one-half leaf-mold, with the addition of some sand. Keep these little seedlings in a house that stands 60 degrees at night as they like a warmer place than the old plants. So that they will not draw and spindles they should be kept on a shelf near the glass.

LILIUM SPECIOSUM

When the bulbs arrive put them up into 6-inch pots or what is still better use 8 or 9-inch pots, using three bulbs to the former and five to the latter. Use a porous loam that is liberally enriched with old manure. No forcing will be needed: it will be more of a problem to retard, so keep them out in a deep frame or pit as long as possible. When they have made two or three inches of growth place them in the coolest house you have where they can have abundant ventilation. Water will have to be administered with discretion when grown in this cool temperature until the days become longer and the sun stronger. Keep your temperature anywhere from 38 to 40 degrees and this will hold them back until late.

OUTDOOR ROSES

Beds of outdoor roses are better for having a liberal coating of long manure around the base of the plant, forming a cone about a foot high, and then dry leaves strawed thickly among them after the ground is somewhat frozen. Tender climbers relied upon for next year should have all the new shoots carefully bent down and buried with or without salt-hay, as earth is the cleanest and altogether the most reliable material for covering these plants during the winter. Even beds of the more tender sorts of everblooming roses can be safely carried through the winter under a cover of fresh soil. The strongest growths should be weighted down with something to hold them, and then loose soil shoed in between and on the plants to the depth of 8 to 10 inches. After this has had a few hard frosts give them a coating of dried leaves about a foot deep.

John J. M. Farrell

Mr. Farrell's next notes will be on the following: Articles for Christmas; Care of Christmas Roses; Holiday Suggestions; Pot Pur- suites; Pot Plants; Fruits and Vegetables for Christmas, etc.

G. H. Benson's notes on Fruit and Vegetables Under Glass are omitted this week. In next week's issue he will cover the following subjects: Strawberries; Melons; Peaches and Nectarines in Pots; Pot Vines; Beans and Spinach.
FRENCH CHRYSANTHEMUM SOCIETY.

On October 26th, the above named Society held its 16th Annual Show and Congress at Biarritz, France. The show was practically organized by M. Rodrigues, President of the Gascogne Golf Club, with the assistance of the French Horticultural Society. The heartiest thanks as well as those of all the visitors are due to that gentleman for his genial and sympathetic reception. The various exhibitions were under the most hospitable character and lasted during four days.

The show was international in character, M. Martinet and M. Blot, both of Paris, were the Presidents of the Jury. The Vice-Presidents were Senator Alfred de la Pena of San Sebastian, who represented Spain and Mr. Herne Payne who did the same for England. The Secretary General of the Jury was M. Philippe Rivoire of the French Chrysanthemum Society.

The French exhibit moved over the Jury repaired to the Grand Hotel fronting the sea and there in a lovely salon with every pleasant surrounding were exhibits of the most various kinds. M. Martinet presided. M. Rodrigues offered a cordial welcome. Other speakers were M. Riveau and Mr. Harman Payne. Then the show was opened at the Casino for the opening ceremony, at which the orchestra out of compliment to the foreign visitors played the grand overture. There were several interest- ing collections and likewise the Marseillaise.

The entrance to the Casino is through a gateway in an ornamental wall which leads to a real aviary. Then the visitor finds himself at the entrance door and passing through the vestibule gets a splendid view of the show from the top of the grand staircase consisting of a double flight of steps.

The first grand prize of honor was awarded to Vilmerin Andreux & Co. for its choice collection of chrysanthemums. Second place was awarded to M. Blot, both of Paris. The bronze medallion of special merit was awarded to M. Martinet.

The next important lot came from Messrs. Solberg and Mme. Hettiae, who staged a beautifully decorated side hall with the table decorations. We certainly never saw the like. From the centre chandelier there were festoons of vine leaves having electric lamps, and these festoons were distributed round the four corners of the hall. Great attention was paid to the table cloths, brass shades and glass ware on the tables. Everything, even to the flowers, were of the same shade. There was a large central table decorated with several interesting collections. Between the tables there was a series of three circular tables in which each had its special feature of color designs in lily of the valley, roses, azaleas, carnations, orchids, lilies, etc. The windows of this hall were decorated with bamboo and pots of chrysanthemums on pedestals at intervals. The second grand prize in the contest was awarded for this truly grand display.

The third chief prize was awarded to M. Rodrigues who staged a most meritorious group. We noted among them some very fine blooms. He was also the exhibitor of several other groups of dahlias, roses, etc., which contributed materially to the beauty and success of the exhibition. Another excellent exhibit was by M. Bonnet. Just off the main corridor in a side room were several interesting clumps of chrysanthemums in all sorts of quaint forms, a practice much in vogue with French growers just now. Other exhibitors who took the prize were M. Ronnagac who had a fine lot of cut blooms also a tall stand of roses. Some good cut blooms came from M. Pfeudt (gard. to Contes).

Going casually around the show we should say that big exhibition blooms were not so numerous as would be seen at an English show. But this was no defect for the happy way in which every exhibit was arranged more than compensated for what would have been more haphazard. An usual in France then are no show boards and no tables. Briefly we may say without dealing with individual exhibitors that both the flower men from the English county of Leicestershire and the late M. L. Druerisit, Australic, Mprov- ence, Alhove XIII., Mrs. C. H. Tett, Raynaud, Allegro, Miss Dalton, Mr. R. C. Etton, Lady Hesperia, Perea de Bievre, Paul Randet, Ant. Marmonnal, Nathalie Bourceul and a few others.

Quite a number of exhibitors entered in the class for souvenirs. The prizes awarded were: Prix d'honneur to the Calvat Establishment (M. Renny, director); prix d'honneur to Alfred Chaptal (M. D. F.) and hundred francs to Messrs. Delbois, Prioux, Galiinier, Brondel, Heraud, And- dier, Leroix, Lafitte and Radclen.

Floral arborists were well done. They nearly all came from the florist firm of Golos Freses of Biarritz. Several of their exhibits were really splendid. We should like to say a word about the miscellaneous classes. M. A. Ronnagac showed Nephrolepis in variety; M. Larusse showed a range of Chrysantheum Rex and H. Pietaven- sis. There was a good lot of carnations staged by Labaste Brothers.

Exhibitors of dahlias made a rich contribution to the show. We must refer to the large and varied collection of Messrs. Labaste Freses, mostly cactus varieties. M. Rodrigues had a long collection arranged on the ground level of cut blooms that practically carpeted the floor.

Fruit and vegetables were shown in moderate quantity.

C. HARMAN PAYNE.

S. W. Strickland, gardener for Miss Caroline Hazard, Oakwood green- houses, was awarded the first prize in the professional class for the collection of chrysanthemums at the annu- al chrysanthemum show of the Atlanta Circle of King's Daughters, held at Peachdale, R. 1., Nov. 3. The second award was made to Arthur Dixon, Carnesville, Ga., and the third to J. C. Stillwell, gardener for Miss Caroline Hazard, of the same city. The prize is given to the owner of the most beautiful house. The first prize was awarded for an exhibit made in all classes. The exhibition of plants and vegetables were held at the residence of Miss Florence Northup and Charles Yost. The judges of the professional classes were Mrs. V. G. Gould, Mrs. Arthur Dixon and Miss Florence Northup.

ELBERON HORTICULTURAL SOCIETY.

Editor HORTICULTURE: Attention having been called to the report on the Third Annual Chrysanthemum Exhibition of the Elberon Horticultural Society for the year 1911, which appears in your issue of Nov. 11th, and covers the subject up to the 7th, we find that the exhibition on the 7th crowded the presence of both the members and those who are interested in horticulture. The display of various flowers and vegetables was greatly improved during the week, and we have no doubt that they will make a splendid display at the Elberon show. The show was printed on the first day of the week, and the arrangements were made for the reception of visitors and the sale of flowers and vegetables as before. The show was held in the grounds of the Elberon Park, which was kindly furnished by the Elberon Agricultural Society, and the arrangements were made for the reception of visitors and the sale of flowers and vegetables as before. The show was printed on the first day of the week, and the arrangements were made for the reception of visitors and the sale of flowers and vegetables as before.
The regular monthly meeting of this Society was held on the 21st inst. in the Horticultural Palace, Philadelphia. Routine matters in connection with the recent flower show took up most of the time. These were of no interest to the general public need not be chronicled here. The nomination of officers also took place, and resulted as follows:

President—C. R. Newbold.
Vice-President—Jandal Morgan, Dr. J. Chester Morris, Henry F. Michell, Robt. Craig, J. Otto Thillow.
Treasurer—S. W. Keith, F. J. Michell, E. H. Neubrand, Cornelius S. Harstra, and James Dillon: librarian, Henry C. Bout. The matter of holding a banquet, as has been the practice in the past, was approved, and a committee consisting of President E. A. Appleton, Alexander Macrae and Michael Swift was chosen to carry out the arrangements and report thereon together with the date at the next meeting.

S. A. G.

**Horticulture**

**CLUBS AND SOCIETIES**

**Pennsylvania Horticultural Society.**

The regular monthly meeting of this Society was held on the 21st inst. in the Horticultural Palace, Philadelphia. Routine matters in connection with the recent flower show took up most of the time. These were of no interest to the general public need not be chronicled here. The nomination of officers also took place, and resulted as follows:

President—C. R. Newbold.
Vice-President—Jandal Morgan, Dr. J. Chester Morris, Henry F. Michell, Robt. Craig, J. Otto Thillow.
Treasurer—S. W. Keith, F. J. Michell, E. H. Neubrand, Cornelius S. Harstra, and James Dillon: librarian, Henry C. Bout. The matter of holding a banquet, as has been the practice in the past, was approved, and a committee consisting of President E. A. Appleton, Alexander Macrae and Michael Swift was chosen to carry out the arrangements and report thereon together with the date at the next meeting.

**S. A. G.**

**ARE YOU WITH US?**

Members and Friends of the Sweet Pea Society of America:

Plans have been made to hold our annual meeting and exhibition jointly with the Massachusetts Horticultural Society on July 15th and 16th next. As president of this society it is my desire that it should be the finest exhibition of its kind ever held. Features are ready and an exhibition of this character has been attempted before. If you have a piece of land available where you could grow some sweet peas for this show, as I am sure you can, you can have your name placed on the list of donors at a cost of $5.00.

**Massachusetts Horticultural Society.**

At the annual meeting of this society on Saturday, November 1st, an unusual attendance was secured, the purpose being to insure the election of certain candidates for the board of trustees. Officers were elected as follows:

President—Charles W. Parker, president; Walter Hanenweil, vice-president; Richard N. Sallontiall, secretary; Theobald, Wm. F. Hall, Thomas Roland, Charles S. Sargent (for three years), trustees; Wilfred Wheeler, delegate to State Board of Agriculture; Louis Biddle & Franklin; Walter G. Kendall, C. Minot Weld and Frank Wheeler, nominating committee. The secretary and treasurer will be elected at the next meeting.

The sum of $900.00 was appropriated for prizes and gratuities for the year 1912.
Horticulture

November 25, 1911

INTERNATIONAL CHRYSANTHEMUM CONGRESS AT BIARRITZ.

On the afternoon of the opening day the Jury and Congressistes were officially received in one of the salons of the Grand Hotel Biarritz. M. Rodrigues, the Sociable President of the Spanish Chrysanthemum Society, warmly welcomed the visitors. On the following morning the first sitting was held. M. Rodrigues proposed that M. Viger, Senator and President of the French Chrysanthemum Society, should take the chair. The Bureau of the Congress was then constituted, the following being invited to sit on the platform: Messrs. Rivoire, Rosain, Dubreuil, Chambrier, Rodrigues and Harman Payne. Among the audience which was numerously we noticed a great many of the well known French chrysanthemum men.

The proceedings commenced by M. Dlot being called upon to read a paper on the subject of a pocket edition of the Repertoire des Couleurs. A handy pocket edition would be a valuable work for florists and its utility was fully discussed. The next paper was read by M. Decault on the most appropriate time for "taking the bud." The third paper was read by D. Chifflet, who dealt with the insect pests and diseases that attack the chrysanthemums. M. Cropin, alluding to the heat of the past summer, stated that all its plants grown in pots out in the open were spoiled, the buds being quite abortive, those grown under shelter being better. Mr. Harman Payne stated that in America, although the chrysanthemum is a hardy plant, it was grown in greenhouses and in benches and that the English grower, Mr. Wells, had partly adopted the practice and was satisfied with his results. Mr. Payne thought this method might prove advantageous to French growers, especially those who lived in the south.

D. Chifflet read several letters from growers complaining of the effect of the dry summer and great heat on their plants. There were two papers read under the subject of "Manures for Chrysanthemums."

Medals were voted to various members for past services and it was resolved that the town of Nantes should be selected for the Congress of 1912.

The same evening a banquet was held at 839 P. M. M. Viger presided. A large number of distinguished local and other visitors attended the gathering which took place at the Grand Hotel. The Mayor of Biarritz, M. Martinet, M. Rodrigues, M. Rivoire, Mr. Harman Payne and others were called upon to speak.

On Saturday, October 28th, about 89 of the Congressistes assembled at the station to go to Hendaye, a little seaside place on the Spanish frontier. The party were rowed across the Bas-rxasso in boats to visit the old Spanish town of Guernchia, returning by the same way to Hendaye. Here at the newly erected Hotel Eskualdauna the party were entertained at lunch by Mr. Martinet. Train was then taken for San Sebastian where the sights were seen, including a visit to the King of Spain's Palace of Miramar and its gardens. Four friends of Mr. Martinet being amongst those light-hearted sons of the sunny South, beguiled the journey with singing their mountain songs in patios, old and young, men and women, joining in most heartily.

Sunday was the last day of these festive proceedings. M. Rodrigues presided at the morning session and after the distribution of the prizes we went off to Bayonne and spent the day with M. Alfred Chanbrier of Bayonne, who is a well known French raiser of new chrysanthemums.

C. HARMAN PAYNE.

A NEW RASPBERRY.

(from Bulletin No. 57 of Foreign Plant Introductions, U. S. Dept. Agriculture.)

In connection with Plant Introductions, Nos. 29976-29978 in this Bulletin

we give the above photograph of a new and interesting strain of Chinese raspberry, Plant Introduction, No. 29346, which was fruiting last season in California. Unlike introductions many years ago from India, which were disseminated widely through the country under the name of strawberry-raspberry, this strain has berries of a very pleasant flavor suited for preserving. Its greatest probable value, however, lies in its early ripening. At Chico, Cal., fruits were ripe while the standard varieties were just in bloom. Similar results were obtained in Maryland with this variety. The fruits have no bloom, precluded unusually large, and are very attractive. From photograph by Dr. Walter Van Fleet, Chico, Cal., April 14, 1910.

NEWS NOTES.

Concord, N. H.—A new heating plant has been installed in the greenhouses of G. J. Benedict, 25 South street.

Flushing, N. Y.—The A. L. Thorne greenhouse establishment here has been purchased by M. F. Loughman, who will rehabilitate the range tearing down a part and building new with the view of going largely into rose growing—including American Beauties—for the wholesale market.

CLUB AND SOCIETY NOTES.

The landscape gardening class in the Gardeners' and Florists' Club of Boston is very successful and well patronized, and calls for two instructors are required.

At the next regular meeting of the Buffalo Florists' Club a rare treat will be in store for the members. President McQuaid has managed to secure a debate, and together with other entertainment, a pleasant evening is assured.

The North Shore Horticultural Society at Manchester, Mass., elected the following officers for the ensuing year: President, Herbert Shaw; clerk, James Saltier; treasurer, John Jeffrey; executive committee, Messrs. Brusch, A. E. Parnell, J. Clark, J. Chesney, E. Wetterlow. The financial condition of the society is good. The society is desirous of having a building of its own.

The annual banquet of the Utica (N. Y.) Florists' Club was a very enjoyable affair. About 75 guests participated. An orchestra composed of members of the club rendered excellent music. J. C. Spalding was toastmaster, and Dr. A. C. Beal of Cornell delivered an instructive address on the work that is being done at the Experiment Station in the interests of horticulture.

Rochester Florists' Association, at their meeting on November 13th, adopted a plan of having a display of flowers and papers read at each meeting of the winter season. To this Mr. G. B. Hart presided. Arnold George is chairman of the committee on entertainment. He submitted the following programme of paper: December, "The Chrysanthemum," C. B. Ogsten; January, "Perennials," J. M. Keller; February, "Annuals," George Arnold; March, "Roses," Lawrence Cotter, of Jamestown; April, "Pruning," John Dunbar, assistant superintendent of parks.

Charles S. Zoller, who first brought the autichrome plate to this country from France, displayed more than a hundred views of flowers and trees, many in Rochester. We show the photographs for which were taken by the Lumiere process of color photography. Some of the difficult subjects which had heretofore been unsolved at the Kimball conservatory, which were produced in their most delicate shades; bonfire on Cobb's hill; the rainbow at Niagara Falls, and the gold fish in the water at Seneca park.

A NOTED ENGLISH CHRYSANTHEMUM GROWER.

At the Paris Chrysanthemum Show which opened on November 1st, Mr. Thomas Stevenson scored an unusual series of successes. He entered in five classes. Apart from the blooms themselves the taste displayed in their presentations was quite as important. The jury awarded him a work of art, three large gold medals and a large silver gilt medal. It is seldom that English growers exhibit in France, but the lot put up by this very well known and capable grower aroused great interest among the French visitors. We may say in every sense of the word an object lesson.

C. HARMAN PAYNE.
Boddington's Forcing Gladiolus

GLADIOLUS, Colvillei and Nanus (type)
Plant some of these among your carnations; they will come in hands at any time.

Blushing Bride. Flowers are large, pure white with delicate pink spot.

Useful for early forcing. $0.75 $3.00

Peach Blossom. The most beautiful of all the Colville type of Gladiolus; the color is a lovely soft pink.

Useful on the order of the Kilmer rose. 1.00 8.00

The Bride (Colville alba). This lovely white miniature Gladiolus makes a useful cut-flower for early spring use; will stop forcing.

6.75 6.00

Gladiolus Gandavensis Hybrids
Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and really good prices, either wholesale or retail. Gladiolus are a good catch-crop and take up but little room.

The following are the best for this purpose:

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. $3.25 $30.00

Augusta. The florists' best white Gladiolus:

First size bulbs. 13/16 inches up. 2.00 18.00

Balls, 13/16 to 15/16 inches. 2.50 15.00

Shakespeare. White and rose. 4.75 45.00

May. Pure white, shaded gray crimson;

the best forer; selected balls. 1.75 15.00

Brenchleyensis (true). Pure white;

top grade. 2.75 25.00

Selected balls. 1.25 12.00

First size. 1.00 9.00

Boddington's White and Light. Extra;

selected balls. 15/16 inches and up... 1.50 14.00

American Hybrids. A mixture of the choicest varieties of Gladiolus. 1.00 9.00

SPIRAEA, or ASTILBE

Dkg. 100 100

Astilboides floribundus...$1.00 $15.00

Compacta multiflora... 1.00 7.00 65.00

Glandane. Enormous spikes of

pure white flowers. 1.25 9.00 87.00

Queen of Holland. One of the

finest, grand florists' variety. 1.25 9.00 80.00

Japonica... 75 5.50 55.00

SPANISH IRIS

(IRIS HISPAICA)
The true value of this Iris appears to have been overlooked in this country. The great diversity of color and its being equally adapted for gentle forcing and massing in beds make it one of the most useful bulbs to plant.

The following is the list of the most interesting varieties,

Dkg. 100 100

Alexander von Humboldt. Dark blue... $0.50 $3.50

Belge Chinoise. Pure yellow. 50 3.50

Blanche Superbe. Pure white. 50 3.50

Blanche Fleure. White with pale center. 50 3.50

British Queen. Large white; very fine. 50 3.50

Cajanas. Beautiful deep color yellow. 50 3.50

Chrysantha. Pale yellow. 50 3.50

Dorling. Blue; very fine; early. 50 3.50

Mixed, all colors. 50 3.50

NEWS NOTES.
Brookville, Mass.—P. O. Burnham has sold his greenhouse to Freeman Wagner.

Dover, N. J.—Henry Payne writes us that the report that he is building a greenhouse is not correct.

Fort Morgan, Colo.—F. W. Weidman, proprietor of the Fort Morgan Floral Co., has sold his business and gone to Texas.

Hatcher Station, Ga.—The Chattahoochee Floral Co. is building a 40 x 50 packing house on a lot they have just purchased.

Deerfield, Ill.—Eighty acres of land near here has been purchased by Fred C. Claye, nurseryman, for an extension of his business.

Port Chester, N. Y.—Property at Grace Church and Sands streets has been purchased by John Smith, who will erect three greenhouses and office on it. Three houses in Darlen will be moved here. His store will be continued at Liberty square.

Buffalo, N. Y.—Mrs. R. M. Johnson (nee Rebstock) has sold out the store at 614 Main street to Mrs. Creigan, who will conduct the business under the firm name of R. M. Rebstock Co. Miss Adams who has long been connected with Mrs. Johnson, will remain with the new firm. The trade wishes every success to the new company.

W. H. Eiss, formerly with the Wm. F. Kasting Co., is now president of the Latchford Refining Co., of Toronto, Ont., was a recent visitor. Mr. Eiss has gained wonderfully in health and always has some good fishing and hunting stories in stock.

Charles Guenther, the Hamburg florist, was very much disappointed to learn that there would be no fall flower show. However, this did not stop him from growing Golden Wed ding chrysanthemums, the finest that have ever been seen in this city, seems eight feet, foliage perfect and the blooms grand.

E. C. B.
THE BUYING SEASON

for Florists' Holiday Material and Standard Winter Indispensable Goods is now at its height. We have been, are now, and expect to continue

WORKING OVERTIME

Fall trade this season is far beyond any previous years and the quality and variety of the stock in our warerooms and coming in from abroad fully warrants it.

It would take pages innumerable to tell you all we have that you should stock up on. Our catalogue tells all this in detail with splendid half-tone illustrations. Send for it and see. Don't wait until the last minute to order.

HELP US AND WE WILL HELP YOU

H. BAYERSDORFER & CO.
THE Florist Supply House of America
1129 Arch Street
PHILADELPHIA, PA.

During Recess

DURING RECESS.

New York Florists' Bowlers' Scores.
Ch'w'tg, 200 240 240
Keeves, 193 162 174
Young, 132 170 185

Chicago Bowling Scores, Nov. 15, 1911.

CARNATIONS
Lorman, 169 174 170
Ayers, 153 161 116
W. Frair's, 147 167 153
Scheitels, 129 150 150
A. Zech, 210 181 212

ROSES
Schulze, 151 129 102
F. Stack, 145 139 159
M. Fischer, 167 150 135
W. Wolf, 201 150 168
Fischer, 159 170 167

Washington and Baltimore Ladies.

Mrs. George H. Cooke last week entertained a delegation of the Ladies' Auxiliary of Baltimore. The latter were met at the railroad station by an equal number of Washington ladies and by them were escorted to the New Ebbitt House, where a luncheon had been prepared. Following this a sightseeing trip was taken. The matinee was next on the program, upon the completion of which the ladies were ready for dinner. The New Ebbitt was again visited, and then a trip was made to the Arcade where a bowling contest between the Baltimore and Washington teams took place. The battle for supremacy was a spirited one, but due to the fact that only ladies were admitted to the alleys, the outcome is unknown. Assisting Mrs. Cooke was her daughter, Mrs. Nudermanski, Mrs. Elmer C. Mayberry, Mrs. George C. Shaffer and Mrs. Simonds. The Baltimore guests were Mrs.

Boone, Mrs. Bauer, Mrs. Klein, Mrs. Perry and Mrs. Quick.

CLEMATIS MONTANA VAR. RUBENS.

The widely-distributed Clematis montana is known as a very variable plant. In the variety rubens, which forms the subject of our cover page illustration in this issue, we have undoubtedly not only the finest of all the forms of C. montana, but really the most strikingly beautiful of all known clematisses. It is harder than the type and distinct in every way. The foliage is dark with an occasional light gray band down the upper surface of the leaf and reddish beneath. The flowers are bright rose, borne in clusters in the axis of the leaves on the old wood. The color is unique in the genus. This is one of the richest of the genera discovered by E. H. Wilson in the mountains of China.

NEWS NOTES.

Augusta, Me.—The capital stock of the Southern Nut Nursery Co. has been reduced from $350,000 to $200,000.

Richmond, Ca.—A flower and nursery business has been organized by Adolph Winters to be known as the Adolph Winters Co. He has discontinued his business at Fourth street and McDonald avenue.

Libertyville, Ill.—Schumann & Kohn, who recently purchased the greenhouses of the Chicago Rose Co., state that next spring the whole place will be planted to White Killarney, Killarney, Richmond and some My Maryland roses and standard varieties of carnations. The Brides and Maidens now in the houses will be discarded and two or three new roses put on trial.
DREER'S SPECIAL VALUES IN PHOENIX ROEBELENI

Our stock of this beautiful, graceful, hardy Palm is in prime condition and of good value.

PHOENIX ROEBELENI. Specimens

- 6 in. pots, 1½ ft. high, 2 ft. spread - $2.00 each
- 8 in. tubs, 20 to 22 in. high, 24 in. spread - 3.00 each
- 8 in. tubs, 2 ft. high, 2½ ft. spread heavy - 5.00 each
- 12 in. tubs, 2½ ft. high, 3 ft. spread heavy - 12.50 each
- 14 in. tubs, 3 ft. high, 4½ ft. spread heavy - 35.00 each
- 15 in. tubs, 3 ft. high, 6 ft. spread heavy - 50.00 each

A nice lot of young plants in 2½ inch pots for growing on. $1.50 per dozen; $12 per 100; $10 per 1000.

For a complete line of Seasonable Decorative Stock see our Special Circular of October 12th. If you did not receive a copy write us and we will send you one.

Are you interested in Dahlias, either as a cut-flower proposition or for cataloging? If so send for our Special Wholesale Catalogue of Dahlias quoting special prices on field roots for early orders.

The above is intended for the trade only.

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS
Nurserymen and Florists Rutherford, N. J.

American Grown Roses

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens.

Write for Trade List. W. & T. SMITH CO. Geneva, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK
WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS
A GENERAL ASSORTMENT OF
Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our Illustrated and descriptive Catalogue for the asking


LOECHNER & CO.

JAPANESE LILIES LILY OF THE VALLEY PIPES PALMS, AZALEAS, &c.

11 Warren Street, New York, N. Y.
Write for quotations

SELL YOUR PLANTS QUICK.
HORTICULTURE'S Special Holiday Trade Number is the best salesman for you. Send copy soon as possible.

G. W. SMITH & SONS

NURSERYMEN, FRUIT GROWERS AND WHOLESALE GROWERS OF PLANTS

P.O. 84, Cocalico, Pa.

ROBERT CRAIG CO.

ROSES, PALMS, and Novelties in Decorative Plants

MARKET and 49th STREET, PHILADELPHIA, PA.
THANKSGIVING ROSES

Everybody wants Roses for Thanksgiving. We have a full crop on for that occasion and can supply first-class fresh stock that will give satisfaction. We have in quantity the following recently introduced varieties:

CARDINAL, MRS. AARON WARD, DARK PINK KILLARNEY, TAFT
Also My Maryland, Richmond, Killarney White and Pink, Perle, etc.
Chrysanthemums, Lily of the Valley, Lilies, Violets, Carnations, and a full line of Greens.

Send for Price List. Lowest Boston Market Rates will prevail.

N. F. McCARTHY & CO.
84 Hawley Street, Boston

ST. LOUIS NOTES.

Grimm & Gorly had a flower show last week, having bought all the plants of the late flower show which attracted a great many people to their Washington avenue store.

Mrs. M. Fleshman will open the flower store in the Planters' Hotel on Monday, November 21. This is the old stand of the Riessen Floral Co., who used it as a branch store until a few years ago.

The new stores opened in the West End recently—H. Young & Son, Sanders' Nursery and C. Young & Sons—say that business has been good with them since their opening. All make attractive displays.

"Billy" Smith, who was badly hurt by an automobile which ran into his buggy recently, is out again and none the worse from the smash-up, but the week's confinement at home was not to his liking as he missed seeing all his friends during the flower show week.

Secretary Beneke of the Florist Club says that the officers of the club are at work to make the last meeting in the year, December 12th, an interesting one and that the trustees have something in store for the members that will make the meeting an interesting one with the usual good smoke during the session.

The annual Chrysanthemum Show of the Missouri Botanical Garden did not take place as advertised. The exhibition was all ready in a large tent for the opening on Monday, November 15, when a big rain and wind storm came along on Saturday night which wrecked the tent and plants, and the big drop in the weather well-nigh froze all the plants. The management say that the entire 500 varieties are a total loss. The public was much disappointed in not being able to view this annual free exhibition.

PHILADELPHIA NOTES.

Arthur Zirkman, of M. Rice & Co., is spending a few days in the house between trips and Rolih. Shock of the same house has again taken to the road.

An illustrated lecture will be given in Horticultural Hall, Dec. 7th, at 3.30 P. M. by Thomas H. Mawson, lecturer at the University of Liverpool, England:—"Gardens which were built and gardens planted," for the benefit of the Pennsylvania School of Horticulture for Women. Tickets $1.00 each may be had of Mrs. J. Willis Martin, 1721 Locust St.


FLORISTS' HARDY SUPPLIES

Dagger and Fancy Ferns, Moss, Galax, Laurel Roping, Southern Smilax, Boxwood, Etc.

Hartford & McDonough
70 PEMBERTON SQ., BOSTON

MISTLETOE

Well and full berried, foliage good and bright.
5 lb. box, $2.00; 10 lb. box, $3.50; 25 lb. basket, $6.00.
Cash with order. We prepay express and guarantee stock reaches you fresh and in good condition.

A. B. Silliman & Co.
Boone, la.

ROBERT J. DYSAART
Public Accountant and Auditor
Simple methods of correct accounting especially adapted for florists' use.
Books Balanced and Adjusted
Merchants Bank Building
20 STATE ST. - - - BOSTON
Telephone, Main 54.
WASHINGTON NOTES.

F. H. Kramer has been elected a member of the board of directors of the Provident Savings Bank.

R. J. Irwin, of New York, called on the local trade last week. Mr. Irwin reports business to be very good with his many friends.

Mayberry & Hoover have just completed the repainting of the front of their store at 1358 Fourteenth street, N. W., and other improvements in the interior in preparation for the season's business.

Edward Bowers of the local branch of the S. S. Pennock-Meech Co., is receiving the congratulations of his many friends. The cause of all the happiness in this case is the young lady who last week became the bride of Mr. Bowers.

Edward Mangum will continue as head gardener and in charge of the greenhouses of the Gallaudet College, Berea College, Mr. Mangum had charge also of the large farm connected with the college, but it is now under theeye of the University of Cincinnati. The department of Agriculture has opened five co-operating seed-testing stations in connection with the local laboratory, in California, Oregon, Louisiana, Indiana and Missouri. Arrangements have been made to have seed samples tested for purity and for germination. The department will make not more than five tests for any one individual or organization in any one month; this in order to give all a chance of availing themselves of the service.

Miss Marie Gude, daughter of Mr. and Mrs. Adolphus Gude, of Good Hope Road, Anacostia, D. C., last week became the bride of Mr. Charles Burton DeShields of this city. The ceremony was performed in the New York Avenue Presbyterian Church, and the florists of Washington turned out in mass. The church was beautifully decorated with pink chrysanthemums, smilax, palms, ferns and autumn leaves. The balconies were covered with smilax and twig baskets containing chrysanthemums. At the entrance to every pew was a standard of white chrysanthemums and autumn leaves, and the chancel was banked with these and palms and ferns. Miss Esther Gude, a sister of the bride, was one of the bridesmaids; Adolphus, Jr., a brother, one of the ushers; and little Miss Louise Gude, a cousin of the bride, proved a very charming flower girl.

C. L. LINZ.

PERSONAL.

Julius Roehrs, Sr., of Rutherford, N. J., is on the sick list.

Miss Claire Murphy, of Cincinnati, who was recently operated upon for appendicitis, is reported as convalescing nicely.

Edward P. Ayward, florist, was married on November 12th to Miss Margaret Lynch of Woburn, Mass. They will make their home in Woburn.

Henri Beaulieu of Woodhaven, N. Y., who is now in Paris, writes us concerning the scarcity of seeds in Europe. Under date of Nov. 11th he writes that there had been no frost up to that date and annuals were blooming profusely in the gardens. Seeds, however, he says, are demoralized and prices fluctuate from day to day. He expresses the hope that American growers will in the near future raise their own seeds.


NEWS NOTES.

Valley City, N. D.—H. W. Moore is now in partnership with his brother, Charles E. Moore, proprietor of the Valley City Greenhouses.

Freeport, Ill.—A large water tank collapsed on November 6th at the greenhouses of John Bauscher, Jr., doing damage estimated at about $2,500.

Brockline, Mass.—James J. McElroy of Dover, N. H., formerly gardener for Thomas W. Lawson at Dreamwold, will resume his business of florist and gardener here.

LATE DUG FORMOSUM

Fine Large Bulbs Thoroughly Ripened

| Size | Weight | Price
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>7.8 &quot;</td>
<td>250 bulbs to case</td>
<td>$7.50</td>
</tr>
</tbody>
</table>
| 9.8 " | 200 bulbs to case | $11.00

A. HENDERSON & CO.
30 E. RANDOLPH ST., CHICAGO

Horseshoe Brand Bulbs for immediate shipment

FORMOSUM

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/7</td>
<td>$10.00</td>
</tr>
<tr>
<td>6/8</td>
<td>15.00</td>
</tr>
<tr>
<td>7/9</td>
<td>18.00</td>
</tr>
</tbody>
</table>

GIGANTEUM

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/7</td>
<td>$20.00</td>
</tr>
<tr>
<td>7/8</td>
<td>21.00</td>
</tr>
<tr>
<td>7/9</td>
<td>22.50</td>
</tr>
</tbody>
</table>

ALL f. o. b. NEW YORK

Terms 3 months or 5% for cash with order. Cold Storage deliveries at any time during the season.

Fall deliveries of advance orders for Japan Lily Bulbs can be made f. o. b. New York, Pittsburg, Chicago, Cincinnati, Memphis and Toronto, or any other city, in lots of 250 cases, upwards.

Write us

Ralph M. Ward & Co.
12 West Broadway
NEW YORK CITY

Headquarters for

Fall Bulbs
Send for Trade List

John Lewis Childs
Flowerfield - LONG ISLAND, N.Y.

Gladioli, Lilies, Iris, Madeira Vines, Cinnamon Vines and other Summer Flowering Bulbs

Send for prices lists

E. S. MILLER
Wading River, N. Y.
HEADQUARTERS FOR CHRISTMAS GREENS

Special Selected Grades for Florists.

HOLLY = MISTLETOE = LYCOPODIUM

WREATHS — Laurel, holly and lycopodium.
ROPING — Laurel and lycopodium.
MOSS — Green lump and sheet.

And all other specialties for the Holidays. Special circular with prices mailed to all.

HENRY F. MICHELL CO. 518 MARKET STREET, PHILA., PA.

Seed Trade

Pea and Bean Percentages.

The growers of peas and beans are sending out their final estimates of deliveries on the 1912 crop. The results are most disappointing—not only on peas, but beans; the latter item has fallen down very greatly during the past five or six weeks, heavy damage having been done the crop by too much and long continued rains in the district where these beans are grown. We understand that the bean crop of New York state is in pretty fair shape and that very fair deliveries will be made by those who are growing their beans there; but the percentage, as compared to the total, is not very large, consequently there appears to be a strong tone to bean prices, and the probabilities are that notwithstanding considerable quantities carried from last year, there will be an active demand for all the desirable seed in the country. Percentages on beans have fallen from 25 to 50 per cent below what was thought probable in September; but while this is considerable of a loss to the growers, it will not prove an unmixed evil to the seedsmen, who, as stated, are carrying in most cases more or less beans from last year.

Carrots, Mangels and Garden Beets.

Conditions affecting carrots are even worse than we feared until within the last few weeks, as some of the larger jobbers will not deliver anything whatever on orders booked for the different varieties of carrot seed this year. About the same condition rules with reference to mangels, and several of the more fancy varieties of garden beets. It is rather surprising to see the word “failure” opposite the names of such a large number of varieties. Never has the oldest seedsman in the business seen a season like this. Let us hope none will see its like again, although the great scarcity of roots, raised this year, indicates that seed of these varieties will be very high and scarce in 1913.

Strenuous Outlook for 1912.

We are informed that the leading Canadian grower of peas and beans has decided to sell a considerable portion of their seed stock and accept no contracts for the 1912 crop. In view of our recent experience, we hesitate to name severe cold may cause these men to experience a change of heart and sell us at a loss. However, we believe the information to be authentic and it simply means the withdrawal of a good many thousands of bushels of high-grade seed stocks from an already insufficient supply. It will be well to warn all interested parties not to delay placing their orders for the 1912 crop, as the tardy ones are likely to be left, as they were a year ago in a few instances, although the conditions are much more serious this year.

From such information as we can get after a very thorough investigation, it would seem that prices should be a secondary consideration with seedsmen. The main question is to get your order hooked with a responsible concern and this applies especially to peas and beans. Any price named now will probably look low next fall.

Destructive Temperatures in Colorado, Kansas and Oklahoma.

Editor HORTICULTURE:

Dear Sir:—We have just received advice from Rocky Ford, Colo., stating they had another severe snow storm and the thermometer dropped 16 degrees below zero on the 11th inst.

The most of our crops have been harvested, but there are a few still in the pits which were covered and protected. We are afraid, however, that the severe cold may affect the germination of some of the cucumber crops in that vicinity, also in the vicinity of Ordway, and that it will also affect the germinating vitality of the late crops of watermelon in Kansas and Oklahoma and the crops of pumpkin and squash in Nebraska that had not been seeded prior to the cold weather and which may make considerable difference in the percentages of the deliveries for some of the varieties of vine seeds. Yours truly,

WESTERN SEED & IRRIGATION CO.

Per Wm. Emerson, Manager.

INCORPORATED.


NEWS NOTES.

Cleveland, Ohio—F. C. Pinyoun & Son, manufacturers of portable garages, is branching out into the manufacture of portable greenhouses.

Westminster, Vt.—The Connecticut Valley Orchard Co., recently incorporated, stated that their capital stock of $10,000 will later be increased to $100,000 and that they will do a business in fruit, live stock, fertilizers and real estate. They now have fifty acres of land, but will eventually have five hundred more. Greenhouses will be built later. George A. Dacomb is president and E. G. Tuthill, superintendent.

FRENCH VEGETABLE SEEDS

Lettuce, Imported B碧 Boston: Forcing Lettuce (black seeded); Radish, Scarlet Globe, White Tipped Scarlet Turnip; Beet, Crosby; Cabbage, EarlyFlat and Savoy; Celery, Self-Blanching and Green; Beet, Spinach, Endive, etc., the same varieties as the market gardeners of Paris use.

BEAULIEU, Woodhaven, N. Y.

FORCING TOMATO PLANTS

in 2½ inch pots at $2.00 per M in the following varieties: Comet, Sutton's Best Of All, Sutton's Abundance, Sutton's L. Cabbage and Lettuce Plants in unlimited quantities and best market varieties.

FOX HALL FARM, NORFOLK, VA.

ONION SETS

HEADQUARTERS FOR THE EAST.

We carry large stocks of choice quality at both our Orange, Conn., and New York City houses. Full line all varieties of Garden and Flower Seeds. Trade List on application.

S. D. WOODRUFF & SONS,
87 DeW Street, New York City.
KEKTUCY  
BLUE GRASS  
Fancy New Crop.  
$3.00 bu.  
December Shipment  
This special price for a Short Time Only. Samples sent on request.  
J. BOLGIANO & SON  
Wholesale Seedsmen  
Baltimore, Md.  

Farquhar's Flower Seeds for the Florist  
Write for our Wholesale Catalogue  
R. & J. FARQUHAR & CO.  
Boston, Mass.  

SEEDS, PLANTS, BULBS  
All seasonable kinds of best quality  
Special prices on large lots  
JAMES, VICK’S SONS,  
Seedsmen  
ROCHESTER, N. Y.  

COMPLETE STOCK FRENCH AND DUTCH BULBS  
Prices list free on request.  
Joseph Breck & Sons Corp.  
47-54 No. Market St., BOSTON, MASS.  

J. C. Robinson Seed Co.  
Waterloo, Neb.  
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.  

Braslan Seed Growers Co.  
Lettuce, Onion, Sweet Peas, Growers for the Wholesale Trade Only.  

SAN JOSE, CALIF.  
TOMATO SEED.  
BEST STOCKS, ALL VARIETIES.  
Surplus list newready.  
Contract offer for 1917 ready Dec. 1st.  

The Haven Seed Co.  
Growers for Wholesale Trade Only.  
SANTA ANA, CALIFORNIA.  

COLDWELL LAWN MOWERS  
Hand—Horse—Motor  
Known All Over the World  
Catalogue on Request.  
NEWBURGH, N. Y.  

PRINTING  
Fruitmen, Horticulturists and Penalrynists should get their printing done by specialists. Write for prices to THE REX CO., Harrisburg, Pa.
Of Interest to Retail Florists

Chicago, Ill.—Mrs. A. Lieberman, florist, is now at 5605 Armitage avenue.

Portland, Ore.—On November 1 the Hellig Flower Shop discontinued business.

Chicago, Ill.—Arthur Echel has purchased the florist business of August Koehle, 4225 North 40th street.

Albany, N. Y.—Whittle Bros., 10 North Pearl street, have obtained a long lease of the store, 52 North Pearl street.

Providence, R. I.—Henry Patry is now manager of "The Flower Store," 82 Westminster street, recently opened by O. L. Hughes.

Providence, R. I.—O. C. Hughes has opened a new retail store on lower Westminster street, a location well adapted for the business. Henry Patry is manager of the store.

STEAMER DEPARTURES

American
St. Louis, N. Y.—Shamton. Dec. 2
Atlantic Transport
Minneapolis, N. Y.—London. Dec. 2
Cunard
Lusitania, N. Y.—Liverpool....Nov. 29
Ullionia, Boston-Liverpool....Nov. 30
Tivonia, N. Y.—Meditternian. Nov. 30
Holland-America
Ryndam, N. Y.—Rotterdam....Nov. 28
Potdam, N. Y.—Rotterdam....Dec. 5
Leyland
Devonia, Boston-Liverpool....Dec. 2
North German Lloyd
K'ler W. der G., N. Y.—Bremen. Nov. 28
Friedrich der G., N. Y.—Bremen. Nov. 29
Red Star
Finland, N. Y.—Antwerp....Dec. 2
White Star
Cunard, Boston Liverpool.....Nov. 28
Albrie, N. Y.—Liverpool....Nov. 29
Olympic, N. Y.—Shamton....Dec. 2

NEW FLOWER STORES

Chicago, Ill.—A. Monblatt, Sherman House. Detroit, Mich.—B. Schroeter, 55 Broadway.

Denver, Colo.—Thomas McDonald, Welfon street.

Toronto, Ont., Can.—C. Bennett, Yonge street.

Chelsea, Mass.—Smallley, the Florist, 466 Broadway.

Tacoa, Wash.—F. C. Smith, Tacoma Building.


Dedham, Mass.—Adam Kopanous, 288 Greenleaf Building.

Woonsocket, R. I.—Miss Ella Mallour, 29 Main street.

St. Louis, Mo.—C. Young & Sons, 5504 Waterman avenue, branch store.

Troy, N. Y.—Collar City Flower Store, 464 Fulton street. H. L. Mennard, Jr., proprietor.

ALEX. McCONNELL
571 FIFTH AVENUE
NEW YORK CITY

Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls, 487 and 488 Murray Hill
Cable Address, ALEXCONNELL.

DAVID CLARKE'S SONS
42 West 28 St., NEW YORK
"FLOWERS BY TELEGRAPH"

Flower Deliveries
In Brooklyn and other Long Island Points, New York City, New Jersey, etc. At Theatres, Hotels, Steamers or Residences.

WILSON
Fulton St. and Greene Ave., Brooklyn, N.Y.

BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

THE ROSEY
76 MAIDEN LANE
ALBANY, N. Y.
FLOWER DELIVERIES FOR ALBANY AND VICINITY

ALBANY, N. Y.

EYRES
Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY
ON TELEGRAPHIC ORDER
11 NORTH PEARL ST., ALBANY, N. Y.

LOUISVILLE, KY.
JACOB SCHULZ.
550 South Fourth Ave.
CHICAGO NOTES.

The report of the Chicago Fire Commission has indirectly brought to light the plans to tear down some of the downtown buildings in the early spring. Among those named in the newspapers is the Atlas Block, the stronghold of the wholesale florists, not less than ten having quarters there. The matter may be tidied over as it was two years ago, however, though that corner, Randolph street and Wabash avenue, has long been regarded as too valuable for a six-story building and the event cannot be far in the future at any rate. An effort to bring about concerted action among the wholesale florists last spring, that should assure them a suitable building that would be a permanent home, was attempted, but did not succeed.

One of the changes of the week is that of the acceptance of a place in the Chicago Flower Growers' Association by Chas. Erne, one of the best and most favorably known men in the wholesale trade.

The salesmen for the E. H. Hunt Co. are in and leave again at once for another trip. They report business as brisk and a good outlook for the holiday season.

Personal.

Edward Hauswirth has entered the employ of Harry Rowe.

Mrs. L. H. Winterson, who has been very ill, has partially recovered and been brought home from the hospital.

Miss Gertrude Wallace of the Chicago Flower Growers' Association office force is recovering from a severe illness.

Ira Zalinger, from California, has come to Chicago to join his brother, Ben, in the florist business. So far they are filling orders from the home at 4922 Vincennes avenue, but expect to open a store in the near future.

Visitors: Among the florists who have attended the flower shows in the Middle West and stopped in Chicago the past week are: John Breitmeier, son of Fred Breitmeier, M. Clemens, Mich.; Herman Klagge, M. Clemens, Mich.; Chas. H. Totty, Madison, N. J.; Wm. Duckham, Madison, N. J.; R. Vincent, Jr., Whitemarsh, Md.

"FLOWERS BY TELEGRAPH."

Leading Retail Florists Listed by Towns for Ready Reference.


Boston—Penn, the Florist, 57-43 Bromfield St.

Boston—Julius A. Zinn, 1 Park St. Brooklyn, N. Y.—Robert G. Wilson, Fult

n St. and Greene Ave.

Buffalo, N. Y.—Palmer's 304 Main St.

Buffalo, N. Y.—S. A. Anderson, 400 Main St.

Chicago—Williams J. Smyth, Michigan Ave. and 31st St.

Denver, Col.—Park Floral Co., 1613 B'way.

Detroit, Mich.—J. Breitmeier's Sons, Miami and Grattol Ave.

Kansas City, Mo.—Samuel Murray, 912 Grand Ave.

Kansas City, Mo.—Wm. L. Rock Flower Co, 1318 Walnut St.

Indianapolis, Ind.—Florists' Telegraph Delivery Co.

Louisville, Ky.—Jacob Schulz, 550 South Fourth Ave.

New York—David Clarke's Sons, 213-211 Broadway.

New York—Alex. McConnell, 611 5th Ave.

New York—Young & Nugent, 42 W. 28th.

New York—Parks, N. E. cor. 44th St. and Madison Ave.

St. Paul, Minn.—Holm & Olson.

St. Paul, Minn.—J. J. H. Dunlop, 56 Yonge St.

Washington, D. C.—Gade Bros, 1214 F St.

Wellesley, Mass.—Talby, Warwick, Mass.—Littlefield, 407-409 Main St.


NEWS NOTES.

Sturgis, Mich.—A. Richter is succeeded by John W. Vogt as proprietor of the Sturgis Greenhouses.

Erie, Pa.—The Glenwood Greenhouses, formerly owned by E. C. Hill, have been rented by Orna Hill.

Huron, N. Y.—The Gordon Greenhouses, Gordon place, was recently destroyed by fire. Loss $2,000; insurance, $1,500.

Collingswood, Camden, N. J.—A violent storm on November 12 destroyed a greenhouse of Charles W. M. Sommer, 611 Vanhouten street, was blown down and his stock of plants frozen.

CAPLAN'S NEW FLOWER STORE IN BOSTON.

BOSTON, MASS.

FLOWER DELIVERIES

Send flower orders for delivery in Boston and all New England points to THOS. F. GALVIN

124 Tremont St., Boston

TRANSFER

Your orders for flower or plant delivery to Eastern New England to JULIUS A. ZINN

1 Park St., Boston

BOSTON'S BEST

In Quality and Design

Can be relied upon when you transfer your retail orders to EDWARD MACMULKIN

194 Boyleston St., Boston

Telegaon Your Orders to CAPLAN, Florist

144 Massachusetts Ave.

BOSTON, MASS.

H. F. A. Lange

WORCESTER, MASS.

Delivers to all Points in New England, 125,000 square feet of glass

Littlefield

FLORIST

407 & 409 Main St.


"THE HOME OF FLOWERS"

The largest cut flower store in America. Orders for the TWIN CITIES and for all Northwestern points given prompt attention.

HOLM & OLSON, Incorporated

ST. PAUL, MINN.

Florists' Refrigerators

Write us for catalogue and Prices, stating size you require, and for what kind of cut flowers you wish to use the refrigerator, also state whether you want a for display or only for storage.

McCray Refrigerator Co.,

353 Lake Street, Randallville, Ind.

Boston Horticultural Society when you write.

WELLESLEY COLLEGE

Dana Hall, Walnut Hill and Rockridge Hlll

Schools TAILBY, Wellesley, Mass.

Tel. Wellesley 45-2 and 3 Night 45-3
FOR THANKSGIVING
A Large
Supply of
SPECIAL BEAUTIES 36-in. Stems
and Over
The best in price, in quality; fine large buds, good foliage.
BOUVDARIA AND WHITE LILAC
You should include some of them in your Thanksgiving order. We
have both pink and red Bouvardia; the best supply in the market.

The Leo Niessen Co.
WHOLESALE FLORISTS
N. W. Corner
12th and Race Sts., PHILADELPHIA

THE BEST LETTERS
FOR R THOSE
FLORIST’S
USE MADE BY THE
Boston Florist Letter Co
66 PEARL ST., BOSTON
N. P. McCarthy, Mfr.
Order direct or buy from your local
supply dealer. Insist on having the
BOSTON
Inscriptions, Emblems, etc. Always in
Stock.

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

PETER REINBERG
WHOLESALE
CUT FLOWERS
37 Randolph St., Chicago, Ill.

POEHLMANN BROS. CO.
33-35-37 Randolph St., - CHICAGO

CUT FLOWERS
Greenhouses, - Morton Grove, Ill.
George B. Hart
WHOLESALE
FLORIST
24 Stone St., Rochester, N.Y.
The J. M. McCullough's Sons Co.

WELCH BROS.
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR
ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED
226 Devonshire Street,
Boston, Mass.

WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100
TO DEALERS ONLY

ST. LOUIS

BOSTON

PHIL.

Am. Beauty, Fancy and special. 10.00 @ 30.00 15.00 @ 40.00 25.00 @ 50.00 35.00 @ 55.00 15.00 @ 25.00
Extra 15.00 @ 25.00 20.00 @ 35.00 30.00 @ 48.00 45.00 @ 55.00 15.00 @ 25.00
No. 1 15.00 @ 20.00 20.00 @ 35.00 30.00 @ 50.00 45.00 @ 75.00 15.00 @ 25.00
Lower grades 10.00 @ 15.00 15.00 @ 25.00 20.00 @ 40.00 35.00 @ 60.00 10.00 @ 20.00
KILLARNEY, MARYLAND, FANCY & BL. 10.00 @ 15.00 15.00 @ 25.00 20.00 @ 40.00 35.00 @ 60.00 10.00 @ 20.00
Bride, "Amaid" 9.00 @ 15.00 15.00 @ 25.00 20.00 @ 40.00 35.00 @ 60.00 10.00 @ 20.00
Taff, "Hillington" 6.00 @ 12.00 12.00 @ 25.00 20.00 @ 40.00 35.00 @ 60.00 10.00 @ 20.00

GARNETIONS, First Quality 1.00 @ 2.00 2.00 @ 4.00 3.00 @ 6.00 5.00 @ 10.00 1.00 @ 2.00

Ordinary 1.00 @ 2.00 2.00 @ 4.00 3.00 @ 6.00 5.00 @ 10.00 1.00 @ 2.00

LILY OF THE VALLEY

N. BRIS. 6.00 @ 8.00 8.00 @ 10.00 10.00 @ 12.00 12.00 @ 15.00 6.00 @ 8.00
N. CALIF. 3.00 @ 5.00 5.00 @ 7.00 7.00 @ 10.00 10.00 @ 15.00 3.00 @ 5.00
CHRYSTAN ThUMS 3.50 @ 6.00 6.00 @ 10.00 10.00 @ 15.00 15.00 @ 25.00 3.00 @ 5.00
Violets 75 @ 1.00 1.00 @ 1.50 1.50 @ 2.00 2.00 @ 3.00 75 @ 1.00

MAGNOLIA 1.50 @ 2.00 2.00 @ 3.00 3.00 @ 5.00 5.00 @ 8.00 1.50 @ 2.00

SWEET PEA 1.00 @ 1.50 1.50 @ 2.50 2.50 @ 4.00 4.00 @ 6.00 1.00 @ 1.50

African 1.00 @ 1.50 1.50 @ 2.00 2.00 @ 3.00 3.00 @ 5.00 1.00 @ 1.50

Oriental 1.00 @ 1.50 1.50 @ 2.00 2.00 @ 3.00 3.00 @ 5.00 1.00 @ 1.50

SMITH 10.00 @ 15.00 15.00 @ 25.00 25.00 @ 50.00 50.00 @ 75.00 10.00 @ 15.00

APISSEUM, P. strung (100 bhts.) 1.00 @ 2.00 2.00 @ 4.00 3.00 @ 6.00 5.00 @ 10.00 1.00 @ 2.00

" & Noren, (100 bhts). 1.00 @ 2.00 2.00 @ 4.00 3.00 @ 6.00 5.00 @ 10.00 1.00 @ 2.00

J.A. BUDLONG
82-84-86 E. Randolph St., Chicago
OUR STOCK IS A-1 AND IT IS QUALITY NOT
PRICES THAT TALKS

Chicago Flower Growers' Association
Wholeste Growers of Cut Flowers and Plants

176 N. MICHIGAN AVE., BETWEEN RANDOLPH
AND LAKE STREETS, CHICAGO

HENRY M. ROBINSON & CO.
15 Province St., 9 Chapman Pl.,
BOSTON, MASS.

Wired Toothpicks
Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000 @ $1.75; 50,000 @ $7.50. Sample free.
Per case by dealers

Always want to find a market for your
product.

Want a regular or special supply
of the product of the best
growers.

Consult the Advertisements on
these Wholesale Flower Pages.

The Advertisers Represented Here are the Leading
Concerns in the Wholesale Flower Trade.
Flower Market Reports

BOURG

But to 741 LIAS to 741 PITTSBURG 4 1 are fancy to S. to to y Boston the KO to satisfactory forty to as only |.75 full the 3.00 1 4O.0O like Own 3.00 the 50 to bad Lower qua 50 CINCINNATI Bower active. 6.00 a Kxtra practically day $3 number to aud BUFPALO to American this a Johnnie 3.00 fairly their all November has respects has supply, past time. There enguehard paper brought weather, met There quality and quantity carnations, lax lili others. The has moved the sweet the 50 and shortening it going this week. Paper white onions are in quite plentiful, but for what purpose nobody knows. Already they are among the laggards and are teaching their own lesson to the discreet grower who imagines that the earlier he can hustle them into bloom the more famous he will be. But how about this potted lily? There are quite a few callas in but with lilies so abundant as they are the callas has to be patient.

BUFFALO

The past week began in wintry style, and the temperature fell forty degrees, while on the Saturday previous, the ideal Indian Summer day, the thermometer had read sixty-two. The cold weather has caused stock to shorten in supply, especially roses and carnations, but chrysanthemums continue plentiful. There was a good quantity of Bonnaffon, Mand Dean, Dr. Enguehard and others. The choice quality moved at satisfactory prices. There were quite a number of bunches and sprays, also pomspons in varied colors. Lilies, violets, lily of the valley and peas are plentiful, but Beauty and Richmond roses are scarce. Chai-

CHICAGO

The marked shortage in the supply of American Beauty roses is a feature of the market conditions at this time. Fancy stock has been billed out as high as $6.00 per dozen during the past week and the shortage prevails down to the lowest grades caused by all the growers in this vicinity having their stock off crop at the same time. Chrysanthemums are shortening in supply, especially in fancy white. It has been in unusual season in several respects and the chrysanthemum crop has varied accordingly, some of the largest growers being practically cut off before the 1st of November. Whereas both home-grown and from the East have met with fair sales since the cooler weather, and lily of the valley has brought a higher price for fancy than is often quoted. A limited supply of paper white narcissi is in to give variety to stock, and rather more lilies than needed to supply the demand are now on the counters. Carnations of large size and long stems fill all the florists’ wants in that direction, while sweet peas are each week becoming more in evidence. Daisies are to be had and are usually on short stems.

November 25, 1911

GARDENIAS

With a very much better quality and a more liberal supply we are able to take care of our Gardenia customers in a way that will satisfy them, thus insuring to us future orders. Contracts made from now till after the holidays. We write us for information.

Present Prices $3 and $4 Per Dozen

Distributing Agents for the new Roses for 1912.

Double White Killarney and Killarney Queen

(THE BUDLONG STRAIN)

Grafted, $250.00 per 1,000. Own Root, $200.00 per 1,000.

RIBBONS and SUPPLIES

Many new patterns in exclusive ribbons. Write us for prices on these and on our supplies.

S. S. PENNOCK-MEEHAN CO.

THE WHOLESALE FLORISTS

NEW YORK

109 W. 28th Street

PHILADELPHIA

1608-1620 Ludlow Street

WASHINGTON

1212 New York Ave.

WHOLESALE FLOWER MARKETS.—TRADE PRICES.—Per 100 Dozen

To Dealers Only

<table>
<thead>
<tr>
<th>ROSES</th>
<th>CINCINNATI Nov. 7</th>
<th>DETROIT Nov. 7</th>
<th>BUFFALO Nov. 21</th>
<th>PITTSBURG Nov. 21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Am. Beauty, Fan, and bp.</td>
<td>25.00 to 30.00</td>
<td>20.00 to 25.00</td>
<td>15.00 to 20.00</td>
<td>15.00 to 20.00</td>
</tr>
<tr>
<td>Extra</td>
<td>20.00 to 25.00</td>
<td>15.00 to 20.00</td>
<td>12.50 to 17.50</td>
<td>12.50 to 17.50</td>
</tr>
<tr>
<td>No. 1</td>
<td>15.00 to 20.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
</tr>
<tr>
<td>Low Grades</td>
<td>10.00 to 15.00</td>
<td>7.00 to 10.00</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fan, &amp; Spl</td>
<td>6.00 to 8.00</td>
<td>5.00 to 6.00</td>
<td>4.00 to 5.00</td>
<td>4.00 to 5.00</td>
</tr>
<tr>
<td>Low Grades</td>
<td>4.00 to 5.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Red 'Maid'</td>
<td>4.00 to 5.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Taft, Hildago</td>
<td>3.00 to 4.00</td>
<td>2.00 to 3.00</td>
<td>1.50 to 2.00</td>
<td>1.50 to 2.00</td>
</tr>
</tbody>
</table>

CARNACTIONS, First Quality

| Ordinary | 1.90 to 2.50 | 1.50 to 2.00 | 1.00 to 1.50 | 1.00 to 1.50 |

MISCELLANEOUS

| Castileyan | 12.50 to 15.00 | 10.00 to 12.50 | 3.00 to 4.00 | 3.00 to 4.00 |
| Leucadendron | 7.50 to 9.50 | 3.00 to 4.00 | 2.00 to 3.00 | 2.00 to 3.00 |
| Nasturtium | 7.50 to 9.50 | 5.00 to 7.50 | 4.00 to 5.00 | 4.00 to 5.00 |
| Chrysanthemum | 7.50 to 9.50 | 5.00 to 7.50 | 4.00 to 5.00 | 4.00 to 5.00 |
| Violets | 7.50 to 9.50 | 5.00 to 7.50 | 4.00 to 5.00 | 4.00 to 5.00 |
| Mignonette | 7.50 to 9.50 | 5.00 to 7.50 | 4.00 to 5.00 | 4.00 to 5.00 |
| Scarlet Pea | 7.50 to 9.50 | 5.00 to 7.50 | 4.00 to 5.00 | 4.00 to 5.00 |
| Gardenia | 7.50 to 9.50 | 5.00 to 7.50 | 4.00 to 5.00 | 4.00 to 5.00 |
| Diasianum | 7.50 to 9.50 | 5.00 to 7.50 | 4.00 to 5.00 | 4.00 to 5.00 |
| Smilesia | 7.50 to 9.50 | 5.00 to 7.50 | 4.00 to 5.00 | 4.00 to 5.00 |
| Asparagus Plumosus, Stalks (100) | 40.00 to 50.00 | 25.00 to 35.00 | 20.00 to 30.00 | 20.00 to 30.00 |

All kinds of roses are plentiful in the best grades, but mediums are picked out in the demand, while more than sufficient and American Beauties selling up easily each day. Many more short and medium-stemmed ones could be used to advantage if they were forthcoming. In chrysanthemums there are offered such excellent varieties as Major Bonnaffon, Bird, Chadwick, Dr. Enguehard and Eaton. The carnation supply is increasing and the quality is very good. Practically all offerings in (Continued on page 729)
November 25, 1911

M. G. FORD
Successor to
FORD BROTHERS
121 West 25th Street  NEW YORK
FINES FANCY CARNATIONS
A Full Line of All Cut Flowers.
Telephone, 3670 or 3571 Madison Square

H. E. FROMENT
Wholesale Commission Florist, Choice Cut Flowers,
7 West 28th St.  NEW YORK
Telephones: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send for quotations. Correspondence with shippers of first-class stock invited.
130 West 28th Street, New York
Telephones: 4526-4627 Madison Square.

Edward C. Horan
Wholesale Florist
55 WEST 28TH ST.

Greater New York Florists' Association, Inc.
Open for Cut Flower Consignments
162 Livingston Street, BROOKLYN, N. Y.
Geo. W. Crawford, Telephone Connection Manager

Moore, Hentz & Nash
Wholesale Commission Florists
55 and 57 West 26th Street
Telephone No. 758 Madison Square

WM. P. FORD
Wholesale Florist
45 W. 28 Street, NEW YORK
Call and Inspect the Best Establishment in the Wholesale Flower District

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ  MAURICE L. GLASS
Cogan Building, 55-57 West 26th Street
NEW YORK CITY
Telephone 2221 Madison Square  Open from 9 a.m. to 6 p.m.

THE KERVAN COMPANY
Fresh Cut Evergreens, Mosses, Southern Smilax, Galas and Leucothoe, Preserved and Fresh Cut Cocks and Palmetto.
Tel. 15931 1 Madison Square

REED & KELLER
122 West 25th St., New York

Florists' Supplies
We manufacture all our Metal Designs, Baskets, Wire Work & Novelties and are dealers in Decorative Glassware, Greens and Florists' Requisites.

P. J. SMITH
Successor to JOHN L. RAYNOR
Wholesale Commission Florist
SELLING AGENT FOR LARGEST GROWERS
A full line of Choice Cut Flowers for all purposes. The HOME OF THE LILY by the 100, 1000 or 16,000
Teli 1958 Madison Square 49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone 2332-3533 Madison Square

NOW IS THE TIME
To decide on your Commission Man. Begin the season right by shipping your product to the OLD, RELIABLE EstABLISHMENT.
OPEN EVERY MORNING AT 6 O'CLOCK
Tel. 167-4468 Madison Sq. 106 W. 28th St. NEW YORK

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
GARDENIeS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, MAD. SQ.

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSAS AND CARNATIONS

| American Beauty, Fancy and Special | 55.00 to 100.00 |
| " | 50.00 to 100.00 |
| " No. 1 | 40.00 to 80.00 |
| " Lower Grades | 35.00 to 70.00 |
| Richmond, Chateray, Extra and Special | 45.00 to 90.00 |
| Low Grades | 40.00 to 80.00 |
| Killirney, My Maryland, Extra and Special | 50.00 to 100.00 |
| Low Grades | 45.00 to 90.00 |
| Bride, "Fair | 35.00 to 70.00 |
| Taft, Hillington | 40.00 to 80.00 |
| Carnations, Farm Quality | 30.00 to 60.00 |
| Ordinary | 25.00 to 50.00 |

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 WEST 28TH STREET. NEW YORK

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK
Shipments, any quantity, Wholesale Market Rates.
The Man Who Has Tried It

We don’t need to explain to him the advantage of a Central Florists’ Plant Supply House in these busy days, when selected flowering and foliage stock is assembled for inspection and selection, saving time and money by railroad trips to visit widely separated growers. That’s where we save. Packing and shipping facilities unsurpassed. Of blooming plants we have for this week Cyclamen of best quality ever seen for Thanksgiving; Erica’s; Lorraine Begonias; Camellias. In foliage plants All Palms, etc.: Ivies and Holly Ferns; Table Ferns; Aspidistras; Phoenix Roebeleni (elegant little specimens); Araucarias; Buxus Pyramids; Scotti Ferns; Dracenas; Oranges.

WOODROW & MARKETOS,
Wholesale Plantmen and Florists
41 West 28th St., New York

MICHIGAN CUT FLOWER EXCHANGE, INC.
WHOLESALE COMMISSION FLORISTS
Consignment Solicited
Hardy Fancy Fern Our Specialty
38-40 Broadway, Detroit, Mich

WILLIAM H. KUEBLER
Brooklyn’s Foremost and Best
Wholesale Commission House
A First Class Market for all CUT FLOWERS
28 Willoughby St., Brooklyn, N. Y.
Tel. 4591 Main

NEW YORK QUOTATIONS PER 100. To Dealers Only

<table>
<thead>
<tr>
<th>MISCHELLEOUS</th>
<th>Last Half of Week ending Nov 18, 1911</th>
<th>First Half of Week beginning Nov 20, 1911</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutleaves...</td>
<td>.00 to 6.00</td>
<td>.00 to 6.00</td>
</tr>
<tr>
<td>Dendrobium formosum</td>
<td>30.00 to 40.00</td>
<td>25.00 to 35.00</td>
</tr>
<tr>
<td>Phalaenopsis...</td>
<td>30.00 to 40.00</td>
<td>25.00 to 35.00</td>
</tr>
<tr>
<td>Arisaema...</td>
<td>30.00 to 40.00</td>
<td>25.00 to 35.00</td>
</tr>
<tr>
<td>Lily of the Valley...</td>
<td>4.00 to 6.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Narcissus...</td>
<td>4.00 to 6.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Violets...</td>
<td>4.00 to 6.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Dendrobium formosum...</td>
<td>4.00 to 6.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Lilium...</td>
<td>4.00 to 6.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Chrysanthemums...</td>
<td>4.00 to 6.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Orchids...</td>
<td>4.00 to 6.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Dryopteris...</td>
<td>4.00 to 6.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Mignonette...</td>
<td>4.00 to 6.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Gardenias...</td>
<td>4.00 to 6.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Salix...</td>
<td>4.00 to 6.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Aquilegia...</td>
<td>4.00 to 6.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>Euphorbias...</td>
<td>4.00 to 6.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>A. Spez. (100 bchs)</td>
<td>2.00 to 5.00</td>
<td>1.50 to 3.00</td>
</tr>
</tbody>
</table>

Of course the standard as to quality is higher. The lad with twenty-five or fifty thousand feet of glass finds it harder and harder to make ends meet in competition with fellows who can work economies with half a million, a million, or two million feet. How the little fellows can work out and show a profit goodness only knows. We are very much afraid they don’t, and we are very sorry for it. When James Watt invented the steam engine he had no idea that the same would in short order bring the world’s nations closer together—as it has done. When Benjamin Franklin flew his kite in Philadelphia in front of Deoner’s hotel he had no idea that he was going to make a “World Republic.” Yet he and James Watt have about done that. The demand last week was

(Continued on page 726)
For List of Advertisers See Page 749
HORTICULTURE

FERNS
A. Leathy & Co., Blooladise, Mass. For page see List of Advertisers.
H. H. Barrows & Sons, Whitman, Mass. For page see List of Advertisers.
John Scott, Brooklyn, N. Y. For page see List of Advertisers.
Robert T. Boyden, Philadelphia, Pa. For page see List of Advertisers.
Frank Oechsli, 491 Quincy Street, Chicago. Ferns for Display. For page see List of Advertisers.
E. P. Pleas route, N. Y. For page see List of Advertisers.
agoon J. Irwin, New York, N. Y. For page see List of Advertisers.
Boston Ferns, all sizes from 3 in. to 6 ft. New and Improved Ferns. For page see List of Advertisers.
Anderson's Ferns, Short Hills, N. J. For page see List of Advertisers.
ROOSEVELT FERN as a Winner, 25 in. at $1.00 each, 50 in. at $2.00 each, 100 in. at $3.50 each. Send 50c. per address for free catalogue. For page see List of Advertisers.
Geraniums, standard, 4-in., $2.00 each; 6-in., $3.00 each; 8-in., $4.00 each; 10-in., $5.00 each; 12-in., $6.00 each; 18-in., $10.00 each. For page see List of Advertisers.
Geraniums, standard, 4-in., $2.00 each; 6-in., $3.00 each; 8-in., $4.00 each; 10-in., $5.00 each; 12-in., $6.00 each; 18-in., $10.00 each. For page see List of Advertisers.
Glass Plate & Window Glass Co., Boston. For page see List of Advertisers.
Hartley, J. E., New York, N. Y. For page see List of Advertisers.
New England Nut, and standard specimens from $1.00 up. For page see List of Advertisers.
Pennsylvania Nurseryman, 55 Union St., Philadelphia, Pa. For page see List of Advertisers.
Storrs & Harrison Co, Painesville, Ohio. For page see List of Advertisers.
Brooklyn, New York. For page see List of Advertisers.
Bowersdorfer Bros., 1170 Arch St., Philadelphia, Pa. For page see List of Advertisers.
Bowersdorfer Bros., 1170 Arch St., Philadelphia, Pa. For page see List of Advertisers.

FERTILIZERS
250th Century Fertilizer Co., Beverly, Mass. For page see List of Advertisers.
Fertilized Manure Co., 31 Union St., Rochester, N. Y. For page see List of Advertisers.
Ewing, Aerating Farm Co., Chisle, Ohio. For page see List of Advertisers.

FLORISTS' SUPPLIES—Continued.

FLOWER POTS
W. H. Reeser, 28th and M St., Washington, D. C. For page see List of Advertisers.
A. H. Hovey & Co., Cambridge, Mass. For page see List of Advertisers.
Hilfiger Bros., Ft. Edward, N. Y. For page see List of Advertisers.
Bryacme Pots. For page see List of Advertisers.
Peters & Reed Pottery Co., Zanesville, O. For page see List of Advertisers.

FLORISTS' SUPPLIES—Continued.

FLORISTS' SUPPLIES
N. F. McCarthy & Co., 84 Hawley St., New York, N. Y. For page see List of Advertisers.
H. M. Robinson & Co., 18 Province St., and 23 Cheape, Boston, Mass. For page see List of Advertisers.
M. Rice & Co., 1220 Race St., Phila., Pa. For page see List of Advertisers.
Reed & Kelley, 122 W. 25th St., New York. For page see List of Advertisers.
S. J. Brown & Son, 647 Arch St., Philadelphia, Pa. For page see List of Advertisers.

FLORISTS' LETTERS
Boston Florist Letter Co., 96 Pearl St., New York. For page see List of Advertisers.

FLORISTS' ENCYCLOPEDIA FREE

FLORISTS' LETTERS
Boston Florist Letter Co., 96 Pearl St., New York. For page see List of Advertisers.

FLORISTS' SUPPLIES
N. F. McCarthy & Co., 84 Hawley St., New York, N. Y. For page see List of Advertisers.
H. M. Robinson & Co., 18 Province St., and 23 Cheape, Boston, Mass. For page see List of Advertisers.
M. Rice & Co., 1220 Race St., Phila., Pa. For page see List of Advertisers.

GREENHOUSE CONSTRUCTION
Foley Mfg. Co., Chicago. For page see List of Advertisers.
King Construction Co., N. Tonawanda, N. Y. For page see List of Advertisers.
Pleas route, N. Y. For page see List of Advertisers.

GUTTERS
King Construction Co., N. Tonawanda, N. Y. For page see List of Advertisers.

HAIR INSURANCE

HARDY FERNS AND SUPPLIES
Michigan Cut Flower Exchange, 28-30 Broadway, Detroit, Mich. For page see List of Advertisers.

HERBACEOUS PLANTS
P. Oukerter, P. O. No. 1, Hoboken, N. J. For page see List of Advertisers.
New England Nut, and standard specimens from $1.00 up. For page see List of Advertisers.

HEAT-RESISTANT FERNS
A. E. Scott, 1000 S. Wabash Ave., Chicago. For page see List of Advertisers.

HERMISCALLIS LILY
For page see List of Advertisers.

HOMESTYLE SASH
F. R. Piersen Co., 1133 Broadway, N. Y. For page see List of Advertisers.

INSECTICIDES
Eastern Chemical Co., Boston, Mass. For page see List of Advertisers.

INSECTICIDES
Eastern Chemical Co., Boston, Mass. For page see List of Advertisers.

J. C. Moulton Co., 117 East Blackhawk, Chicago, Ill. For page see List of Advertisers.
Foley Mfg. Co., Chicago. For page see List of Advertisers.

J. C. Moulton Co., 117 East Blackhawk, Chicago, Ill. For page see List of Advertisers.
Foley Mfg. Co., Chicago. For page see List of Advertisers.
Lord & Barnard Co., 1113 Broadway, New York. For page see List of Advertisers.
S. Jacobs & Sons 1530-31 Flushing Ave., Brooklyn, N. Y. For page see List of Advertisers.
SEEDS
T. J. Grey Co., 32 So Market St., Boston
For page see List of Advertisers.

J. C. Breck & Sons,
41 and 52 N. Market St., Boston, Mass.
For page see List of Advertisers.

Richard Bliss & Co., 981 Market St., New York
For page see List of Advertisers.

For page see List of Advertisers.

W. A. Barber & Co., Philadelphia.
For page see List of Advertisers.

Arthur T. Hoddington, New York
For page see List of Advertisers.

Flower Seeds for the Florist.
For page see List of Advertisers.

J. M. Thorburn & Co., 33 Barclay St., N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

Leonard Seed Co., Chicago, Ill.
For page see List of Advertisers.

Wm. Elliott & Sons, New York.
For page see List of Advertisers.

James Vick's Sons, Rochester, N. Y.
All Leading Varieties of Seeds.
For page see List of Advertisers.

Asparagus Plaunous Nunn Seed.
For page see List of Advertisers.

The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

J. Hollocher & Son, Baltimore, Md.
For page see List of Advertisers.

Loechner & Co., New York, N. Y.
For page see List of Advertisers.

SPhAGNUM MOSS
For page see List of Advertisers.

Live Sphagnum moss, orchid pot and orchid baskets always on hand. Leger & Barrell, Summerfield, N. J.

SPEAKERS

THREE RENOVATION
John T. Withers, Inc., Jersey City, N. J.
For page see List of Advertisers.

VEGETABLE PLANTS
For page see List of Advertisers.

The Advance Co., Richmond, Ind.
Improved Ventilator Arm.
For page see List of Advertisers.

VINCA
Vines variegated, some selected field clumps, $5.00; good medium, $4.00 per 100. Rooted cuttings ready in December, $2.00 per 100. Cash, M. M. Lathrop, Cornwall, N. Y.

WIREWORK
Reed & Keller, 122 W. 25th St., N. Y.
For page see List of Advertisers.

Wirework. Write for our catalogue.

Hilton & Hunkel Co., Milwaukee, Wis.

WOOD PRESERVATIVE
Conservar Wood Preservative doubles the life of all exposed lumber. Preserves it from insects or plumbing. It's a stick, and saves ten times its cost.

Kaneil Cohn, Inc., Mix Chemicals, Boston, Mass.

WIRED TOOTHBRUSHES
W. J. Cowen, Berlin, N. Y.
For page see List of Advertisers.

XMAS PEPPERS
Xmas Peppers, fine carded plants, 4 and 4½ inches, 20 per 100. P. E. Rhett, Growers Co., Ill.

WHOLESALE FLORISTS—Continued

Boston
N. E. McCarty & Co., 81 Hawley St.
For page see List of Advertisers.

Welsh Bros., 229 Devonshire St.
For page see List of Advertisers.

H. M. Robinson & Co., 159 Tremont St. and 9 Chapman Pl.
For page see List of Advertisers.

Buffalo, N. Y.
William F. Knutting Co., 365-375 Elliott St.
For page see List of Advertisers.

Chicago
Peter Reinberg, 51 Walnuth Ave.
For page see List of Advertisers.

For page see List of Advertisers.

J. A. Buell, 37-39 Randolph St.
For page see List of Advertisers.

Chicago Flower Growers' Association.
175 N. Michigan Ave.
For page see List of Advertisers.

The J. M. McCullough's Sons Co., 516 Walnut St.
For page see List of Advertisers.

Cromwell, Conn.
For page see List of Advertisers.

Detroit
Michigan Cut Flower Exchange, 38 and 46 Broadway.
For page see List of Advertisers.

New York
M. C. Ford, 121 W. 28th St., New York
For page see List of Advertisers.

H. E. Fromen, 57 W. 26th St., New York
For page see List of Advertisers.

E. C. Haran, 55 W. 28th St., New York
For page see List of Advertisers.

A. H. LaGrange, 130 W. 28th St., New York
For page see List of Advertisers.

James McManus, 55 W. 28th St., New York
For page see List of Advertisers.

W. F. Sheridan, 133 W. 28th St., New York
For page see List of Advertisers.

Wm. H. Kempf, 256 Wililoughby St.
Brooklyn, N. Y.
For page see List of Advertisers.

Moore, Heath & N. St., 55 and 57 W. 28th St., New York.
For page see List of Advertisers.

162 Livingston St., Brooklyn, N. Y.
For page see List of Advertisers.

J. K. Allen, New York, N. Y.
For page see List of Advertisers.

A. L. Young & Co., 57 W. 29th St., N. Y.
For page see List of Advertisers.

Charles Millhag, 53 and 57 West 29th St.
For page see List of Advertisers.

J. P. Smith, 49 West 29th St., N. Y.
For page see List of Advertisers.

W. F. Ford, New York.
For page see List of Advertisers.

Frank Millhag, New York, N. Y.
For page see List of Advertisers.

Tresdoni & Schrage, New York, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

A. Gotts & Co., New York, N. Y.
For page see List of Advertisers.

Siebert & Schrage, 39 West 29th St., New York.
For page see List of Advertisers.

PHILADELPHIA
Leo, Nisenson Co., 11th & Arch St., Philadelphia.
For page see List of Advertisers.

The S. S. Peeples-Mosch Co., 1900-11 Ludlow St., Phila.
For page see List of Advertisers.

WHOLESALE FLORISTS—Continued

Rochester, N. Y.
George H. Hart, 24 Stone St.
For page see List of Advertisers.

New Offers in This Issue. ADIANTUM HYBRIDUM.
Red Rose Nurseries, Center Square, Pa.
For page see List of Advertisers.

AUCTION SALE OF CONIFERS, RHODODENDRONS, ROSES, ETC.
Elliott Auction Co., New York, N. Y.
For page see List of Advertisers.

BOSTON FLOWER DELIVERIES.
Caplan, Fisk, Boston, Mass.
For page see List of Advertisers.

CHRISTMAS GREENS.
For page see List of Advertisers.

FERNS.
R. G. Humford, New Milford, Conn.
For page see List of Advertisers.

FLORISTS' DECORATIVE PLANTS.
Woodrow & Markets, New York, N. Y.
For page see List of Advertisers.

FLORISTS' SUPPLIES.
Bowens, New Orleans, La.
For page see List of Advertisers.

GLADIOLI, LILIES, IRIS AND OTHER BULBS.
E. S. Millby, Wangen River, N. Y.
For page see List of Advertisers.

IMPERIAL PLANT FOOD.
Eastern Chemical Co., Boston, Mass.
For page see List of Advertisers.

KENTUCKY BLUE GRASS SEED.
J. Bolgiano & Son, Baltimore, Md.
For page see List of Advertisers.

LETTUCE, RADISH, CABBAGE AND OTHER VEGETABLE SEEDS.
Heinl, Woodhaven, N. Y.
For page see List of Advertisers.

MISTLETOE.
For page see List of Advertisers.

NEW CHRYSANTHEMUMS, ROSES AND CARNATIONS.
Chas, H. Tatty, Madison, N. J.
For page see List of Advertisers.

RED CHRISTMAS GOODS.
For page see List of Advertisers.

RUBBER BACKED RIBBON, RIBBON CORSAGES, TIES, RIBBONS AND CHIFFONS.
Weintheimer Brothers, New York, N. Y.
For page see List of Advertisers.

STOCKS FOR EASTER.
For page see List of Advertisers.

THANKSGIVING ROSES.
For page see List of Advertisers.

TOMATO SEED.
The Haven Seed Co., Santa Anna, Calif.
For page see List of Advertisers.

WINTER FLOWERING SWEET PEAS.
R. E. Wadsworth, Athens, Mass.
For page see List of Advertisers.

In writing to Advertisers kindly mention Horticulture
Obituary

John Caldwell, an employe of the Reardon & Co., died on Oct. 30, aged 56 years.

James Hart

James Hart, son of M. A. Hart, well known in the New York wholesale flower district, died on Saturday, November 18, of consumption.

John D. Crawford

John D Crawford, for many years a florist in Brooklyn, N. Y., died at his home at Roslyn, L. L. N. Y., on Nov. 2, aged 69 years. He was born at Saratoga Springs and up to ten years ago kept a florist's store at 372 Court street, Brooklyn.

John Jules Fonta

John Jules Fonta, of New Orleans, La., was buried on Nov. 11, his funeral being largely attended. Mr. Fonta came to America from Rouat, France, going to New Orleans in 1853. After a successful career as a florist he became manager of the Morgan Whitney estate, later becoming superintendent of Anahum Park, which position he held till 1900. He leaves a wife, one brother and two sisters.

Elizabeth F. Foster

A most estimable lady, well known in the inner life of the florists' business, passed away, November 13, 1911, and has left a fragrant record of a well spent and noble life in our annals. Mrs. Foster died at Westerly, R. I., on the above date. One daughter is the wife of Samuel S. Penning of Philadelphia, and her two sisters are well known in florists' circles. Her only son, Wm. H. Foster, of the Riverside Greenhouses, Westerly, R. I., and two other daughters survive. Mrs. Foster was born September 27th, 1849, and was of good old Quaker stock. She was a member of the Society of Friends, and was a credit to it.

Reuben T. Woodward

Reuben T. Woodward, a man of wide experience in landscape gardener and horticulturist, died Nov. 15, in Boston, Mass., aged eighty-seven years. He was born in Boston and secured his first knowledge of gardening while "bound out" at the age of seven, to a retired sea captain in Jamaica Plain, Mass. At the age of fourteen he entered the employ of his brother-in-law, who had charge of some of the largest estates in Brookline. In 1853 he began business in South Reading as landscape gardener, later moving to Medford then to Haverhill. He enlisted in the army in 1861, being wounded at Newbern, N. C., and honorably discharged. In 1865 he became assistant superintendent of Golden Gate Park and later engaged in business in Los Angeles, Oakland, Pasadena and other places. He returned to Boston in 1889.

Frank P. Baum

It was with sad regret we learned of the death of our brother florist, Frank P. Baum, of Buffalo, N. Y., who died suddenly while on a business trip to Salamanca, N. Y., aged fifty-seven years. Mr. Baum was born in Looneyville, N. Y., and came to Buffalo forty years ago, where he has been engaged in the florist business for twenty-five years, conducting a retail stand at the Washington Market, and having eight thousand feet of glass at 50 Kingsley street, where a good portion of the plants and cut flowers are grown for the retail and wholesale market. Mr. Baum was well known to the trade, and had a large circle of friends and business associates, also being a member of several fraternal organizations. He leaves a widow, Mrs. Elizabeth, also a son, Frank, and daughter, Mrs. R. E. Sibley.

The country has lost a sincere lover of our profession, and an enthusiast in his chosen field. Our heartfelt sympathy goes out to his bereaved widow and children in this hour of their sorrow. Words are of little aid in these days, but to the fatherless and widow, it may be a help to be assured that through the length and breadth of this adopted country, the name of Frank P. Baum commanded only respect and affection. E. C. B.

William H. Moon

William H. Moon, senior member and founder of the William H. Moon Co., Nurserymen, Morrisville, Pa., dropped dead on West State street, Trenton, N. J., Nov. 18th while on his way to consult his physician in that city. Funeral services were held on the 22nd inst., from his home in Morrisville. Interment at Fallsington—where the family for several generations have their last resting place. A brother, James Moon, and two nephews, Henry T. and J. Edward, were associated with the business which was one of the largest nursery concerns in the country. Being a chartered corporation the business continues under the title. Two daughters of Wm. H. Moon also survive. Mrs. Moon died last summer. Mr. Moon was 62 years of age and had been in the nursery business since his boyhood, and was a powerful influence for the higher ideals of life and conduct—an example to the pushing trampling multitude, and a staunch upholder of right and truth against all odds.

G. C. W.
Flower Market Reports
(Continued from page 72)
mostly on Beauties, orchids, violets and lily of the valley. All these stands cleaned up well. Of course the chrysanthemum held the center of the stage. It was a pretty good week, all things considered. In view of the easterly tendencies of the thermometer, James Waite and B. Franklin—we would suggest a close study of Adam Smith, John Stuart Mill, Ricardo and the British broadsides and columns, so doing those with small places will find out just how those with big places have such a bulge on them, and how they can so arrange that the fellow will get his share according to his deserving. Those well-posted think that the Army and Navy game here on the 25th will cause a big demand for blue and yellow. Which means—Bonnaflons and Violets. They are all hedging accordingly. Other things will go also. Good luck to all of you.

Plant Food
Made into tablets—one of which to one quart of water makes the best plant food ever analyzed by the Massachusetts Experimental Station. Ask for sample by mail. Domestic size mailed anywhere for 50c, containing about 200 tablets.

Eastern Chemical Co.
BOSTON, MASS.

To-Bak-Ine Products Kill Bugs
You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free.)

Use any form you choose but buy it of
E. H. HUNT, 131 N. Wabash Avenue, Chicago

Cattle Manure in Bags
Shredded or Pulverized
Wizard Brand Manures
Absolutely the best manure for the farm and garden. Bagged and ready to use, and will remain in good condition for years under any conditions. Bagged for all uses. Make your own manure in a few minutes. Act quickly. Plenty in stock.

The Pulverized Manure Company
Union Stock Yards
Chicago

Cocoanut Fibre Soil
is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

20th CENTURY PLANT FOOD CO.,
37 Ocean St., Beverly Mass.

Wilson Plant Oil &
Fertilizer Company
ELIZABETH, N. J.
Horticultural Supplies
"Write for our special Catalogue "A"

Rubber Stamps, Stencils
Seals, Steel Stamps, Hotel Baggage and Key Checks, Badges, Bunting Brands, Pew Numbers, Numbering Machines, Check Printers, Stencil Combinations, Steel Alphabetics and Figures, Indelible Stencils, Colors and Brushes, Decorative Plates, Rubber Type. Illustrated Catalogue of nearly 100 pages sent with first order or upon receipt of 5 cent stamps. Agents wanted.

THE REX COMPANY, Harrisburg, Pa.
KING GREENHOUSES

WHY?

THEY ARE TRULY ECONOMICAL, BEING STRONG,
LASTING AND EASY TO MAINTAIN. THEY ARE
SCIENTIFICALLY DESIGNED TO STAND ALL THE
STRAINS IN A GREENHOUSE.

PRIVATE CONSERVATORIES
and
COMMERCIAL GREENHOUSES
EACH RECEIVE SPECIAL TREATMENT.

KING CONSTRUCTION CO.
Home Office and Factory
N. TONAWANDA, N. Y.
Eastern Sales Office
No. 1 MADISON GARDENS, N. Y.

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers

NOW IS THE TIME TO BUY

FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST

26-30 Sudbury St.
BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.
Are Leaders in
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS.

CHICAGO, ILL.

ADVANCE Ventilating Machines

are mechanical wonders. Self-swinging and roller
bearing, features that are essential to easy operation are
found in our machines.

Let us send you our cata-
loung. It gives a full descrip-
tion of our line and is sure
to interest you.

Write now.

ADVANCE CO., - Richmond, Ind.

The FLORISTS' HAIL ASSOCIATION
OF AMERICA, insurer of 32,500,000
sq. ft. of glass. For particulars address
John G. Esler, 229 Saddle River, N. J.

MASTICA

for
Greenhouse Glazing

USE IT NOW.

F. O. PIERCE CO.
12 W. BROADWAY
NEW YORK

Mastica is elastic and tenacious, admits of ex-
pansion and contraction. Putty becomes hard
and brittle. Broken glass more easily removed
without breaking of other glass as occurs with
hard putty. Lasts longer than putty. Easy to
apply.

BOSTON PLATE & WINDOW GLASS CO.
Greenhouse Glass
GERMAN AND AMERICAN

261 to 287 A St. BOSTON 20 to 22 Canal St.
A Greenhouse Group with a Sequel

This is the U-Bar. The Bar That Makes U-Bar Greenhouses the Famous Greenhouses They Are.

The photo was taken directly from the residence terrace, looking down the sunken grass plot toward the rose gardens. On the terrace is a choice U-Bar palm house of classic design, which is connected to the residence conservatory by a loggia that is glass enclosed in winter. The palm house leads directly into the greenhouses themselves. A very unusual grouping you see—one that, because of its close association with the residence, demanded a construction combining both simplicity and ornamentality. The U-Bar is strictly that kind. That's why it won out. And that's the sequel. The catalog shows numerous views of the entire layout. Send for it.

U-BAR GREENHOUSES
PIERSON U-BAR CO
ONE MADISON AVE. NEW YORK
CANADIAN OFFICE: 10 PHILLIPS PLACE, MONTREAL

LILIUM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season.

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiforum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

- 6-7 inch bulbs, 335 to the case, $10.00 per case; full thousand lots, $40.00 per 1,000.
- 7-9 inch bulbs, 200 to the case, $16.00 per case; full thousand lots, $75.00 per 1,000.
- 9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $150.00 per 1,000.

FERNS

We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensia and Piersoni, 6-in. pots............ $0.60 each
Nephrolepis Elegantissima, Piersoni, Bostoniensia, and Harrisii, heavy 8-in. plants $1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensia, and Harrisii, heavy 10-in. plants $2.00 each

F. R. PIERSON COMPANY, Tarrytown-on-Hudson, NEW YORK
New Chrysanthemum Mrs. Gilbert Drabble

Devoted to the Florist, Plantsman, Landscape Gardener, and Kindred Interests

Published Every Saturday at 11 Hamilton Place, Boston, Mass.

Subscription, $1.00 per Year
"IT'S RICE FOR QUALITY AND PRICE"

Avoid Disappointments by Getting Your Orders in for

CHRISTMAS GOODS

Our stock is well filled with the supplies you need, but we advise quick action. The demand for RED is unusually strong—see that you get yours.

How are you fixed for

Red Plant or Cut Flower Baskets
Red Pot Covers
Red Porto Rican Mats
Red Waterproof Crepe or Pebbled Pleated Paper
Red Ribbons, Chiffons and Cords
Red Japonica preserved natural ferns
Bright in color, resemble holly leaf
in shape. Come in sprays measuring 10 to 11 inches, $6 per 100

All these are of the usual Rice standard and the prices are right. Order at once and they will be yours in a jiffy.

Manufacturers—Importers—Originators

M. RICE & CO. 1220 Race Street PHILADELPHIA, PA.

THE LEADING FLORISTS' SUPPLY HOUSE AND RIBBON SPECIALISTS

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS
Nurseymen and Florists Rutherford, N. J.

American Grown Roses

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens.

Write for Trade List. W. & T. SMITH CO. Geneva, N. Y.

HARDY NORTHERN GROWN NURSERY STOCK
WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS.
A GENERAL ASSORTMENT OF
Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our illustrated and descriptive Catalogue for the asking.


LOECHNER & CO.
JAPANESE LILIES
LILY OF THE VALLEY PIPS
PALMS, AZALEAS, &c.
11 Warren Street, New York, N. Y.
Write for quotations.

FREE NICOTINE AND TOBACCO POWDER
SEE H. A. STOOTHOFF CO. ADVERTISEMENT ON PAGE 780.

JOHN T. WITHERS, Inc.

landscape Architect and Forester
1 Montgomery St., JERSEY CITY, N. J.

Tree Renovation by Expert Operators. Stereopticon lectures on Horticulture and Arboriculture.

Box Trees

and other EVERGREENS for Tubs and Boxes

Our Prices are Always Right—Catalog Free

THE NEW ENGLAND NURSERIES, Inc.

BEDFORD, MASS.

DIRECT IMPORTATIONS
Bay Trees, Kentia, Azaleas, Valley Pips, Roses, Rhododendrons, Boxwood, Manetti, Evergreens, Jap. Lilies, Baflia, etc., etc.

Nursery stock from France, Holland, England and Japan.

MCHUTCHISON & CO. 17 Murray St. New York, N. Y.

HOLAND NURSERIES

Best Hardy Rhododendrons, Azaleas, Conifers, Clematis, H. P. Roses, Shrubs, and Herbaceous Plants.

P. OJJWERKERK, 114 Jane St., Westbow Grade, N. Y.

ROBERT CRAIG CO.

ROSES, PALMS, and Novelties in Decorative Plants

MARKET and 48th STREETS, PHILADELPHIA, PA.
## MISCELLANEOUS GREENHOUSE PLANTS for Immediate Shipment

### Special prices made on large lots.

<table>
<thead>
<tr>
<th>2-in. per 100</th>
<th>3-in. per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABUTILON SAVITZI</td>
<td>$3.00</td>
</tr>
<tr>
<td>ACI•HRANTHEUMS EMERSONI</td>
<td>$2.00</td>
</tr>
<tr>
<td>ALTERNANTHERA, six varieties</td>
<td>$2.00</td>
</tr>
<tr>
<td>BEGONIA VERNON</td>
<td>$2.00</td>
</tr>
<tr>
<td>COLEUS, twelve varieties</td>
<td>$3.00</td>
</tr>
<tr>
<td>HARDY ENGLISH IVY</td>
<td>$3.00</td>
</tr>
<tr>
<td>HELIÒTOPHIE, five varieties</td>
<td>$2.00</td>
</tr>
<tr>
<td>GERANIUMS, standard variety</td>
<td>$3.00</td>
</tr>
<tr>
<td>LEMON VERBENA, Alcyon varieties,</td>
<td>$2.00</td>
</tr>
<tr>
<td>LOBELIA, Kathleen Miallard</td>
<td>$2.00</td>
</tr>
<tr>
<td>LANTANAS, twelve varieties</td>
<td>$2.00</td>
</tr>
<tr>
<td>MOUNTAINE, white</td>
<td>$2.00</td>
</tr>
<tr>
<td>PETUNIA, double fringed, mixed</td>
<td>$2.00</td>
</tr>
<tr>
<td>SALVIA, Bondic and Zurich</td>
<td>$2.00</td>
</tr>
<tr>
<td>PARLOR IVY, Serene, Scandens</td>
<td>$2.00</td>
</tr>
<tr>
<td>SWANSONA, Alia and Rosea</td>
<td>$2.00</td>
</tr>
<tr>
<td>TRADISCIANTIA ZEBRINA, Multi COLOR</td>
<td>$2.00</td>
</tr>
<tr>
<td>VERBENA Red, White, Blue and variegated</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

Cash With Order Please.

R. VINCEN'T, JR., & SONS CO., White Marsh, Md.

### ROSES

<table>
<thead>
<tr>
<th>OWN ROOT—FINE STOCK</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richmond, from 3 in. pots</td>
<td>$6.00</td>
</tr>
<tr>
<td>Pink Killarney, Chatenay, Sunrise, Sunset, from 3 in. pots</td>
<td>$6.00</td>
</tr>
<tr>
<td>Bride, Bridesmaid, Golden Gate</td>
<td>$5.00</td>
</tr>
</tbody>
</table>

### GRAFTED

<table>
<thead>
<tr>
<th>Fine Stock, 3 inch pots</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink Killarney, White Killarney, Bride, Bridesmaid, My Maryland</td>
</tr>
</tbody>
</table>

WOOD BROS., Fishkill, N.Y.

### FOR COLD FRAMES

<table>
<thead>
<tr>
<th>STRAW MATS</th>
<th>6 x 6, - $1.50, $17.00 doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BURLAP MATS</td>
<td>6½ x 6½, $1.20, $14.00 doz.</td>
</tr>
</tbody>
</table>

WM. ELLIOTT & SONS, 42 Vesey St., New York

### CARNATIONS

<table>
<thead>
<tr>
<th>FINE, HEALTHY STOCK</th>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beacon</td>
<td>$6.00</td>
<td></td>
</tr>
<tr>
<td>Bay State</td>
<td>$6.00</td>
<td></td>
</tr>
<tr>
<td>Georgia</td>
<td>$6.00</td>
<td></td>
</tr>
<tr>
<td>Mrs. T. W. Lawson</td>
<td>$5.00</td>
<td></td>
</tr>
<tr>
<td>Red Lawson</td>
<td>$5.00</td>
<td></td>
</tr>
<tr>
<td>Variegated Lawson</td>
<td>$40.00</td>
<td></td>
</tr>
<tr>
<td>Wisner</td>
<td>$5.00</td>
<td></td>
</tr>
<tr>
<td>Crimson Beauty</td>
<td>$5.00</td>
<td></td>
</tr>
</tbody>
</table>

CARNATIONS F. DORNER & SONS CO. LA FAYETTE, IND.

### CHRYSANTHEMUMS

We are booking orders for early delivery of all the best Commercial and Exhibition varieties, either new or old. When in need remember we make Chrysanthemums a specialty.

ELMER D. SMITH & CO.
Adrian, Mich.

### NO BETTER FERNS

Are to be found than those we now offer. They are well grown, full and bushy, the best varieties, price $3.00 per hundred. Fragrans Sanderi, variegated white and green, an ideal center plant, prime stock $2.00 per dozen, $15.00 per hundred. We use great care in packing, and have scores of regular customers throughout the South and East. May we send you a sample shipment?

Cash please or satisfactory references

R. G. HANFORD, New York, Connecticut

### FERNS FOR DISHES

Assorted varieties, 3-in. pots, $3.50 100; $3.00 1000; 50c at 1000 rate. Cash with order

FRANK OECHSLIN
4911 Quincy St., CHICAGO, ILL.

### SWEET PEAS

Florence Denzer, Watertown, Mrs. L. Doan- sby, Pink Watchung, Mrs. C. H. Totty, Miss Josie Ridy, Greenbrook, Mrs. Alex. Wallace, winter flowering, several plants to the pot, $3.00 per 100 pots. Cash Please.

R. E. WADSWORTH Northboro, Mass.

Just Received, A Large Assortment of AZALEAS in the very best commercial varieties, in all sizes, at Lowest Prices.

A. LEUTHY & CO.
Parked Street Nurseries, Resende, — Boston, Mass.

Price list on application.

### BEST PALMS

All Varieties, All Sizes. Send for Price List

Joseph Heacock
Wyncote, Pa.
CARNATION "WODENETHE"

A Carnation by any other name "might smell as sweet," but it is a fact that very few of them do. The fragrance of "WODENETHE," is delightful. It has every other desirable quality also, size, perfect form, purity in color and the calyx positively does not split.

Come and see it growing; then you will also see

BROOKLYN

ONE of the finest, freest blooming Carnations I have ever handled and a "bread and butter Carnation" in every sense of the word.

Prices on these two Carnations, $12.00 per hundred; $100.00 per thousand

CHAS. H. TOTTY, MADISON, N. J.

THE LATEST SILVER MEDAL ROSE

The new Sargent rose, originated by Jackson Dawson, now offered for the first time for fall 1912 delivery

As this stock is limited book your orders early. $1.50 each

Other Roses originated by Jackson Dawson:

LADY DUNCAN, DAWSON, DAYBREAK, FARQUHAR, WM. EGAN and MINNIE DAWSON

Write for prices.

Eastern Nurseries, 1090 Center St., Jamaica Plain, Mass.

HENRY S. DAWSON, MGR.

ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the World

SANDER, St. Alban's, England and 258 Broadway, Room 721

NEW YORK CITY

CYPRIPEDIUM CAUDATUM

We have received a small importation of this almost extinct orchid and can offer a limited number of same at moderate prices. Write for particulars.

LARGER & HURRELL, SUMMIT, N. J.

HYBRID ORCHIDS

FLOWERED AND UNFLOWERED...

Julius Roehrs Co., Rutherford, N. J.

Araucaria Excelsa

5 in., 3 to 4 tiers, 40c. and 50c.; 5½ to 6 in., 4, 5 and 6 tiers, 60c., 75c. and $1.00; 7 in., 25, 30, 40 and 50 in. high, for lawns and porches, $1.50 to $2.00.

Cash with order, please.

Godfrey Aschmann Wholesale Grower, Shipper and Importer of

1st Plants.

1012 West Ontario St.,

PHILADELPHIA, - PA.

Boston Ferns

Whitman: 2½ in., $3 per 100; $30 per 1000

$5 per 100; $40 per 1000; $2.50 at 1000 rates


ROSES

For Greenhouse Planting

Standard varieties in addition to the best of the new ones.

DOUBLE WHITE KILLARNEY

KILLARNEY QUEEN

SUNBURST

CHrysanthemums

We shall disseminate Chadwick Supreme, the pink sport of W. H. Chadwick. Smith's Advance, Roman Gold. Standard chrysanthemums, all commercial varieties.

BEDDING STOCK in quantity for the spring trade.

Our Catalog covers these, and will be ready Jan. 1. Have your name added to our mailing list.

A. N. PIERSON, Inc.

CROMWELL, - - - - CONN.

PALMS, FERNS AND DECORATIVE PLANTS

JOHN SCOTT

Rutland Road and E. 45th St.

Tel. sko fodder, BROOKLYN, N. Y.
Seasonable Notes on Culture of Florists’ Stock

AZALEAS FOR CHRISTMAS

If these plants do not show color by this date they should be kept in a temperature of 70 degrees at night and sprayed with lukewarm water two or three times a day which will help to push them along. Also give them the sunniest bench you have. Azaleas that are showing the first flowers open can be placed in a lower temperature of about 60 degrees. It should be borne in mind that for the last ten days before Christmas, it would be a great advantage to the keeping qualities of the flowers if they were given a house where the temperature runs from 50 to 55 degrees at night, with a rise of ten degrees during the day and a good amount of fresh air circulating by proper ventilation. Give attention to watering of the plants as neglect of this causes an unevenness in the opening of the flowers and is a direct injury to the plant. There is very little difficulty in having such varieties as Deutsche Perle, Hexe, Min. Petrick or Verveacena, in flower for the holidays.

CARE OF CHRISTMAS GREENS

To keep all greens such as boxwood, holly, bouquet green, leucothoe, galax, ferns, etc., in a nice fresh condition try a deep coldframe. Give it proper banking around on all sides with leaves or hay of sufficient depth to make it practically frostproof. See that the sash are in good shape and fit tightly. These can be covered with hay or straw which will keep out the light. A dark, moist place that is just kept above the freezing point is the ideal location.

HOLIDAY SUGGESTIONS

Look over your stock of supplies now to see if anything is wanting such as heavy wrapping material, tissue and waxed paper, waterproof crepe paper in white, red and green, sheet moss, ribbons and waterproof chiffon, cut flower boxes, fern dishes, etc. Attend to your plant requirements early. The average florist cannot grow all his own and now is the time to buy. Take a look through the columns of Horticulture and you will find there firms advertising anything you may want. A week or ten days before Christmas go over your plants and see that foliage and pots get a good cleaning, especially such plants as palms, aspidistra, pandanias, ficus, dracaenas, and other foliage plants, as the least bit of dust shows on the leaves and detracts a good deal from their beauty. It will be time well spent to give each plant a perfect cleaning which will show to full advantage all the markings and shades which go to make foliage plants beautiful and of course every pot should be scrupulously clean.

PHELSONIUMS

These plants that have had a rest will soon be starting to show new growth. When they have made a growth of about an inch knock them out of their pots and shake the old soil well out. If there are any long and struggling roots there can be shortened back. When potting give them a compost of turfy loam three parts, well decayed cow manure one part, and add enough of sand to make the soil porous, for they like a compost that allows the water to pass freely through it. Keep them rather close for a week or two and root action will soon begin to start. Give a light syringing twice a day until they have broken into new growth. When they have taken hold of the soil give them a bench near the glass in a very light and airy house as they will make a stouter and more thrifty growth where there is a good circulation of air. From now until the spring give them a temperature of about 15 degrees at night.

POINSETTIAS

Your pans of poinsettias as they became fairly well developed should be reduced 5 to 8 degrees at night which will put them in a better condition to withstand the many vicissitudes they are liable to meet during the holidays or before Christmas. Where your pans are well filled with roots a little weak manure water once or twice a week will be of great advantage in giving the bracts a fine color as well as increasing their size. Give as much air during the middle of all line days as possible without causing any cold or arid draughts. The atmosphere should be kept somewhat drier now as this will tend to harden up both foliage and bracts. Plants that are in a bed or bench are better, if the bracts are well developed, for a lower temperature, say anywhere from 55 to 58 degrees at night will do. When cutting poinsettias dip the ends in boiling water long enough to stop bleeding and then tie the bracts around with some soft tissue paper and place in a vase that holds a good depth of water. They will keep better and longer if placed in a temperature of about 15 degrees.

PRIMULAS FOR CHRISTMAS, 1912

To have strong and well flowered plants a year hence secure some seed now and sow as soon as you can get to it. Large shallow pans are the best to sow the seed in. Fill these pans, after there is good drainage given, with a light compost of sifted loam and leaf mold in equal parts, to which some sand should be added. After the pans have been filled to within about half an inch of the top, press the soil even and give a good watering with a fine rose, and let them stand until the next day when the soil will be in a nice condition to receive the seed. When sowing the seed be sure not to sow too thickly. Press the seed in over the smooth surface of the soil and cover very lightly with very finely sifted compost, and again press the surface smooth. Place a piece of glass over the pans as it helps to keep the moisture better, and shade from the sun until the young seedlings begin to appear, when they should be placed well up to the glass in a house where the temperature runs from 15 to 50 degrees. These will make fine plants for late fall and early winter flowering. Of Primula sinensis, Covent Garden Red, Crimson King, and Chiswick Red are good, and for Primula obsconica, Kermesina is the best.

John J. M. Farrell

Mr. Farrell’s next notes will be on the following: Care of Young Begonias, Longtime Chrysanthemums for Stalks, Hornealis, Dendrothines, Propagating Carnations, Protecting Pansies, etc.
The communication from the Chairman of the Tariff and Legislative Committee of the Society of American Florists, which appears on another page of this issue, should be very welcome news to the flower shipping trade and, this being Thanksgiving week, thankful emotions are surely in order. It is nice to contemplate the fact that this, as Mr. Estes states, has been a victory of peace. We sincerely hope it may be as permanent and far-reaching as it is encouraging.

Some good news

Our New England readers should not overlook the notes in this issue on the Massachusetts Agricultural College, through its Department of Floriculture, which is planning to do for the floral interests. Prof. E. A. White, who has charge of this work has given good assurance in the past of his sincerity and wisdom and his practical policy in the line of horticultural work will go a long way toward eliminating the prejudice heretofore harbored by many as to the value of the education acquired in the State Colleges. Prof. White has selected his co-workers from the successful men who have accomplished things not by theory but by hard labor and application. We bespeak for his effort the approval and cordial support of the floricultural interests of New England.

The Garden for Nov. 4, illustrates a new aster under this name which is described as follows:

"A deep-colored seedling from the now well-known highly popular A. Climax. It is of somewhat dwarfed habit as that variety, with large deep blue colored flower-heads."

It might be well for the hardy aster specialists to look into the nomenclature a little. We know that quite a number of years ago the late George Hollis of So. Weymouth, Mass., who raised a great number of very fine aster seedlings, exhibited one before the Massachusetts Horticultural Society under the name of Amethyst. It was a large handsome flower of the Novae Angliae type and well-named as to color which was true amethyst. It is very probable that this plant is well-distributed among New England gardens under the name given it by Mr. Hollis. Some botanical works mention an obscure species, A. amethystinus, as being found in eastern Massachusetts. The hardy asters are rapidly gaining in appreciation and popularity. It is to be regretted that the botanists have the species so badly mixed and the duplication of varietal names will further add to the confusion.

Time to get together

Every retail seedman will probably agree with us that a better harmony and mutual understanding is something greatly to be desired among the retail seed trade. Prices on many things have been so much at variance that the man quoting the higher figures has been accused of overcharging and the one who happened to be the lowest has had to face the suspicion that he was carrying inferior stock. The conditions which have been in part responsible for this unfortunate confusion have, for the time being, been to a considerable extent eliminated. In other words, Nature, in imposing a period of famine, has done for the seed trade what it has been unable to do for itself and the situation now existing is far from being an unqualified calamity if the trade will only take advantage of the opportunity to agree upon some general basis for establishing fair living prices henceforth and eliminating cut-throat policies. We know of an instance where one prominent house has gone so far as to submit to a rival house portions of their vegetable seed catalogue proofs and if the spirit thus shown could be more generally cultivated we believe the trade would benefit, while the public would not suffer in the least. We do not suggest a trust or any arbitrary compacts but merely the promotion of a better understanding and agreement as to the basis of values. The seedsmen are at the disadvantage of having almost his entire year's business crowded into a few weeks and where other industries can turn their money over and over again in the course of a year he must be content with doing it but once. A retail seed trade organization, patterned possibly on the lines of the Wholesale Seedsmen's League, would be a wise move in the present crisis.
**Fruit and Vegetables Under Glass**

**STRAWBERRIES**

With December coming in activities in the fruit department brighten up considerably. It is the commencement of another season with its hidden future and the first crops are got under way. A first batch of strawberries can be brought in and placed on a shelf or bench near the glass, in any house having a temperature of 40 to 45 at night. Remove any dead foliage, see that the drainage is clear, and clean the pots; there's nothing like cleanliness right from the start. When the pots dry out sufficiently go through them with the rammer, firming them down where frosts and rains have loosened the balls. An application of weak root water, after being in the house a week or two, will help to sweeten the soil and also drive out any worms which may have found their way into the pot while the plant was growing. Syringe the plants over twice daily in all favorable weather.

**MELONS**

To have ripe melons through April sow the seeds at once using well drained three-inch pots, placing a single seed in each. These will be ready for planting out before Christmas and with the season advancing with them, will soon develop into strong plants. The first three months of the year are the worst for finishing melons off. They can be grown the whole year round, but are a very expensive luxury in these three months; the percentage of "finished" fruits will be at its lowest. From now on, however, success can be assured and sowings can be made at regular intervals. Hero of Lockinge is second to none for this early work. "His Eminence" with its strong constitution is a sure setter and finishes its fruit well. Superlative is a good Green Flesh.

**PEACHES AND NECTARINES IN POTS**

These will now respond to treatment. To do them justice a house must be devoted to them, which avoids shifting and consequent bruising of the fruits later on. They can also be grown in wineries when the young canes do not occupy all the wires, thus giving the trees beneath sufficient light. As soon as dry enough after housing make the bales firm which may have been loosened since potting, by rain or frost. Give a night temperature of 40 to 45 and keep a good humid atmosphere. Syringe the trees over twice daily and see that the water used for both watering and syringing is tepid. Varieties which will be found suitable for this early work are Duke of York, Alexander and Hale's Early peaches; Cardinal and Early Rivers nectarines. Pot trees started now should have ripe fruit about the middle of April. Houses containing planted out trees can also be started similarly. The trees in pots will have the advantage of ripening two weeks earlier than the planted out ones of similar variety. Should the border be at all on the dry side give a watering at the time of starting.

**POT VINES**

Pot vines started now will have ripe fruit the first week in May. As HORTICULTURE illustrated three weeks ago, good crops can be produced from a twelve-inch pot and for the amount of space occupied these are very profitable. Black Hamburg is the most serviceable variety for this early work. Later on such varieties as Madresfield Court, Foster's Seedling and Muscat of Alexandria can be successfully grown. Bottom heat is advisable for vines being started now and is best supplied in hot-bed form, thus serving a dual purpose of bottom heat and mulching later on, when the growing roots will also ramble through this and will pick up so much food. Make up hoiled material of equal parts of stable manure and leaves, well mixed together. The pots should be stood on a bench sufficiently deep to allow of their being plunged to the rim making the material quite firm around them. Bend the canes down to secure an even break and syringe two or three times daily with tepid water until growth commences. Keep a night temperature of 40 to 45 advancing 10 to 15 degrees through the day with sun heat. Vines planted out can also be started now providing that suitable varieties are in the house.

**VEGETABLES**

Continue to sow more beans as the older ones wear out. The old soil should be replenished with a dressing of manure or replaced with new. The advantage of sowing the quickest maturing varieties will now be very forcibly demonstrated. Black Valentine is second to none in this respect and is always a good cropper. Spinach will grow very slowly from now on. Only the large leaves should be gathered. New Zealand variety will be found the greatest yielder and quickest grower. Cultivate the soil between the rows at regular intervals. A little stimulant in the form of liquid cow manure will help them. Parsley, too, will be similar to spinach. Work in a sprinkling of wood ashes when cultivating.

---

**George H. Benson**

---

**SEE NEXT WEEK'S ISSUE**

**Our Seventh Anniversary**

For Some Good Things in Reading Matter and in Trade Advertising
ROBERT CRAIG'S REMINISCENCES

We take pleasure in presenting here with a few interesting extracts from the talk given by Robert Craig, Philadelphia, at the Michell Saturday Night Club in Horticulture on November 25. In connection with this lecture there was an exhibit of the new scarlet carnation St. Nicholas.

The subject of my talk this afternoon is Progress in Floriculture. This subject I did not select myself, and, as I have not had time to collect such material as I wanted in this particular field, I think I will relate some of the facts that have come under my observation in the past half century, the period of time that I have been engaged in the horticultural line, and which I believe will prove of considerable interest to my hearers, particularly to the younger ones.

At that time, that is, about fifty years ago, there were only about a dozen greenhouses in Philadelphia, and the principal ones were Dryburgh, Sherwood, Dick, Buist, Mackenzie, Ritchie, Ferguson, Karl Muller and Robert Scott. In fact I was writing to hear John Dick tell of his early career when I decided to enter the floricultural field for myself in business. He was, as a young man, a private gardener, in charge of the greenhouses of Dr. Pepper. Nevada. Ten years ago he had saved a little money which he invested, in partnership with Jas. Ritchie, at Third & Berks Sts., under the firm name of Ritchie & Dick. In about two years the firm dissolved, Ritchie retaining the old place and Dick locating at 32nd St. and Darby Road. Some of his friends tried to dissuade him from starting, using the argument that Dryburgh and Sherwood who had already embarked in business, could supply all the demand and that there really was no chance for another, but he succeeded.

As early as I can recall anything in connection with the business, there were always timid souls, including myself, who made a pessimistic view of the future.

I was quite early in life engaged practically in the business, working in the nursery of my uncle in West Philadelphia, the nursery of my father who had a small place on Irish Track Lane below Federal Street. Irish Track Lane started at Broad and Market and ran diagonally to about 19th St. and Back Road in that section of the city known as the Neck; it terminated at about what is Snyder Ave. today; it was a track or wagon road cut through in woods by the Irish Societies in Revolutionary times and has now entirely disappeared. West Philadelphia at that time was a deserted and was very sparsely populated.

It is interesting to recall the character of the greenhouse structure of this time; it was very crude and cheap. Houses glazed mostly with 6x8 glass, and heated by very cheap furnaces connected with brick and terra cotta flues, with the result that the plants were practically always at or near the freezing temperature during the coldest of winters at the time.

In the line of cut flowers, especially in winter, the advance was quite marvellous than it was in the plant business. The sale of cut flowers started too late in the season to be of much account. Each grower had to do mostly with plants used for bedding out in spring; the great business which now exists in producing and selling plants for home adornment in winter and porch decoration in summer was not known, and the preparation of fine blossom plants for Christmas, and the need of flowers in winter even if they had been otherwise correctly treated. The houses were glazed mostly with 6x8 glass and were built with too much wood work, and the heat-processes were badly heated, too, with the result that few flowers were had before spring and those of so inferior a character that they could not be sold without money value today. They were cut without stems and sent to the retailer in all colors mixed. The bright imagination of those days could not conceive of the beautiful flowers that are produced so freely today. The advanced growers of carnations in England and Germany today look to us with a humorous smile.

In roses, too, especially for cut flowers, winter culture, both in quantity and quality has been most astonishing. I can recall the time when there were only two houses in the country producing cut flowers at all. There are few in two or three small and poorly constructed, devoted to the culture of roses for cut flowers in winter; and they now do a huge business, sending too dark to produce flowers in winter.

These houses were on Andrew Dryburgh's place at 19th and Race streets and the other at Robert Buis's, 67th street and Elmwood avenue. In Dryburgh's house a number of varieties; La Pactole 1 remember as being prominent. In Buist's houses were Roi Silence, Saltaire, La Pactole and Duchesse de Brabant; none of the flowers produced in either houses would have any market value today. It is hard to credit the facts when one considers the immense quantities now grown, the number and fine character of the houses built for their culture, the almost perfect nature of the heating apparatus and the large capital invested in this branch of Floriculture. Truly, rose growing has increased more than a thousand fold in the past half century.

When we look back at the cheap and unsuitable structure used so short a time ago and then contemplate such huge and magnificent houses as are now directed by modern growers and the fine stock produced therein, we cannot adequately express our astonishment. In the preconceived notions these large houses seem to be comparatively easily heated, and to produce under good management in large quantities in greater quantities. Visitors from England and Germany, which nations were embarking in carnation culture centuries before we did, were in admiration when they see our wonderful culture. Forty years ago we had only half a dozen inferior varieties; Degräw (white) and LaUrifice (pink) were the two best and the methods of culture were just as inferior as the varieties. They were planted outdoors just as we do now but they were not brought into the houses until October and sometimes not even until November; they were put into houses not at all heated but flowers were grown in winter even if they had been otherwise correctly treated. The houses were glazed mostly with 6x8 glass and were built with too much wood work, and the heat-processes were badly heated, too, with the result that few flowers were had before spring and those of so inferior a character that they could not be sold without money value today. They were cut without stems and sent to the retailer in all colors mixed. The bright imagination of those days could not conceive of the beautiful flowers that are produced so freely today. The advanced growers of carnations in England and Germany today look to us with a humorous smile.
TWO NEW CHRYSANTHEMUMS

Mrs. A. M. Henshaw, a snow white flower, gracefully inclosed petals. A rather tall grower but should hold its own with any other white on the exhibition tables. A promising variety, named after one of New York's popular wholesale florists.

C. H. Totty says of Mrs. Gilbert Drabble, "My 'best introduction for 1912'; so surely it is well worthy of the Cover Position in HORTICULTURE. It is described as a splendid flower of the purest possible white; the petals arranged in a whirled form different in type from any white we have. The foliage is right up to the flower and the stem "stiff as an iron rod." Our readers will make no mistake in buying these three novelties.

Mrs. A. M. Henshaw

This is another of Mr. Totty's 1912 pets. In writing about it he says: "There is nothing small about the original owner of the name and I thought it only in keeping to name a big 'mum' after him. This is a crimson with bronze reverse and will make a flower as large as the re-doubtable Woodmason, with the color infinitely better."

William Kleinheinz

Go but returned with only twenty-nine roses after being absent for two days. In the retail business the same crudeness existed, I recollect when there were no retail flower shops on the ground floor in Philadelphia; Hanft Bros. had a basement on Chestnut street between Broad and 15th streets, and James Ritchie had a cellar on the northwest corner of Eighth and Sansom streets. The first shop on the level of the street was open in a one-story structure on 12th street below Market by Pennock Bros.

Orchids were scarcely known commercially; now they are grown by the hundred thousand for the Philadelphia market, some men making their culture a specialty to the exclusion of all other lines of work. Instead of a few plants being imported occasionally from Europe by amateurs there is a steady annual supply coming in from South America and other countries which are the native habitat of these gorgeous and elegant flowers.

The growth of the wholesale commission business in Philadelphia also shows in a marked way the increase in the business; the immense warehouses needed to hold the stock coming in daily, at times literally in car loads, is certainly impressive. The question arises how is a market now found for the great quantity now produced. One answer is that the prices have become so low that people in moderate circumstances can now afford to indulge in what was at one time an extravagant and almost impossible luxury; and it is a fact that a large supply often creates a large demand. This fact was well illustrated by Peter Barr, the great specialist in narcissus, who visited Philadelphia a few years ago. He said that in the early history of his business when his stock consisted only of a few hundred he sold them by the dozen, but as his business grew and he finally planted fifty thousand rare bulbs on the banks bordering his place he received several orders from wealthy patrons for fifty thousand just such bulbs; the supply created the demand.

There will be many times, no doubt, when there will be "gluts" in the market and the business temporarily unprofitable as is always the case when there is an over-supply of perishable merchandise. As a matter of fact, the business never has been one of large profits and probably never will be. Men do not rapidly become millionaires in the florist business as they may do in the wine and liquor and tobacco business. E. G. Hill, who is well-known to most of you told me of his attending a banquet of wine growers and merchants in France. More than fifty sat down to the table and each one was worth more than a million dollars; no one has ever heard of a florists' banquet to which the participants were so financially situated. If flowers should ever become as popular and as eagerly sought after as tobacco then we might all grow rapidly rich. But we have our compensations, if we cannot make money fast we know our products tend to the elevation, refinement and happiness of mankind.

Mount Sterling, Ky.—Graser & Humphreys have given up the greenhouses 45 West Main street to John Corbett, from whom they leased them. Mr. Corbett has remodeled the place and will conduct a general florist's business.
This great annual show was held November 3rd. to 12th, at the Cour- la-Relie as usual in a huge temporary building constructed for the purpose. The site is a superb one close to the Champs Elysées, along side the Seine, in an established avenue and consequently the visitors are legion. The first Sunday afternoon, if fine is a sight, for 30,000 to 35,000 well-dressed, genteel people are crammed into the show and locomotion becomes a difficult matter. One, with in the charmed circle the visitor finds himself treading his way along an immense promenade consisting of several parallel paths and along them are the usual exhibits of trained fruit trees, the pride of the French gardener. There are also at intervals nice ornamental hardy shrubs, conifers, etc., in great variety and many of the leading nurserymen of France. In and around this promenade and the show building are the Horticultural In- dustries, florists, and dealers. This show of itself; greenhouses, summer- houses, frames, garden pottery, statues, vases, fencing, boilers, pumps, garden- tools, and accessories, apparatus, etc.

The greatest feature of the Autumn Show is the fruit. Apples, pears and grapes are staged in vast quantities and the individual exhibits are of incredible size with sizes of fruit that appear huge. The general arrangement was adopted by many. Many exhibits are in sample glass cases; some are in pretty baskets tied up with colored ribbons and the like, especially are superb. Passing into the great show hall, as we may call it, the visitor goes under a pergola formed of vine branches. Right and left are festoons of berries and under the arches are a series of glass cases containing an immense variety of grapes of all kinds and shapes. In fact nearly all the exhibits in sample glass cases were of staging, in most instances in very attractive style. One exhibitor alone had a 60 ft. run of handsome glass cases containing a choice assortment of handsome grapes, peaches and pears.

Flowers other than chrysanthemums were freely shown. Almost the first exhibit on entering the show was that by M. Geo. Bouchard who put up a group of Clematis. We noted: Xerex, Ville de Paris, Venosa, Mme. Grange, Gyspy Queen, Mme. Van Hoeuff, Ville de Lyon, M. Hope and others among the most attractive. There were many dahlias, but by far the most interesting was from Messrs. Cayeux and Leclere. Two large double- faced sloping banks of cactus and decorative dahlias in pyramids was an effective exhibit. Carnations came from several exhibitors—Messrs. Stuart Low & Co. had a neat little collection staged in good form.

In M. Nonin's big display we noted carnations on one flank. Tuberous begonias, brilliantly displayed on sloping banks halfway across the show, the colors divided in "randykols" division were well shown in accordance with the invariable practice by the two leading exhibitors Messrs Valerand and Billard.

Many other flower exhibits were staged, of course, we noticed a pretty lot of lilies from Leon Fontenelle. The Maison Ferard put up a little square bed of cyclamen. There was a nice collection of hydrangeas by M. Andrieux & Co. M. Nonin; he had varieties Radiant, Vieux Chateau, Mme. Emil Mulliere, Bouquet Rose, etc., in fine heads of bloom.

The chrysanthemum classes were well filled and in the plant section some good entries were made. Vil- morin Andrieux & Co., staged a huge collection of handsomely trained plants of various kinds and sizes. We saw the most imposing set of pot plants in the show and made a grand effect. Aug. Nonin's novelties were numerous, of a more double and sleepy variety. The exhibitors in this section were very numerous, including names of world-wide re- pute but space forbids these details.

The best cut-bloom exhibit was staged by A. C. Zimmerman, M. Em- enson who put up a lovely exhibit of the finest show sorts. He carried off important prizes in all the classes entered, while Lahie had some nice blooms of choice varieties and staged in French style. Other cut blooms were sent in by Ch. Gervais, Louis Le- clere and Henri Crepin, the latter putting his show flowers in good style and en- livened with Salvia splendens, palms, musa and an edging of achrysanthes. The Crepin Challenge Cup value 1000 francs was won by Zimmerman & Sons with a neat little lot of cut blooms. Paul Ferou, Morin and Merigen were among others who had noteworthy collections in this section.

The side room allotted to stove plants and orchids did not contain a very large display. Edward V. Low of Yale Bridge, Haywards Heath, showed his collection of Cypripediums. Messrs, Maron et fils showed in their group: Cattleya Sigurd, Laelio- Cattleya Bright Star, Cattleya Fabia Alba.

Floral art was well sustained. Geo. Trufaut staged vases of roses on a turf lawn in the most effective style, Ed. Debril, a well known Paris florist, had some fine figures in many examples. The Laschaume firm also sent traditional exhibits. H. Pillon sent a basket of white lilac and arranged a little bacsne arbor, decorated with plants of chrysanthemums.

Only those who know the Paris Autumn Show can form an idea of the vast extent of the building, on the ground floor and the immense variety of the kinds produced. Vilmorin Andrieux & Co., took the premier place. They had portraits pictures of large vases arranged in a row containing an enormous display of everything in season. The establish- ment—"A la Pensee," also staged a long border of excellent vegetables with the addition of cactus dahlias. A large group of vegetables and sand-8ings was sent by the Ecole d' Horti- culture St. Nicolas. M. Compoutil, in the glass case 35 ft. long, also de- monstrated the art of Asparagus culture—quite an instructive object lesson.

Horticultural literature had a sec- tion devoted to it as also did the fine picture gallery devoted to the show in which were exhibited many interesting works of art in oil and water colors. As soon as the prizes had been awarded—and here we may observe they consist of grand prizes of honor given by the president, M. Faillieres, the mayor, and the proprietors of public instruction and other donors, guests and jury are trooped off to the Restaurant Ledoyen in the Champs Elysées. Our American friends who know Paris will understand what it means to lunch chez Ledoyen. It is a feast fit for epicures, let alone a set of hungry jurymen. M. Viger pres- ided, surrounded by the officers of the society and some of the notables of Paris. Among the horticulturists we noticed Abel Chatenay, Albert Truf- aut, M. Andrieux, M. Morin, Vil- morin, Jules Vacherot, H. Martinet, Lucien Chaure, Ch. Arranger, Bois, Boly, Gibault, Crepin, but there—we must stop. Two grand prizes of honor to M. Pinon for trained plants of chrysanthemums; other prizes of honor to Coedonnier & Sons for grapes, Solomon & Sons for grapes, Debril for floral decoration, Calvat for new seedling chrysanthemums, and so on. Complimentary speeches were made by the representatives of the ministry of agriculture, by the president of the Paris municipal council, by M. Vi- ger, by M. Deloncle, Deputy for the Seine, by M. Lepine, etc., and by Harman Payne for the visitors.

C. HARMAN PAYNE.

SHORT COURSE IN FLORICUL- TURE, MASSACHUSETTS AGRICUL- TURAL COLLEGE.

The short course in floriculture will be given as usual beginning the 2nd of January and closing on March 8th. The lecture course given in the morn- ing will cover general subjects of interest and value to the commercial florist. The afternoon will be spent in practical work in the greenhouse range. In addition to the lectures given on distinctly floricultural subjects, lectures in soil fertility, botany and azoology will be given and other lectures on field crops, fruit growing, market gardening or landscape gardening may be taken. On Saturdays an observation trip will be taken to some of the commercial greenhouses in the vicinity of Amherst and one trip will be arranged to the commercial places in the south- ern part of the state. The practical men who have co-operated so gener-
Boddington's Forcing Gladiolus

GLADIOLUS, Colvilletel and Nanus (type)
Plant some of these among your carnations; they will come in only at any time. Very good.

Blushing Bride. Flowers are large, pure white with delicate pink spot. Useful for early forcing. 100 $0.75 $5.00

Peach Blossom. A most charming variety of all the Colville type of Gladiolus; the color is a lovely soft pink, on the order of the Killarney rose. 100 $1.00 $8.00

The Bride (Colville alba). This lovely white miniature Gladiolus makes a useful cut-flower for early spring use; will stand forcing. 100 $0.35 $6.00

Gladiolus Candavensis Hybrids
Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladiolus are a good catch-crop and take up but little room. The following are the best for this purpose:

100 $1.00 $10.00

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. 100 $3.25 $30.00

Augusta. The florists' best white Gladiolus.
First size bulbs, 1½ inches up. 100 $2.00 $18.00

Bulbs, 1½ to 2½ inches. 100 $1.75 $16.00

Shakespeare. White and rose.
May. Pure white, flaked rosy crimson; the best for forcing; selected bulbs. 100 $1.75 $15.00

Bredelaynus (true). Fiery scarlet; top costs.
First size bulbs, 2½ inches and up. 100 $1.75 $15.00

Selected bulbs. 100 $1.25 $12.00

First size. 100 $1.00 $9.00

Boddington's White and Light. Extra-
selected bulbs, 1½ inches and up. 100 $1.50 $14.00

American Hybrids. A mixture of the choicest varieties of Gladiolus. 100 $1.00 $9.00

SPIRAEAE, or ASTILBE

Asiloides Berinoua. 100 doz. $0.90 $9.00

Compacta multiflora. 100 doz. $0.60 $6.00

Gladiolus. 100 doz. $0.40 $4.00

Enormous spikes of pure white flowers. 100 doz. $3.50 $35.00

Queen of Holland. One of the finest, grandest Dutch's variety. 100 doz. $2.50 $25.00

Japonica. 100 doz. $3.00 $30.00

SPANISH IRIS

IRIS HISPANICA

The true value of this iris appears to have been overlooked in this country. The great diversity of color and its being equally adapted for forcing and making in beds make it one of the most useful bulbs to plant.

100 $1.00 $10.00

Alexander von Humboldt. Dark blue. 100 doz. $0.50 $5.00

Belie Chineuse. Pure yellow. 100 doz. $0.50 $5.00

Bianche Superbe. Pure white. 100 doz. $0.50 $5.00

Bianche Plenr. White with pale center. 100 doz. $0.50 $5.00

British Queen. White with white veins. 100 doz. $0.55 $5.50

Calchas. Beautiful deep golden yellow. 100 doz. $0.50 $5.00

Chrysantha. Pure yellow. 100 doz. $0.50 $5.00

Darling. Blue; very fine; early. 100 doz. $0.50 $5.00

Mixed, all colors. 100 doz. $0.75 $7.50

ARThUR T. Boddington, Seedsman, 342 West 14th St.
NEW YORK CITY
BOSTON NOTES.

Jackson Dawson is on the sick list this week.

Bennie Schneider, of H. Robinson & Co., lost his wife by death on Monday, Nov. 26.

H. M. Robinson & Co. have built a display case in the Co-operative Florist Madack.

J. A. Pettigrew has gone on a two weeks' recreation trip, one week of which has been spent in a visit to his son, Dr. Pettigrew, in Youngstown, Ohio.

Hartford & McDonough, 70 Pember- ton Sq., have quite a force making up greens for Christmas trade. This new firm reports business very satisfactory.

A new crimson chrysanthemum, Harvard, from E. D. Smith & Co., more of a Harvard color than Shrimpton, was before the Boston committee of the Chrysanthemum Society of America Nov. 18.

The Beacon Florist, 2 Beacon St., has moved to 7 Beacon St. into Huntington & Dutton's store. Their display refrigerator stands directly in front of one of the entrances. Better light and more trade in the new location, it is said.

Notice the advertisement by Thomas J. Grey Co. of the new and greatly improved Jerusalem Cherry, Solanum Capsicastrum Melvini. In this novelty the fruit is not hidden by the leaves but stands erect away from the foliage and crowded towards the tips of the branches. It makes an ideal holiday plant.

The florists' supply department of Welch Bros. has just undergone a thorough renovating and is an exposition in itself of what is newest and best in a practical way for the regular stock in hand of the up-to-date florist. It occupies the entire basement floor of the building at 226 Devonsire street, is brilliantly light- ed and well worth a visit. There is nothing worse having that one cannot find there in the line of florists' requisites.

CINCINNATI NOTES.

Bowling, Monday, December 4th, at Flinke's alleys.

Geo. Klotter's barn burned early Monday morning. He lost some fine cattle in the conflagration.

P. Weiland, who has a range of glass at New Castle, Ind., opens a wholesale house at 114 Third Avenue East in this city on December 1st.

Wm. Murphy opens an "annex" on Third street this week, to facilitate the handling of his Christmas goods.


R. Grendening, writing in The Gardener's Chronicle, says that Opuntia Missouriensis should succeed in Britain if covered with a sheet of glass in the winter, "as it is sometimes subject to a few degrees of frost growing wild." Opuntia Missouriensis is hardy as far north as Massachusetts where zero temperatures and sometimes even lower occur.

PERSONAL.

William Wickham has charge of the Oakwood cemetery, Adrian, Mich.

Vernon A. Sherwood has resumed his position at the greenhouses of Mrs. J. L. Gardner, Brookline, Mass.

Augustus Zirngiebel, formerly of Needham, Mass., is now in the employ of W. A. Mauda, as traveling salesman.

Henry I. Tucker, formerly of Hopkinton, Ky., is now in charge of the sales department of the Pleasant View Greenhouse, Madisonville, Ky.

Herbert L. Betts, for the past two years gardener for J. J. Glessner, Rocks Estate, Littleton, N. H., sailed on the France last week for a visit to his old home in Falmouth, England.

George Shields, foreman for A. Leuthy, Roslindale, Mass., is now convalescing nicely after a long siege of pneumonia, during which his life was despaired of, having suffered a relapse.

All will be glad to know that James Bell is out of the hospital and home with his family at Crawford, N. J. Though week after all his trials and troubles he hopes soon to be among the many friends who sympathized with him.

The many friends of that sterling gardener, William Palmason, South Lancaster, Mass., will be sorry to learn that owing to trouble with his nostrils he has had to undergo an operation in a private hospital in Boston on Monday last. He expects to be over the worst of it in a week and to meet the boys at the New York gathering.

Boston Visitors—D. Cameron, representing J. E. & W. Alman, South St., Lancaster, Pa. Mr. Cameron will sail for home on Dec. 16; Ernest Chamberlain, New Bedford, Mass.


DURING RECESS.

Chicago Bowling Score Nov. 22.

BOSTON NOTES.

The D. D. Johnson Co. expect to have matters in shape so that an announcement may be made by the New Year and the Everygreen Tree Fertilizer will be manufactured in larger quantities than ever before.

Peehlmann Bros. are about to move from the corner of Wabash avenue and Randolph street, to 72 E. Randolph street, second floor where they will have three times their present floor space.

John Kidwell, president of The Chicago Flower Growers' Association, is very optimistic on the outlook for the winter. He says that the hopeful new plant at the new place is fully up to what he had anticipated.

The E. H. Hunt Co. has made arrangements for the exclusive handling of the baskets and novelties of one of the largest manufacturers in Germany. They will have a full line of samples here by January 1st.

Jas. G. Hancock, who presides over the office for Frank Oechslin, is serving as juror this week. A trip to the Oechslin greenhouses always pays, but especially now while the holiday stock of plants is daily getting to be in that state of perfection rarely equaled by any other grower. Mr. Oechslin grows plants only and his is Chicago's show place in that line.

Visitors: Jos Labo, Joliet, Ill.; Mrs. A. Guillaume and son, La Crosse, Wis.; Mr. Kreimer of the Duluth Florist Co., Duluth, Minn.

BALTIMORE NOTES.

Geo. F. Lursen has opened a branch floral store on Baltimore street.

John Cook, Baltimore's great rose grower, will soon go to Miami, Florida, where he usually spends his winters.

Investigations made to the greatest horticultural show the state has ever had, next week. All available space in the big Armory has been taken.

Capt. Emerson, proprietor of Balti- more's greatest greenhouses, has purchased "Brooklandwood," a large estate in Green Spring valley. Chas. L. Seybold, formerly superintendent of Carroll Park, is engaged to do some landscaping work on the place, and has already commenced. Immense green houses will be erected where raising vegetables in winter will be one of the specialties. Many other decorative plants will also have especial attention.

ST. LOUIS NOTES.

Chester Beyer of Beyer Bros. is again laid up with a lame foot and is secluded to his room at his residence on South Grand avenue.

Wm. Young had a narrow escape from being killed last week in an elevator in an office building, but luckily he came out with only a few scraps about the head.

DREER'S SPECIAL VALUES IN PHOENIX ROEBELENI

Our stock of this beautiful, graceful, hardy Palm is in prime condition and of good value.

PHOENIX ROEBELENI. Specimens
6 in. pots, 1½ ft. high, 2 ft. spread...... $2.00 each
8 in. tubs, 20 to 22 in. high, 24 in. spread . 3.00 each
8 in. tubs, 2 ft. high, 2½ ft. spread heavy . 5.00 each
12 in. tubs, 3 ft. high, 3½ ft. spread heavy . 12.50 each
14 in. tubs, 3 ft. high, 4½ ft. spread heavy . 35.00 each
15 in. tubs, 3 ft. high, 6 ft. spread heavy ...... 50.00 each

A nice lot of young plants in 2½ inch pots for growing on.
$1.50 per dozen; $12 per 100; $110 per 1000.

For a complete line of Seasonable Decorative Stock see our Special Circular of October 12th. If you did not receive a copy write us and we will send you one.

Are you interested in Dahlias, either as a cut-flower proposition or for cataloging? If so send for our Special Wholesale Catalogue of Dahlias quoting special prices on field roots for early orders.

The above is intended for the trade only.

NEWS NOTES.
Hion, N. Y.—Fire destroyed the greenhouses of Gordon Bros., florists, Gordon place, on Nov. 21. Loss about $2,000.
Bloomsburg, Pa.—A water tank with a capacity of 29,000 gallons has been installed at the Fifth street greenhouses of J. L. Dillon.
Lyons, N. Y.—Herbert M. Whiting of Geneva has filed a certificate to do a nursery business in Wayne county as the Whiting Nursery Company.
Rome, N. Y.—The plant recently occupied by Kipp & Edwards is again occupied by E. J. Byam, the owner. He has engaged Joseph Watkins as grower.
Brookline, Mass.—F. E. Palmer has purchased twenty-five acres of land near town and will eventually move his greenhouses there. He is starting a nursery to supply his landscape department.
Painesville, O.—The Painesville Garden & Greenhouse Co. recently incorporated, is a new firm that will take up mainly the forcing of vegetables. They expect to be ready for business by the fall of 1912. At present they have four greenhouses that cover about three-fifths of an acre of land and they cultivate five acres. A. E. McKee is president; S. T. Potts, vice-president; E. H. Hawley, secretary, and Ed. Wirtzman, treasurer.

"JARDINAGE."
Here is another new candidate for public favor and those of our readers who are interested in French horticulture will find in it a most artistic and well gotten up publication. The new Journal is a monthly one and the subscription is 6 francs for readers outside France. The text and illustrations are really done in very nice style, the articles are by well known French writers, viz.: Messrs. Geo. Truffaut, E. de Gas, Jules Vacherot, Pl: de Vilmorin, Geo. Bellair, etc.
The office of the new Journal is 50 bis Avenue de Paris, Versailles. The editorial department is under the care of our old friend George Truffaut, to whom we wish all success in his new undertaking.

FLORISTS' HARDY SUPPLIES

Dagger and Fancy Ferns, Moss, Galax, Laurel Roping, Southern Smilax, Boxwood, Etc.

Hartford & McDonough 70 PEMBERTON SQ., BOSTON

IN THE SWIM

I must be in the swim,
You might forget my name,
And say that I am to blame,
If you do not get the best.
Christmas Trees, Spruce or Balsam, from one foot to thirty, in any quantity; Balled Spruce, Balsam, Hemlock Boughs, Laurel and Evergreen Foliage and Wreaths. Shipman moss, Hardy Cut Fancy and Daggger Ferns. Yearly Contracts Made. Send for Price List and order your Christmas Trees now. GET THE BEST.
CLUBS AND SOCIETIES

AMERICAN ROSE SOCIETY.

Detroit Exhibition.

Detroit flower people are wide awake in giving full local notice to their 300,000 people that the American Rose Society will arrive in the city January 16, 11 and 12, 1912. The premium list is out and any additions as special will be placed there as fast as the committee, which has been in session for years past, can give them. Specials have been given even up to the very last days. Twenty-four persons have subscribed to the guarantee fund; Chicago people will do their best and this means a great deal.

A public show of this kind in which roses, carnations and local treatments will combine with the big floral exhibit, will be held in the Wayne Pavilion, known as the Crystal Palace. It is certain to be so attractive in a city of homes and gardens like Detroit that the place will be well filled. Wallace R. Pierson has been on a missionary tour of good will from East to West. Do you know that the American Rose Society has only granted two gold medals—the last one was voted to M. H. Walsh and this medal of pure gold was duly forwarded to him. And herein lies a bit of affection. When the name of the rose for which the medal was given was asked, Mr. Walsh remembered his wife and said to the finest white rose, Mrs. M. H. Walsh. The Executive Committee will meet shortly to go over all details pertaining to the coming annual meeting; several committees will have reports to make.

BENJAMIN HAMMOND, Secy.
Fishkill-on-Hudson, N. Y.
Nov. 27, 1911.

DETROIT SHOW PREPARATIONS.

Mr. Dilger, manager of the coming show of the Rose and Carnation Society, keeps the various committees bustling and stirs up something new every day. He brought out one point which ought to be looked into by the S. A. F. It seems that almost everything like bomees, cattle, machinery, etc., etc., can be brought into the U. S. free of duty if for exhibition purposes. Not so with the product of the florist. On all flowers and plants an ad valorem duty of 25 per cent must be paid, even if cut flowers are to be thrown away or given away as charity after an exhibition. It seems that proper steps taken by the legislative committee of the S. A. F. ought to be successful in having the florists' product placed on the same basis as the farmers' product. Mr. Dilger also desires it to be known that small spaces—say, 200 square feet—may be rented by plant growers for displays during this convention, as also spaces for banners. There being but few opportunities of this kind, it will be necessary to make application for such space to Mr. Dilger, 36 Broadway, at an early date.

FRANK DANZER.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

Better Flower Deliversies Secured.

The following supplementary report of the Tariff and Legislative Committee has been approved by Sec. Donner of the S. A. F., by Chairman G. Esler of that committee:

The Tariff and Legislative Committee of S. A. F. and O. H. are able to announce that In the controversy with the United States Express Co., which has been going on during the past six months the inefficient delivery of cut flowers, the company has acceded to the representations of the committee, and has established a satisfactory and efficient delivery, without appeal to the Inter-state Commerce Commission.

The chairman desires to state that if the florists of the country could only understand the necessity of concrete action, over individual effort, in dealing with corporations, every producer of, and dealer in, floral products, would become a member of the S. A. F. and O. H.

JOHN G. ESLER,
Chairman.

GARDENERS' AND FLORISTS' CLUB OF BALTIMORE.

The Gardeners' and Florists' Club of Baltimore held an interesting meeting Monday night. Several new members were added to the list. F. C. Bauer gave a detailed talk of a trip he recently made in Europe. He talked mainly on things of especial interest to florists. Philip B. Welsh was elected a delegate to the Florists' League, which will meet here during the annual exhibition of the State Horticultural Society. Next March will be the 25th anniversary of the Baltimore club. The president was authorized to appoint a committee to arrange an appropriate programme to celebrate the occasion.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Report of Examining Committee.

Exhibited by Elmer D. Smith & Co., Adrian, Michigan, Nov. 20th, Variety, "Harvard"; crimson Jap, Scored 87 points commercial scale and 84 points exhibition scale.

The variety was under number at New York, Nov. 1st, by A. C. Van Gaasbeek, Orange, N. J., has been named Helen Van Gaasbeck. The Piony viewing at Maryland, El, Ind., has been named Fairy Queen.

CHAS. W. JOHNSON, Sec.

Notes.

The Minnesota State Horticultural Society will hold its 45th annual meeting in Minneapolis, on Dec. 5-8, 1911. A big bunch of flowers will be sent up to us at the great horticultural fest.

The New York Gardeners' Society's Reunion Dinner and Entertainment will be held in the afternoon and evening of Dec. 21st, in Thum's banquet rooms and bowling alleys, 1241 Broadway. This will be a great and jolly gathering of the principal gardeners and these engaged all the June parade within a radius of one hundred miles of New York city. A large and representative committee has been appointed over the society by Joseph Manda, W. E. Marshall and J. Ivera Donlan to act as central committee in the city.

WASHINGTON NOTES.

H. L. Lamser, with Z. D. Blackstone, has just returned from a short trip through Maryland and Virginia. Otto Bauer of the Washington Florists Co. has been selected as one of the judges of flowers during Maryland Week at Baltimore, December 4 to 9.

Gude Bros. exhibited a fine selection of chrysanthemums and American Beauty roses at the Maryland-Virginia Apple Show held in the Masonic Temple during the week.

J. Henry Small has been named as a member of the Committee of the Washington Board of Trade, and he and William F. Gude are also members of the Sleman Memorial Committee.

A very interesting meeting may be expected on Tuesday, December 5, when the Florists' Club of Washington will again get together. A number of important matters will be brought up for discussion and a large attendance is expected.

Michael J. McCabe, who operates a shoe store at Prince and Massachusetts Ave. has opened a branch in the Riggs Market. His son, Harry, will be in charge of the latter place. The opening was marked with a fine showing of Killarney and Richmond roses.

Shipments of fertilizer to points on the Potomac River are running very heavy and on each trip of the steamers from Alexandria to the lower Potomac points many hundreds of bags are carried. Alexandria fertilizer plants are getting their share of the business, the receipts, however, are not heavy at any other points. It is believed these heavy shipments will continue for a long time to come.

B. T. Gordon has severed his connection with the Washington Florists Co. and has entered the employ of James A. Phillips, 2925 Fourteenth Street, N. W. The Washington Florists Co. have also lost from their employ Miss Mattie Williams, who, for a long time, was their bookkeeper and saleslady. She is receiving the congratulations of her friends on her marriage to Mr. Richard Garrett. After an extended honeymoon the couple will reside in Wilmington, N. C., where the room is located.

The Washington Florists Co. have a prize-winning window trim this week which is very suggestive of the season. In the centre, suspended from the ceiling, is a gigantic horn of plenty from which seems to come tumbling in an artistic manner, a number of pumpkins, ears of corn and large yel- low cabbages, all white everglow the brillianlly set off with greens. On either side of this small rustic baskets of Killarneys and other roses are placed, as also a large rustic basket. Surrounding the flowers are bunches of corn stalks and more pumpkins and the whole is arched over with twigs and autumn leaves.

CLARENCE L. LINZ.
Educational Trains
now bring the facts from the Experiment Station direct
to the Farmer.

The Experiment Station men are anxious to discuss the questions of most value
to those who require the service. Ask them to bring along an exhibit of fertilizer
materials and to tell you how to get the most plant-food for your money.

Recently one train gave demonstrations of actual fertilizer mixing. Soon many
will do so. Take your fertilizer dealer to these trains. Ask him to sell Potash
Mixtures at 5 per cent. Perishable.

We shall be glad to send you, free, pamphlets prepared by the best practical
authorities on fertilizers for various crops and soils. Write today, mentioning
crops and soils that you wish to improve.

GERMAN KALI WORKS, Inc.
Continental Building, Baltimore, 300 Monadnock Block, Chicago
93 Nassau Street, New York

Seed Trade

American vs. English Grown Sweet Peas.

The following interesting communication has been sent to me by Ralph M. Ward,
Editor of the HORTICULTURE, by George W. Kerr. I can cordially endorse same as
I thoroughly agree with knowledge gained from my own training in Europe
and from the many exhibitors in America extending over a period of
28 years. Any Britisher who doubts the superiority of American-grown seeds
either for his English or for his own use should consult what that experienced
Englishman, Edwin Lonsdale, has to say of the extraordinary results in size
and perfection of bloom obtained by those having a spot—the Lompoc Valley
in California, with the sweet pea. I saw some of the Hennus samples at Fordhook trial grounds last summer.

They were nothing short of marvelous. Very much mixed and not true to descrip-
tion. I believe Lompoc Valley is the sweet pea "paradise".

GEORGE C. WATSON

Gentlemen:—
A few days ago I received a very valuable
group of Sweet Pea Catalogs from Eng-
land and, being a great admirer of our
Queen of Flowers and always thirsting
for further knowledge pertaining thereto,
I immediately proceeded to consume its
catalogs and, having done so, felt my
duty to unburden myself on some remarks
containing therein.

The introduction contains some rather
catching assertions, among which are
apparent being directed against the stocks
of other Sweet Pea specialists (0), but the
first to hold my attention was the follow-
ing statement: "The public are told seed
grown in the soil of California, which
seed is not, I maintain, best calculated to
stand the trying vagaries of the English climate.

I would not say that California-grown
Sweet Peas seed was better than well grown
English seed, but I have seen very little
of the latter for some time; for judging
by the many English novelties we try each
year the germinating qualities are "way
down," though I must in justice say that the
seed received from a few growers are all
that could be desired, approaching the
"demonial" (home-grown) samples.

In conclusion, of the forty-seven novelty
items (0) from the firm who sent me the
catalog referred to above. The packets
contained in all 140 seeds, 95 of which
germinated. Twenty-three of the varieties
were true to description, though most of
these practically synonymous with or
inferior to existing sorts, the only differ-
ce being the amount of white so mixed
that it was impossible to tell what was
intended for the variety: thirteen were en-
tirely Californian, although sold as Eng-
lish; of these three varieties no seeds germi-
nated. The seed was carefully planted in
pots during February and given cool green-
house treatment. California seed planted
on same date and under identical condi-
tions germinated 75 per cent. And yet this
grower has the audacity to criticise Amer-
ican-grown seeds, apparently forgetting that
it would be most unwise the beam that
is in thine own eye ere attempting to re-
move the mote from thy brother's eye.

It is easy that the writer of the asser-
tion in question has no earthly idea of the
seed growing conditions in California, or
such a statement would never have been
made; for, as a matter of fact, the condi-
tions there are ideal for the production
of perfect seed, and as the temperature is
equable, neither too hot nor too cold, the
resulting crops are unsurpassed, having
the highest germinating qualities and be-
ning full of vigor. The seed is planted dur-
ing February, the temperature at that
date and during the earlier stages of growth
ranging from 40 to 50 deg. Fahr., while
during the warmer and ripening period
seldom goes above 75 to 80 deg. Fahr. As
a rule, there are no rains after April, but
during July and August heavy fogs, come
in on the sea every night, thus supplying
all the moisture required for the growth
of the plant and also preventing the pods
from becoming too thick and prematurely
ripened.

As regards the soil, it is questionable if it has its equal in the world, the depth
of virgin (0) soil in some localities being
hard to determine and as no artificial fer-
tilizer of any description is used, the
Sweet Pea in California develops a natural
growth, never being forced by stimulants,
the result being that disease is practically
unknown.

In introduction, paragraph No. 4, the
grower further says: "An marine stock
always sandi produces inconceivable, even when
the seed is sowed only from flowers true
to type." Is this new Sweet Pea grown
in land or meant to catch the penny of the
suitable.

Paragraph No. 8 cites your National Sweet
Pea Society rather loosely. I was al-
ready under the impression that that body, which
contains several personal friends of mine,
was doing some unimportant, unimpor-
tant work.

Trust you will find a corner for the
above in an early issue of your journal.
Yours truly.

Ralph M. Ward

December 2, 1911

BOSTON, Dec. 22, 1911.

Excerpt from Sweet Pea List of William
H. Bliss, 295 King St., Newport, R. I.

As several of the very best Sweet Peas
have been succeeded in California, I have
during the last two seasons been experimenting in California. I proved the seed first-class as regards germinating

Horseshoe Brand Bulbs for Immediate Shipment

FORMOUS
6/7 $10.00 per case........ 350 bulbs
9/7 15.00 " ........................ 370 bulbs
7/7 18.00 " ........................ 290 "

GIANTUEM
8/9 $20.00 per case........ 400 bulbs
7 21.00 " ........................ 350 "
7/9 22.50 " ........................ 300 "
8/10 25.00 " ........................ 250 "
9/10 24.00 " ........................ 200 "
10/10 25.50 " ........................ 150 "
11/12 22.00 " ........................ 130 "

ALL f. o. b. NEW YORK

Terms 3 months or 5% for cash with order. Cold Storage deliv-

ers at any time during the season. Fall deliveries of advance orders

for Japan Lily Bulbs can be made f. o. b. New York, Pittsburg,

Chicago, Cincinnati, Memphi and Toronto. Deliveries in other cities

can be made in lots of 250 cases, up-

wards.

Write us

Ralph M. Ward & Co.
12 West Broadway

NEW YORK CITY

LATE DUG FORMOUS

Fine Large Bulbs, Thoroughly Ripened

For 1000

7 9/16 (250 bulbs to case) $11.00
9 10/24 (200 " 2) $11.00 $100.00

A. HENDERSON & CO.
30 E. RANDOLPH ST., CHICAGO

Headquarters for

SUMMER FLOWERING BULBS

Send for Trade List

John Lewis Childs

Flower—LONG ISLAND, N.Y.

Gladioli, Lilies, Iris, Madeira

Vines, Cinnamon Vines

and other Summer Flowering Bulbs

Send for price list

E. S. MILLER

Wading River, N. Y.

In ordering goods please add "I saw it in HORTICULTURE."
HEADQUARTERS FOR CHRISTMAS GREENS

Special Selected Grades for Florists.

HOLLY — MISTLETOE — LYCOPODIUM

WREATHS — Laurel, holly and lycopodium.
ROPING — Laurel and lycopodium.
MOSS — Green lump and sheet.

And all other specialties for the Holidays.
Special circular with prices mailed to all.

HENRY F. MICHELL CO. 518 MARKET STREET, PHILA., PA.

powers, and it produced splendid plants. Previous to this season Mr. F. Cooper, former head of my nursery, urged me to make use of the lycopodium, but it was never done. I have had the lycopodium in bloom and have grown them, but not until the seed was harvested. Under the care of Mr. Burt my custom foreman, that seed was true to name. Every pod of seed is gathered by hand, in the same way as is done in the other fields. Mr. Burt writes to me “I wish you would send me a few of each variety, and the seeds are grand and we have no disease on any variety.”

One of my own lycopodium seeds in California has been a great success, but I found it was the only seed that could be used, so as to offer good, strong, and healthy stock, as the seed is of a very high quality. The lycopodium is a great favorite with the florists and flower growers.

Main Seed Improvement Association.

The Maine Seed Improvement Association held its annual session at Waterville on Tuesday, Wednesday and Thursday, Nov. 22, 23, 24, with addresses on The Best Type of Field Crop for Maine Farmers, by Dr. G. M. Twitchell of Auburn; Prof. M. F. Barnes of Cornell University, on Developing Distinctive Lines of Plants, and by Dr. Raymond Pearl on Potato Improvement, were among the most interesting parts of the program. An important business was transacted. Among the resolutions adopted was the following:

Resolved, That in the opinion of the association, the most urgent need at the present time for the improvement of the crops of Maine is to obtain exact scientific knowledge as to what varieties or strains of seed of our common crops are best suited to the local conditions of soil and climate in different parts of the state. To this end the association would recommend that the carrying out as soon as possible of accurate scientific and widely distributed variety tests of the best strain of seed now to be obtained in any part of the world. As a beginning of the work the association would endorse the co-operative variety tests of the world now being conducted by the Maine Agricultural Experiment Station, and desires to record its willingness to co-operate in these tests, and would urge the extension of such tests to other crops as early a date as may be feasible.

Resolved, That the executive committee is hereby instructed to consider carefully the means of carrying out and methods of offering premiums at the future annual meetings, and that any contributions the association may make in the matter of premiums and methods of selecting the best strain of seed now to be obtained in any part of the world. As a beginning of the work the association would endorse the co-operative variety tests of the world now being conducted by the Maine Agricultural Experiment Station, and desires to record its willingness to co-operate in these tests, and would urge the extension of such tests to other crops as early a date as may be feasible.

FRENCH VEGETABLE SEEDS

Lettuce, Imported Big Boston; Forcing Lettuce (black seeded); Radish, Scarlet Globe, White Tipped Scarlet Turnip; Beet, Cayuse; Cauliflower, Early Flat and Savoy; Celery, Self-Blanching and Green; Beet, Spinach, Endive, etc., the same varieties as the market gardeners of Paris use.

BEAULIEU, Woodhaven, N. Y.

100,000

FORCING TOMATO PLANTS

In 2 1/2 inch pots at $2.00 per M. In the following varieties: Comet, Sutton’s, Winter Beauty, Sutton’s Best Of All, Sutton’s Abundance, Sutton’s A 1. Cabbage and Lettuce Plants in unlimited quantities and best market varieties.

FOX HALL FARM, NORFOLK, VA.

ONION SETS

HEADQUARTERS FOR THE E.A.N.

We carry large stocks of choice variety at both our Orange, Conn., and New York City houses. Full line all varieties of Garden and Flower Seeds. Trade List on application.

D. WOODRUFF & SONS.

Orange, Conn.

82 Dey Street.

New York City.
A PLANT NOVELTY

That everybody will want.

Solanum Capsicastrum Melvini

The best introduction in Holiday Plants, for years. A money-maker. Plant dwarf, bushy, 12 to 17 in. high, covered with brilliant scarlet berries, conical-shaped and carried well above the dark shining foliage.

Awarded First Class Certificate by Massachusetts Horticultural Society and Gardeners’ and Florists’ Club of Boston.

Grow seeds in Jan. or Feb. for next Christmas. Ten packets, $1.50; 100 pkts., $7.50.

THOMAS J. GREY CO.
32 South Market St., Boston

PEAS, BEANS, RADISH
and all Garden Seeds

LEONARD SEED CO.
225-230 W. Kinzie Street, Chicago

STOCKS FOR EASTER

Boston Flower Market

Has Had Wonderful Success
In separate Colors.
½ oz., 30c.; ¼ oz., 80c.; 1 oz., $1.00.

BOSTON

FRESH CROP ASPARAGUS PLUMOSUS NANUS SEED

(Greenhouse grown.) Due in December. We are now taking orders for both greenhouse and outside grown Asparagus Plumosus Seed. Write us.

S. S. SKIDELSKY & CO.
1215 Betz Bldg., Philadelphia.

Burpee’s Seeds

PHILADELPHIA

Blue List of Wholesale Prices mailed only to those who plant for profit.

COMPLETE STOCK FRENCH AND DUTCH
BULBS

Price list free on request.
Joseph Breck & Sons Corp.
47-54 No. Market St., BOSTON, MASS.

Farquhar’s Flower Seeds for The Florist

Write for our Wholesale Catalogue

R. & J. FARQUHAR & CO.
Boston, Mass.
Florists' Telegraph Delivery
(Retailers' Section—S. A. F. & O. H.)

Of Interest to Retail Florists

RETAIL.

Benton Harbor, Mich.—A. J. Youngs has sold his flower business to Thomas Heaven.

Lowell, Mass.—The flower store of R. A. Griffith, Bridge street, was slightly damaged by fire on Nov. 23.

Washington, D. C.—The flower store, 2326 Fourteenth Street, is to move to Fourteenth and Harvard streets soon.

Oakland, Cal.—The store of the California Evergreen Co. has moved to San Pablo and Fifteenth streets, from San Francisco.

Chicago, Ill.—Wm. Kotschonis is now sole proprietor of the White House Florist, 132 N. Wabash avenue, having bought out his partner, T. Call.

STEAMER DEPARTURES

Allan, Scotian, Boston-Liverpool.....Dec. 7

Atlantic Transport

Minatoaka, N. Y.-London.....Dec. 9

American

St. Paul, N. Y.-Shantung.....Dec. 9

Guide

Campana, N. Y.-Liverpool.....Dec. 6

Franconia, Boston-Liverpool.....Dec. 12

Carrumbia, N. Y.-Liverpool.....Dec. 12

Holland-America

Potsdam, N. Y.-Rotterdam.....Dec. 5

N. Amsterdam, N. Y.-Rotterdam.....Dec. 12

Hamburg-America


Leyland

Armenian, Boston-Liverpool.....Dec. 9

North German Lloyd

NORTH GERMAN LLOYD

Gr. Kiefer, N. Y.-Rotterdam.....Dec. 7

Berlin, N. Y-Mediterranean.....Dec. 5

P. Frd. Wlrn., N. Y.-Bremen.....Dec. 9

Red Star

Zeeland, N. Y.-Antwerp.....Dec. 12

White Star

WHITE STAR

Ardale, Boston-Liverpool.....Dec. 5

Cedric, N. Y.-Liverpool.....Dec. 7

Mauretania, N. Y.-Rotterdam.....Dec. 9

Credie, Boston-Mediterranean.....Dec. 5
IT IS NOT TOO EARLY

To Display Your Christmas and New Year's Attractions

The prospective buyers are out and about. Have the goods ready to show them. We have an endless line of Novelties for the Holiday trade. Fix up your window with our natural prepared beech sprays, statices and similar material that never dries up and needs no attention or renewal. Write now while you have time to attend to it. "Nuff said."

H. BAYERSDORFER & CO.

THE Florist Supply House of America

1129 Arch Street, - - - PHILADELPHIA, PA.

Wholesale and Retail Florists

You both will profit by using McCray Refrigerators. Don't cut down prices because of spoilage. Stop the spoilage. Our patented refrigeration will keep your stock fresh because of the perfect circulation of cold, dry air.

McCray Refrigerators

Are made not only in stock sizes but are built-to-order to suit your requirements. Write to-day for our Free Catalog No. 72 which will give you ideas to help you add to the attractiveness of your establishment.

McCRAE REFRIGERATOR CO.

Chicago Office, 55 Washab Ave.
New York Office, 231 West 12th St. 353 Lake St., Kendallville, Ind.

BOSTON, MASS.

“Penn, The Telegraph Florist”

Member of Florists' Telegraph Delivery Association

37-43 BROMFIELD STREET

NEW ENGLAND

FLOWER DELIVERIES
Send flower orders for delivery in Boston and all New England points to

THOS. F. GALVIN
124 Tremont St., Boston

TRANSFER
Your orders for flower or plant delivery in Eastern New England to

JULIUS A. ZINN
1 Park St., Boston

BOSTON'S BEST
In Quality and Design
Can be relied upon when you transfer your retail orders to

EDWARD MACMULKIN
194 Boylston Street, Boston

"FLOWERS BY TELEGRAPH."

Leading Retail Florists Listed by Towns for Ready Reference

Albany, N. Y.—H. G. Eyres, 11 N. Pearl St.
Albany, N. Y.—The Rosery, 75 Maiden Lane.
Boston—Thos. F. Galvin, 124 Tremont St.
Boston—Edw. MacMulkin, 194 Boylston St.
Boston—Penn, the Florist, 37-43 Bromfield St.
Boston—Julius A. Zinn, 1 Park St.
Boston—Buffalo. N. Y.—Palmer's 304 Main St.
Boston—Buffalo, N. Y.—S. A. Anderson, 440 Main St.

Chicago—William J. Smyth, Michigan Ave., and 31st St.
Chicago—Park Floral Co., 1543 W. DeylDetroit, Mich.—J. Brettmeyer's Sons, Main and Grand Ave.
Kansas City, Mo.—Samuel Murray, 912 Grand Ave.
Kansas City, Mo.—Wm. L. Rock Flower Co., 1110 Walnut St.
Indianapolis, Ind.—Florists' Telegraph Deliveries, 241 Massachusetts Ave.
Louisville, Ky.—Jacob Schuiz, 550 South Fourth Ave.
New York—David Clarke's Sons, 212-214 Broadway.
New York—Alex. McConnell, 611 5th Ave.
New York—Young & Nourse, 42 W. 29th.
New York—Dards, N. E. cor. 44th St.

Worcester—Wellesley, Mass.—Taliby.
Worcester, Mass.—Littlefield, 407-409 Main St.

Gibson City, Ill.—Hammond & Wadley are the new proprietors of the Swan Peterson Floral Co.

H. F. A. Lange

WORCESTER, - MASS.

Delivers to all Points in New England.
125,000 square feet of glass.

Littlefield

FLORIST


"THE HOME OF FLOWERS"

The largest cut flower store in America.

Orders for the TWIN CITIES and for all Northwestern points given prompt attention.

HOLM & OLSON, Incorporated

ST. PAUL, MINN.

WELLESLEY COLLEGE

Wellesley, Mass.

TALIBY, Wellesley, Mass.

Dayton, Ohio—The Westwood Floral Co., William Phelps, proprietor, suffered severely from the heavy wind storm of Nov. 11 and 12. None of his greenhouses were spared and his stock was all frozen. A summer's labor and stock that represented about $2,000 was a total loss.
SPECIAL BEAUTIES

The best in price, and quality: fine large buds, good foliage.

BOUVARDIA PINK AND RED
A fresh supply every day. Include some of this in your next order.

BOXWOOD Per 50 lb. Crate, $7.50

The Leo Niessen Co.
WHOLESALE FLORISTS
N. W. Corner 12th and Race Sts., PHILADELPHIA

THE BEST LETTERS
FOR FLORIST'S USE

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

PETER REINBERG
WHOLESALE CUT FLOWERS
37 Randolph St., Chicago, Ill.

POEHLMANN BROS. CO.
33-35-37 Randolph St., CHICAGO

CUT FLOWERS
Greenhouses, Morton Grove, Ill.

George B. Hart
WHOLESALE FLORIST
24 Stone St., Rochester, N.Y.

The J. M. McCullough's Sons Co.
WHOLESALE COMMISSION FLORISTS

CONSIGNMENTS SOLICITED
Special attention to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. Price list on application.

Phone Main 984, 316 Walnut St., Cincinnati

TO CUT FLOWER GROWERS AND RETAIL FLORISTS

IF YOU

want to find a market for your product
want a regular or special supply of the product of the best growers

Consult the Advertisements on these Wholesale Flower Pages

The Advertisers Represented Here are the Leading Concerns in the Wholesale Flower Trade

WELCH BROS.
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS

BEST PRODUCED

226 Devonshire Street, Boston, Mass.

WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100 TO DEALERS ONLY

<table>
<thead>
<tr>
<th>ROSES</th>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHILA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ave. beauty, Fancy and Special</td>
<td>50.00</td>
<td>50.00</td>
<td>50.00</td>
<td>50.00</td>
</tr>
<tr>
<td>Extra</td>
<td>50.00</td>
<td>50.00</td>
<td>50.00</td>
<td>50.00</td>
</tr>
<tr>
<td>No.1</td>
<td>45.00</td>
<td>45.00</td>
<td>45.00</td>
<td>45.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>40.00</td>
<td>40.00</td>
<td>40.00</td>
<td>40.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fair, &amp; Sppl.</td>
<td>35.00</td>
<td>35.00</td>
<td>35.00</td>
<td>35.00</td>
</tr>
<tr>
<td>Bred, Maid</td>
<td>30.00</td>
<td>30.00</td>
<td>30.00</td>
<td>30.00</td>
</tr>
<tr>
<td>Tall, Semi-tall</td>
<td>25.00</td>
<td>25.00</td>
<td>25.00</td>
<td>25.00</td>
</tr>
<tr>
<td>CARNATIONS, First Quality</td>
<td>20.00</td>
<td>20.00</td>
<td>20.00</td>
<td>20.00</td>
</tr>
<tr>
<td>Ordinary</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
</tbody>
</table>

MISCELLANEOUS

Cutties | 35.00 to 50.00 | 35.00 to 50.00 | 40.00 to 50.00 | 50.00 to 75.00 |
| Lilacs, Longiflorum | 5.00 to 7.50 | 5.00 to 7.50 | 5.00 to 7.50 | 5.00 to 7.50 |
| Lily of the Valley | 5.00 to 7.50 | 5.00 to 7.50 | 5.00 to 7.50 | 5.00 to 7.50 |
| Narcissus, Paper White | 2.50 to 3.50 | 2.50 to 3.50 | 2.50 to 3.50 | 2.50 to 3.50 |
| Chrysanthemums | 1.00 to 1.50 | 1.00 to 1.50 | 1.00 to 1.50 | 1.00 to 1.50 |
| Violets | 75.00 | 75.00 | 75.00 | 75.00 |
| Mignardises | 75.00 | 75.00 | 75.00 | 75.00 |
| Sweet Pea | 60.00 to 75.00 | 60.00 to 75.00 | 60.00 to 75.00 | 60.00 to 75.00 |
| Gardenias | 12.00 to 15.00 | 12.00 to 15.00 | 12.00 to 15.00 | 12.00 to 15.00 |
| Adiastem | 1.00 to 1.50 | 1.00 to 1.50 | 1.00 to 1.50 | 1.00 to 1.50 |
| Marigolds | 12.00 to 15.00 | 12.00 to 15.00 | 12.00 to 15.00 | 12.00 to 15.00 |
| Asparagus Plumeous, strings (too) | 25.00 to 50.00 | 25.00 to 50.00 | 25.00 to 50.00 | 25.00 to 50.00 |

J. A. BUDLONG
82-84-86 E. Randolph St., Chicago

OUR STOCK IS A-1 AND IT IS QUALITY NOT PRICES THAT TALKS

Chicago Flower Growers' Association
WHOLESALE Growers of Cut Flowers and Plants

176 N. MICHIGAN AVE., BETWEEN RANDOLPH AND LAKE STREETS, CHICAGO

HENRY M. ROBINSON & CO.
15 Province St., BOSTON, MASS.

Everything in Flowers
Complete Stock of Florists' Greens, Three Floors of Florists' Supplies.

Wired Toothpicks
Manufactured by W. J. COWEE, BERLIN, N. Y.

HENRY M. ROBINSON & CO.
15 Province St., 9 Chapman Pl., BOSTON, MASS.

Everything in Flowers
Complete Stock of Florists' Greens, Three Floors of Florists' Supplies.
Flower Market Report

BOSTON

The Harvard-Yale football game Saturday, Nov. 25, helped trade very materially last week. Intensity and Stimpson, chrysanthemums and Harry Potter competition being keen. This episode, with the prospect of Thanksgiving Day, the great New England festival, sufficed to set the florist trade into action and prices began to move upwards. The shipping trade, as usual, came in to help the upward trend of the market and up to Tuesday evening the conditions were quite favorable but on Wednesday the inevitable reaction set in and prices sagged, due in a great measure to local apathy and the discontinuance of the shipping business. The market is well supplied with everything and on roses, carnations and violets the overflow has broken the price in half.

BUFFALO

Business brightened up considerably and was good throughout the week. There was enough stock to supply the demand, but a slight shortness in the short grade of roses, especially Killarney and Richmond. The demand fell on carnations which were not over plentiful. Some very choice Pink, Delight, Perfection and Beacon are had and they have had a good sale. Chrysanthemums continue good, also lily of the valley, the latter selling well. Narcissus, Roman hyacinths and stephan are added to the list. Floral work was in demand and helped to consume a good portion of the surplus.

CHICAGO

Nurses for Thanksgiving day is the outlook at this writing, Monday, the 27th, but there is no accumulation of stock and orders are coming in steadily leaving the final outcome uncertain. Roses are shortening in supply and prices on fancy stock are apt to be in favor of the grower while Bountiful, as reported last week, are off crop generally. Carnations have been short in supply all the lately and with the approach of these holidays are in greater demand than ever, even though the complaints of sleepy stock are quite frequent. The warm weather is supposed to be the cause of this trouble. Sweet peas are coming in rather slowly and demand for good stock is brisk. Violets are selling well and prices advanced this week. In lilacs the supply and demand are about equal. All kinds of green help out the stock.

While the market is not very good, it will be very good for Thanksgiving, early reports from the growers indicate that they will have enough to go around. A general holding back by many starting last week brightened up the market. All the junk that had accumulated in the ice boxes has been cleaned up, and now practically all offerings are A1 in quality. The shipping demand continues strong. The late varieties of chrysanthemums are now in and soon, outside of a few very late varieties, they will be a thing of the past. White and Yellow Chadwick, White and Major Bonnaffon are the favorites now. A heavy cut of Diana is arriving each day. All stocks are up quickly and

December 2, 1911

HORTICULTURE

For the Christmas Trade

BOXWOOD SPRAYS

Exceptionally fine stock, dark glossy green, no surplus wood. The choice lot we’ve ever received. We are the introducers of and the headquarters for this valuable green. For Christmas there is nothing that makes a better or more beautiful wreath than Boxwood with a little coloring of Bronze Mahonia. Boxwood, 50 lb. crates, $7.50.

BRONZE MAHONIA

$1.50 per 100; $12.50 per 1,000

LYCOPODIUM

Splendid quality, full and green, not dried out an account of being gathered too long. Delivers any time. At present won’t give it at $5.00 per 100 pounds; future quotations on application.

LYCOPODIUM WREATHING

$10.00 per 100 yards.

BRONZE GALAX

For immediate delivery, good storage stock, $15.00 per case. New crop, likely ready about December 10th; probable price, $7.50 per case.

GREEN GALAX

New crop, $7.50 per case.

LEUCOTHEE

Green and bronze, $1.00 per 100; $8.00 per 1,000. Bronze ready about December 10th.

CUT POINSETTIAS

Some especially well grown stock. The large heads are beautiful specimens, deep velvety red. Per 100, $25.00 and $50.00. A few of the very large ones, $40.00 per 100.

HOLLY WREATHS

Of the very best holly, made full with plenty of berries. $12.50 per 100. Extra large, $25.00 and $50.00 per 100.

PLUMOSUS

Contracts made for the season on strings or bunches, very choice stock.

MAGNOLIA LEAVES

Green and Bronze; per basket, $2.25.

RIBBONS AND SUPPLIES

Many new patterns in exclusive Christmas ribbons. Write us for prices on these and on supplies.

S. S. PENNOCK-MEEHAN CO.

THE WHOLESALE FLORISTS OF THE PHILADELPHIA

NEW YORK

109 W. 28th Street

PHILADELPHIA

1608-1620 Ludlow Street

WASHINGTON

1212 New York Ave.

WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100

<table>
<thead>
<tr>
<th>ROSES</th>
<th>CINCINNATI</th>
<th>DETROIT</th>
<th>BUFFALO</th>
<th>PITTSBURGH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Am. Beauty, Fan and Sp.</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
<td>25.00 to 30.00</td>
</tr>
<tr>
<td>&quot; Extra &quot;</td>
<td>30.00 to 35.00</td>
<td>30.00 to 35.00</td>
<td>30.00 to 35.00</td>
<td>30.00 to 35.00</td>
</tr>
<tr>
<td>&quot; Lower Grades &quot;</td>
<td>20.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>20.00 to 25.00</td>
<td>20.00 to 25.00</td>
</tr>
<tr>
<td>Richard's, Chabaud, Fan &amp; Sp.</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>&quot; Lower Grades &quot;</td>
<td>5.00 to 7.00</td>
<td>5.00 to 7.00</td>
<td>5.00 to 7.00</td>
<td>5.00 to 7.00</td>
</tr>
<tr>
<td>&quot; Low Grades &quot;</td>
<td>4.00 to 6.00</td>
<td>4.00 to 6.00</td>
<td>4.00 to 6.00</td>
<td>4.00 to 6.00</td>
</tr>
<tr>
<td>Red &quot; Maid &quot;</td>
<td>5.00 to 7.00</td>
<td>5.00 to 7.00</td>
<td>5.00 to 7.00</td>
<td>5.00 to 7.00</td>
</tr>
<tr>
<td>Taft, Billington</td>
<td>4.00 to 6.00</td>
<td>4.00 to 6.00</td>
<td>4.00 to 6.00</td>
<td>4.00 to 6.00</td>
</tr>
<tr>
<td>&quot; Lower Grades &quot;</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
<td>3.00 to 4.00</td>
</tr>
<tr>
<td>&quot; Lower Grades &quot;</td>
<td>2.50 to 3.00</td>
<td>2.50 to 3.00</td>
<td>2.50 to 3.00</td>
<td>2.50 to 3.00</td>
</tr>
</tbody>
</table>

CARNATIONS, First Quality

| Ordinary | 1.50 to 2.00 | 1.50 to 2.00 | 1.50 to 2.00 | 1.50 to 2.00 |

MISCELLANEOUS

| Carnations | 10.00 to 15.00 | 15.00 to 20.00 | 20.00 to 25.00 | 25.00 to 30.00 |
| Lilies, Longstems | 10.00 to 15.00 | 15.00 to 20.00 | 20.00 to 25.00 | 25.00 to 30.00 |
| Lily of the Valley | 3.00 to 4.00 | 4.00 to 5.00 | 5.00 to 6.00 | 6.00 to 7.00 |
| Narcissus, Paper Whites | 6.00 to 8.00 | 8.00 to 10.00 | 10.00 to 12.00 | 12.00 to 14.00 |
| Chrysanthemums | 4.00 to 5.00 | 5.00 to 6.00 | 6.00 to 7.00 | 7.00 to 8.00 |
| " " " Low Grades " | 2.50 to 3.00 | 3.00 to 4.00 | 4.00 to 5.00 | 5.00 to 6.00 |
| Mignonette | 3.00 to 4.00 | 4.00 to 5.00 | 5.00 to 6.00 | 6.00 to 7.00 |
| Green Peas | 1.00 to 1.50 | 1.50 to 2.00 | 2.00 to 2.50 | 2.50 to 3.00 |
| Gardenias | 1.00 to 1.50 | 1.50 to 2.00 | 2.00 to 2.50 | 2.50 to 3.00 |
| Adenium | 1.00 to 1.50 | 1.50 to 2.00 | 2.00 to 2.50 | 2.50 to 3.00 |
| Asparagus plumosus, strings (10) | 4.00 to 5.00 | 5.00 to 6.00 | 6.00 to 7.00 | 7.00 to 8.00 |
| " " " (too bals.) | 1.50 to 2.00 | 2.00 to 3.00 | 3.00 to 4.00 | 4.00 to 5.00 |

(Continued from page 725)
M. C. FORD
Successor to
FORD BROTHERS
121 West 25th Street NEW YORK
FINE ROSES. FANCY CARNATIONS
A Full Line of All Cut Flowers.
Telephone 4079 or 3871 Madison Square

H. E. FROMENT
Wholesale Commission Florist,
Choice Cut Flowers,
97 West 28th St. :: NEW YORK
Telephones: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send for quotations. Correspondence with shippers of first-class stock invited.
130 West 28th Street, New York
Telephones 4426-4427 Madison Square.

Edward C. Horan
Wholesale Florist
55 WEST 28th ST.

Moore, Hentz & Nash
Wholesale Commission Florists
55 and 57 West 26th Street

WM. P. FORD
Wholesale Florist
45 W. 28 Street, NEW YORK

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ MAURICE L. GLASS
Coogan Building, 55-57 West 26th Street
NEW YORK CITY
Telephone 2021 Madison Square Open from 5 a. m. to 6 p. m.

THE KERVAN COMPANY
Fresh Cut Evergreens, Mosses, Southern Smilax, Galax and Leucothoe, Preserved and Fresh Cut Cynas and Palmetos.
Tel. 1159 or 15893 Madison Sq. 113 W. 28 St., New York.

REED & KELLER
122 West 25th St., New York
Florists’ Supplies
We manufacture all our Metal Designs, Baskets, Wire Work & Novelties and are dealers in Decorative Glassware, Bronze and Florists’ Novelties

P. J. SMITH
Successor to JOHN I. RAYNOR
Wholesale Commission Florist SELLING AGENT FOR LARGEST CROWERS
A full line of Choice Cut Flower Stock for all purposes. The HOME OF THE LILY
by the 100, 1000 or 10,000
TEL. 999 MADISON SQUARE 49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—3332-3533 Madison Square

NOW IS THE TIME
To decide on your Commission Man. Select the season right by shipping your product to the OLD, RELIABLE ESTABLISHMENT.
OPEN EVERY MORNING AT 6 O’CLOCK.
Tel. 167-4468 Madison Sq.

J. K. ALLEN
106 W. 28th St. NEW YORK

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY
ARMS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, Mad. Sq.

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th></th>
<th>Last Half of Week ending Nov. 25</th>
<th>First Half of Week beginning Nov. 27</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1111</td>
<td>1881</td>
</tr>
<tr>
<td>American Beauty. Fancy and Special</td>
<td>30.00 to 30.00</td>
<td>30.00 to 30.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>18.00 to 30.00</td>
<td>18.00 to 30.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>10.00 to 15.00</td>
<td>10.00 to 15.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>4.00 to 6.00</td>
<td>4.00 to 6.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>4.00 to 10.00</td>
<td>4.00 to 10.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>4.00 to 10.00</td>
<td>4.00 to 10.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>4.00 to 10.00</td>
<td>4.00 to 10.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>4.00 to 10.00</td>
<td>4.00 to 10.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>4.00 to 10.00</td>
<td>4.00 to 10.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephones 1665 1666 Madison Square

CONSIGNMENTS SOLICITED

Frank H. Traendly
TRAENDLY & SCHENCK
Wholesale Florists
131 West 28th St., New York
Telephones 716 and 717 Madison Square

CHARLES MILLANG
Wholesale Florist
55 & 57 W. 26 St., NEW YORK
Telephone 7062 Madison

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers
701-703 Madison Square

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK

ROSENS
18 W. 29th Street, New York City
Telephone No. 1791 Mad. Sq.

CHARLES MILLANG
Wholesale Florist
55 & 57 W. 26 St., NEW YORK
Telephone 7062 Madison

FLORISTS’ SUPPLIES
GALAX, bronze and green, fresh crop. $11.00, 1000; $7.50, 10,000. LEUCOTHOE SPRAYS. $5.00, 100. GREEN SHEET MOSS. $2.00 large bag.

BOOKS: HOLDS, 12.00, 15.00, 25.00, 40.00, 50.00.

FRANK MILLANG
Wholesale Florist

ROBERT J. OYSTER
Public Accountant and Auditor
Simple methods of cost accounting especially adapted for florists’ use.
Books Balanced and Adjusted
Merchants Bank Building
28 STATE ST. BOSTON
Telephone, Main 66
Flower Market Reports.

(Continued from last page)

are on the short side. Beauties are conspicuous for their scarcity. The supply of red, too, is not over-large. Carnations sell very well and more might probably be used. Colored varieties are not as plentiful as white ones. Longiflorum lilacs are good property. The same is true of New York suble and single violets. Lily of the valley and orchids sell up from day to day. Narcissi are now included in the offerings. The green goods market is ample. Considerable bronze galax, boxwood, ferns and leucothoe are being shipped.

DETROIT not the day before the sun has set may aptly be applied to last week's business conditions, which, while beginning very promising, found the tables of the wholesalers loaded down with fine stock Saturday night. This week, with Thanksgiving, will turn the tables to a more satisfactory condition for all concerned. We all feel the great scarcity of debutantes, which were unusually many last year, and the few there are will all have their coming-out parties around the holidays.

A busy week was forecasted for the Thanksgiving time and the outlook is promising but various influences had to be reckoned with and the outcome is not exactly to the liking of the grower and growers' agents in the wholesale markets. In truth the supply of flowers in this city is a bit low, and the local markets is over-liberal and it is not easy to control prices. Some things, as the regal cattleya, hold their own, regardless of market fluctuations. Violets got a refreshing fillip from the football excitement. But, taking the market as a whole, the situation is not over-encouraging to the grower who has to pay the coal bill or the agent who has to stand for the store expenses. Still, "the smoke goes up the chimney just the same" and we hope that everyone interested will come out on the safe side of the ledger on the Thanksgiving proposition.

Saturday was the big day of last week. In addition to fine weather (which lets the street men out and makes business good any fine Saturday) there was on this occasion the Army and Navy game, which always calls for lots of flowers. Innumerable quantities of yellow chrysanthemums were held back especially for that event and notwithstanding the great demand there was more than enough to go around and prices for this variety were not too much abnormal. For three months now the chrysanthemum has been with us and there never have been so many as this year. As in many things, these have not averaged as good as in previous years -good judges say 25 to 35 per cent less. Among the varieties still in evidence and in splendid form are Bonnaffon, Chwick, Dean, Eaton and Nonin. Violets were also in great demand for the game. There was any amount of action, both from nearby and distant points. All were pretty well cleaned up—except the late arrivals. The quality is now fully up to the cold weather standard and gives excellent satisfaction to customers. All roses are selling well, and quality generally is all that can be desired. The "double pink" Killarney is a favorite. It was a little off color for a while but has pretty nearly got back to its best form again. Prince de Bulgarie is also in grand form, the special brand still being as fine as usual and careful selection of vases is necessary. All are trimmed in fine, splendid flowers of Enchantress, Floradora, Noisette, etc., and Versailles. The Gloriosa are to be had in quantity. Orchids scarce. Gardenias improving. Paper whites made their appearance last week.

PHILADELPHIA the big day of last week. In addition to fine weather (which lets the street men out and makes business good any fine Saturday) there was on this occasion the Army and Navy game, which always calls for lots of flowers. Innumerable quantities of yellow chrysanthemums were held back especially for that event and notwithstanding the great demand there was more than enough to go around and prices for this variety were not too much abnormal. For three months now the chrysanthemum has been with us and there never have been so many as this year. As in many things, these have not averaged as good as in previous years —good judges say 25 to 35 per cent less. Among the varieties still in evidence and in splendid form are Bonnaffon, Chwick, Dean, Eaton and Nonin. Violets were also in great demand for the game. There was any amount of action, both from nearby and distant points. All were pretty well cleaned up—except the late arrivals. The quality is now fully up to the cold weather standard and gives excellent satisfaction to customers. All roses are selling well, and quality generally is all that can be desired. The "double pink" Killarney is a favorite. It was a little off color for a while but has pretty nearly got back to its best form again. Prince de Bulgarie is also in grand form, the special brand still being as fine as usual and careful selection of vases is necessary. All are trimmed in fine, splendid flowers of Enchantress, Floradora, Noisette, etc., and Versailles. The Gloriosa are to be had in quantity. Orchids scarce. Gardenias improving. Paper whites made their appearance last week.

ST. LOUIS was greatly relieved last week. The glut of the previous week had disappeared and some days cut stock became rare scarce. Today, Monday, Nov. 27, very little is coming in and the market was cleared up early. This will be the case during all this week as the retailers are expected to buy heavily for Thanksgiving week. Roses have been quite plentiful and only the best have sold well and cheap. Carnations sell well with hardly enough to go around some days. Stock that has been selling at 2 and 3 cents is now up to 4 and 5 cents, with extra fancy at 6 cents.

CHICAGO wholesale commission florists.

WILLIAM H. KUBLER
Brooklyns' Foremost and Best
WHOLESALE COMMISSION HOUSE
A First Class Market for all CUT FLOWERS
28 Willoughby St., Brooklyn, N. Y.
Tel. 4091 Main

MICHIGAN CUT FLOWER
EXCHANGE, Inc.
WHOLESALE COMMISSION FLORISTS
Consignments Solicited:
Kasting's
Newark, N. J.

Horticulture

WILLIAM F. KASTING
WHOLESALE FLOWERS
383-387 ELICICT ST.
BUFFALO, N. Y.

NEW YORK QUOTATIONS PER 100. To Dealers Only

<table>
<thead>
<tr>
<th>MISCELLANEOUS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Cattleyas</td>
</tr>
<tr>
<td>Dendrobium formosum</td>
</tr>
<tr>
<td>Phalaenopsis</td>
</tr>
<tr>
<td>Lilacs, Longiflorum</td>
</tr>
<tr>
<td>Lilies, White &amp; Yellow</td>
</tr>
<tr>
<td>Narcissi, Paper White</td>
</tr>
<tr>
<td>Chrysanthemums</td>
</tr>
<tr>
<td>Mignonette</td>
</tr>
<tr>
<td>Gardenias</td>
</tr>
<tr>
<td>Acidantra</td>
</tr>
<tr>
<td>Asparagus Plumosus, erect..</td>
</tr>
<tr>
<td>P &amp; S. $0.00 to 2.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Last Half of Week ending Nov. 25, 1911</th>
</tr>
</thead>
<tbody>
<tr>
<td>25.00 to 30.00</td>
</tr>
<tr>
<td>30.00 to 35.00</td>
</tr>
<tr>
<td>35.00 to 40.00</td>
</tr>
<tr>
<td>40.00 to 45.00</td>
</tr>
<tr>
<td>45.00 to 50.00</td>
</tr>
<tr>
<td>50.00 to 55.00</td>
</tr>
<tr>
<td>55.00 to 60.00</td>
</tr>
<tr>
<td>60.00 to 65.00</td>
</tr>
<tr>
<td>65.00 to 70.00</td>
</tr>
<tr>
<td>70.00 to 75.00</td>
</tr>
<tr>
<td>75.00 to 80.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>First Half of Week beginning Nov. 27, 1911</th>
</tr>
</thead>
<tbody>
<tr>
<td>25.00 to 30.00</td>
</tr>
<tr>
<td>30.00 to 35.00</td>
</tr>
<tr>
<td>35.00 to 40.00</td>
</tr>
<tr>
<td>40.00 to 45.00</td>
</tr>
<tr>
<td>45.00 to 50.00</td>
</tr>
<tr>
<td>50.00 to 55.00</td>
</tr>
<tr>
<td>55.00 to 60.00</td>
</tr>
<tr>
<td>60.00 to 65.00</td>
</tr>
<tr>
<td>65.00 to 70.00</td>
</tr>
<tr>
<td>70.00 to 75.00</td>
</tr>
<tr>
<td>75.00 to 80.00</td>
</tr>
</tbody>
</table>

WASHINGTON the football game between the Army and Navy elevens caused a small flurry in the local market as a number of small weddings and the usual funerals made up the week's work. With the weather continuing warm and stormless, business in all lines is very slow and dull, affects the small cut flowers. The days of the big supply of chrysanthemums in this market are about over and many of the local growers completed their cutting this week. Roses were in fine shape for the Thanksgiving trade, especially locally grown American Beauties which were never in better form, foliage or color. Carnations were fair but the supply did not equal the demand for good stock and even the inferior qualities were in demand. They were few and far between but they were not so much in demand. Gardenias produced locally were good as to quality but not enough of them were offered. There seemed to be an unusually heavy demand for single violets but the largest growers were not able to begin to make them bloom to any kind of a good showing numbers. The few thousands that came in were all sold before they were picked. Hudson River violets were never better than at present, they are plentiful, and the supply and the demand are equal. In the market this week could be seen the first of the paper-white narcissi, Glore de Lorraine begonias and stevia. Some very fine azaleas are also among the newcomers.
Horticulture December 2, 1911

Buyer’s Directory and Ready Reference Guide

Advertisements under this head, one-cent a word. Initials count as words. Refer to List of Advertisers to indicate the respective pages.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Every effort being made to find that they wish in this list will confer a favor by writing us and we will try to put them in communication with reliable dealers.

ACCOUNTANT
J. D. Jacobs, 26 State St., Boston.
For page see List of Advertisers.

ADIANTUM HYBRIDUM
Red Rose Nurseries, Center Square, Pa.

AMPLOPHYSIS
Ampeolopa Vettchii, 1-yr. plants, $3.00 per 100; $25.00 per 1000.
Wm. Erickson Co., North Milwaukee, Wis.

ARAUCARIAS
For page see List of Advertisers.

Godfrey Ascheman, 1012 Ontario St., Philadelphia.
For page see List of Advertisers.

ASPARAGUS
A. N. Pearson, Inc., Cornwell, Conn.
For page see List of Advertisers.

Asparagus Plumosus extra fine 8-inch stuff, $2.50 per 100; $45.00 per 1000. F. Birk, Fawcett Grove, Illinois.

Asparagus plumosus, 6-Inch, 3-Inches Tall, $3.50 per 100; $30.00 per 1000. F. Birk, Fawcett Grove, Illinois.

ANTHERICUM
Anthericum variegatum, strong plants, 5-Inches; 3-Inches; 10c. H. G. Norton, Ferry, O.

AZALEAS
P. O. Overkerk, Holoken, N. J.
For page see List of Advertisers.

For page see List of Advertisers.

C. L. Oehneh & Co., New York, N. Y.
For page see List of Advertisers.

BAY TREES
For page see List of Advertisers.

Bobbink & Atkins, Rutherford, N. J.
For page see List of Advertisers.

Bay Trees—Largest Trees, all sizes.
Write for special list.
Julius Roehrs Co., - Rutherford, N. J.

BEGONIAS
For page see List of Advertisers.

Thomas Roland, Nantuck, Mass.
Lorraine Begonias.
For page see List of Advertisers.

BOILERS
Kroeschel Bros. Co., 40th Erie St., Chicago.
For page see List of Advertisers.

BOYWOOD TREES
For page see List of Advertisers.

Bobbink & Atkins, Rutherford, N. J.
For page see List of Advertisers.

Julius Roehrs Co., Rutherford, N. J.
Box Trees all sizes. Ask for special list.

BOXES—CUT FLOWER—FOLDING
Edwards Folding Box Co., Philadelphia.
For page see List of Advertisers.

Folding cut flower boxes, the best made.
Write for list. Holton & Hunkel Co., Milwaukee, Wis.

BULBS AND TUBERS
Joseph Breck & Sons, 47-54 N. Market St., Boston.
French and Dutch Bulbs.
For page see List of Advertisers.

J. M. Thorburn & Co., 507 Main St., N. Y.
Seasonal Bulbs.
For page see List of Advertisers.

A. T. Boddington, 344 W. 144th St., N. Y.
Flowering Gladiolus, Iris, Etc.
For page see List of Advertisers.

Richards Bros., 37 East 16th St., New York.
For page see List of Advertisers.

For page see List of Advertisers.

T. J. Gray & Co. and 33 So. Market St., Boston.
For page see List of Advertisers.

Horseshoe Brand.
For page see List of Advertisers.

James Vick’s Sons, Rochester, N. Y.
For page see List of Advertisers.

John L. Childs, Fishkill, N. Y.
Summer Flowering Bulbs.
For page see List of Advertisers.

The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

For page see List of Advertisers.

E. B. Miller, Wading River, N. Y.
Chidlaw’s Oncidium, Iris, Etc.
For page see List of Advertisers.

For page see List of Advertisers.

CANE STAKES
W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

CANNAS
R. Vincent Jr., & Sons Co., White Marsh, Maryland.
For page see List of Advertisers.

The Improved Canna—64 varieties, including Mrs. A. F. Conrad and the finest many, of the Conrad & Jones Co., West Grove, Pa.

CARNATIONS
F. Dorner & Sons Co., Lafayette, Ind.
For page see List of Advertisers.

Chicago Carnation Co., Joliet, Ill.
For page see List of Advertisers.

Charles H. Totty, Madison, N. J.
For page see List of Advertisers.

Wood Bros, Fishkill, N. Y.
Field Grown Plants.
For page see List of Advertisers.

300 English-stems, $20 per 100; 200 Win-

n, $4.00 per 100. Field grown, best of stock. Bid on the lot: O. L. Baldin, Dixon, Ill.

CARNATION STAPLE

CHRISTMAS GREENS
Henry F. Michell Co., Philadelphia.
For page see List of Advertisers.

Midwinter.

CHRISTMAS TREES—BALED SPRUCE
For page see List of Advertisers.

CHRYSANTHEMUMS
Elmer D. Smith, Adrian, Mich.
For page see List of Advertisers.

Charles H. Totty, Madison, N. J.
For page see List of Advertisers.

Horticulture’s book of Chrysanthemums mailed to your address for 50c, by Horticulture Publishing Co., 11 Hamilton Place, Boston.

Chrysanthemums, rooted cuttings, Mont- rovia, Polly Rose, $12.00 per 100. Violets, Princess of Wales, 100 for 1000. Chas. Lenker, Freeport, L. I., N. Y.

CLEMATIS
Clematis paniculata, $7.00 per 100; $50.00 per 1000. H. G. Norton, Ferry, O.

Clematis paniculata, 2 and 3-yr. old; also Henry, Jackman, Andre Romons, Red Jack, Duches, Special price for full delivery.

Parks & Schanfelberger, Penfield, N. Y.

TOOCANET FIBRE SOIL
For page see List of Advertisers.

CYCLAMENS
Cyclasmen—Best Varieties in different colors. 1-1/2 inch pot plants, $10.00 per 100; $80.00 per 1000. Julles Rehers Company, Rutherford, N. J.

Our cyclamen, our own grown strains, selected from the very best and well built plants and flowers. Seed, $1.00 per 100; $5.00 per 1000; nearly all is our own roots and seedlings, $2.00 per 100; $18.00 per 1000. Plants, well set with 4-in., 2-in., 3-in., and $25 per 100. Orders amounting to $25.00, 10 per cent off. Here is one of the many letters we received from satisfied customers: E. A. Butler & Son, Niagara Falls, N. Y., say, “Our cyclamen, from the moment we received, have been the finest we have ever had, and if the seed this year is of the same quality as in the past, we shall be perfectly satisfied” Our aim has been to, and we have improved our stock every season. Culture directions with every order. Ch. Winterich, Cyclamen Specialist, Davenport.

DAHLIAS
Herbert, Acto, N. J.
For page see List of Advertisers.

B. Vincent, Jr. & Sons Co., White Marsh, Maryland.
For page see List of Advertisers.

For page see List of Advertisers.

DAHLIAS NEW FOR 1911


EAST BRIDGEWATER DAHLIA FARMS.
If you are looking for dahlia stock for your 1912 catalogue, send for Trade List to the Dahlia King, J. K. Alexander, East Bridgewater, Mass.

DECORATIVE PLANTS
For page see List of Advertisers.

For page see List of Advertisers.

John Scott, W. N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

Woolse & Marketo, New York, N. Y.

For List of Advertisers See Page 781
RUBBER STAMPS, STENCILS.
The Rod Company, Harrisburg, Pa.
For page see List of Advertisers.

SEED GROWERS
Brazel Seed Growers Co., San Jose, Cal.
For page see List of Advertisers.

Ondo, Lettuce, Sweet Pea Seeds
For page see List of Advertisers.

Contract Seed Growers
For page see List of Advertisers.

SEEDS
T. J. Grey Co., 72 Bo. Market St., Boston.
For page see List of Advertisers.

F. J. Young & Co., Morton, Ill.
For page see List of Advertisers.

Nash, planking.
Both J. Irwin, plerson, Advertlser.

Budlong, nttlnns Advertisers.
Mst A.,go and $10 Advertisers.
Michigan our Keller.
Withers, I
Advertlsera.
Market December, J.
Advertisers.

2*tb Advertisers.
Preserves Advertisers
Advertisers.
Co..
List C.
Ford, Advertisers.
of Advertisers.

A. Zeeman.
Roberts, Co.,
word
W. F. Magill, New York.
For page see List of Advertisers.

Frank Magill, New York.
For page see List of Advertisers.

Trendley & Schenk, New York, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

A. Molitz & Co., New York, N. Y.
For page see List of Advertisers.

Philadelphia
For page see List of Advertisers.

The S. E. Pennock-McDonald Co., 18-19 Lodon St., Philadelphia, Pa.
For page see List of Advertisers.

George R. Hirt, 24 Stone St.
For page see List of Advertisers.

XMAS PEPPERS
Xmas Peppers, five berried plants, 4 and 41/2 inches, $8 to $10 per 100. P. Blaett.
Downers Grove, III.

New Offers in This Issue.

A PLANT NOVELTY, SOLANUM CAPSICUMSTRUM MELVNI.
T. J. Grey Co., Boston, Mass.
For page see List of Advertisers.

CARNATION "WODENETHY" AND "BROOKLYN."
Chas. H. Totty, Madison, N. J.
For page see List of Advertisers.

CHRISTMAS GREENS.
For page see List of Advertisers.

NEW CROP FLOWER SEEDS.
Hosman J. Irwin, New York, N. Y.
For page see List of Advertisers.

NICOTINE TOBACCO POWDER OFFER.
The H. A. Stofff Co., Mount Vernon, N. Y.
For page see List of Advertisers.

NOVELTIES FOR THE HOLIDAYS.
For page see List of Advertisers.

ROSES FOR GREENHOUSE PLANTING, CHRSANTHEMUMS, BEDDING STOCK.
A. N. Pierson, Inc., Crestwood, Conn.
For page see List of Advertisers.

VINCAS
Vincas variegata, Strong selected field clumps, 50c, good medium, $1.50 per 1,000. Rooted cuttings ready in December, $1.00 per 1,000. Cash. M. St. Luthrop, Cortland, N. Y.

WIREWORK
Seed & Kelley, 122 W. 25th St., N. Y.
For page see List of Advertisers.


WOOD PRESERVATIVE
Conserv Wood Preservative doubles the life of all planters. Prevents decay in beach trees, posts, silts or planking Costs little, gives results. Price ten cents its case. Samuel Cobalt, Inc., Mfg Chemists, Boston, Mass.

WIRED TOOTHPICKS
W. J. Coone, Berlin, N. Y.
For page see List of Advertisers.

WHOLESALE FLORISTS
Boston
N. F. McCarthry & Co., 84 Hay st.
For page see List of Advertisers.

Welch Bros., 226 Doversoath St.
For page see List of Advertisers.

II. M. Robinson & Co., 15 Prostate St.
For page see List of Advertisers.

Buffalo, N. Y.

William F. Kastline Co., 333-37 Elliott St.
For page see List of Advertisers.

CHICAGO

Peter Reiber, 51 Wabash Ave.
For page see List of Advertisers.

Poehlmann Bros., 26th & 6th Grove, III.
For page see List of Advertisers.

J. A. Budlong, 37-59 Randolph St.
For page see List of Advertisers.

Chicgo Flower Growers Association, 150 Wabash Ave.
For page see List of Advertisers.

Cincinnati, Ohio

The J. M. McCullough Sons Co., 510 Walnut St.
For page see List of Advertisers.

Cromwell, Conn.

A. N. Pierson, Cromwell, Conn.
For page see List of Advertisers.

Michigan Cut Flower Exchange, 38 and 40 Broadway.
For page see List of Advertisers.

New York

M. C. Ford, 121 W. 29th St., New York.
For page see List of Advertisers.

H. E. Fream, 57 W. 29th St., New York.
For page see List of Advertisers.

For page see List of Advertisers.

A. H. Langenr, 150 W. 29th St., New York.
For page see List of Advertisers.

James McManus, 55 W. 28th St., New York.
For page see List of Advertisers.

W. E. Sheridan, 150 W. 29th St., New York.
For page see List of Advertisers.

Wm. H. Kuebler, 38 Willowbough St., Brooklyn.
For page see List of Advertisers.

Moore, Hunts & Nash, 55 and 57 W. 26th St., New York.
For page see List of Advertisers.

Greater New York Florists Association, 102 Livinston St., Brooklyn, N. Y.
For page see List of Advertisers.

J. R. Allen, New York, N. Y.
For page see List of Advertisers.

Charles Millan, 57 West 26th St.
For page see List of Advertisers.

A. L. Young & Co., 54 W. 26th St., N. Y.
For page see List of Advertisers.

In writing to Advertisers kindly mention Horticulture
DO YOU FUMIGATE?

One Dollar Equal to Two and Three Quarter Dollars

We have mailed to every grower in the United States one of our opportunity postal cards; if you have not received one, we will mail a duplicate. When this postal is mailed to us with an order for not less than twenty-five (25 lbs.) pounds of the FUMIGATING KIND TOBACCO POWDER FOR BURNING we will ship in addition 25 lbs. of BLACK STUFF FINE Tobacco Powder for DUSTING and One Half pint Hasco Liquid Nicotine for SPRAYING, total value $1.75.

FREE

If Cash with order

Five pounds of the FUMIGATING KIND kills all Aphis in a 100x20 foot house IN ONE NIGHT.

FUMIGATING KIND AND BLACK STUFF FINE

<table>
<thead>
<tr>
<th>Quantities</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3.00</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>$1.75</td>
<td>50 lbs.</td>
</tr>
<tr>
<td>$1.00</td>
<td>25 lbs.</td>
</tr>
</tbody>
</table>

Hasco Liquid Nicotine

<table>
<thead>
<tr>
<th>Quantities</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 gal.</td>
<td>$10.00</td>
</tr>
<tr>
<td>½ gal.</td>
<td>$5.25</td>
</tr>
<tr>
<td>1 pint</td>
<td>$1.35</td>
</tr>
</tbody>
</table>

On cars Mount Vernon, N. Y.

The H. A. Stoothoff Co.

MOUNT VERNON, N. Y.

PLANT FOOD

Made into tablets—one of which to one quart of water makes the best plant food ever analyzed by the Massachusetts Experimental Station. Ask for sample by mail. Domestic size mailed anywhere for 50c, containing about 200 tablets. Dealers will find this the most satisfactory household package.

Eastern Chemical Co.

BOSTON, MASS.

KILMDEAD

The best of all the tobacco dusts for

Dusting or Fumigating

Stump's Waller Co.

New York, N. Y.

The Best Bug Killer and Bloom Saver

For PROOF Write to

P. R. Palethorpe Co.

OWENSBORO, KY

To-Bak-Ine Products Kill Bugs

You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free.)

Use any form you choose but buy it of

E. H. HUNT, 131 N. Wabash Avenue, Chicago

NIKOTEEN APHIS PUNK

Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphids so cheaply. Price $5.50 per case of 12 paraphrased boxes. All feeders.

NIKOTEEN Fungine

Fungine has no equal for corn rust, rust on chrysanthemums and mildew on roses.

$2.00 per gallon, 75c. per quart.

U. S. AND CANADA.

There is but one convincing way for you to become familiar with the merits of Aphine and Fungine, and that is—test them out yourself—it will prove worth your while.

For sale by seedsmen, MANUFACTURED BY APHINE MANUFACTURING COMPANY MADISON, N. J.

Wilson Plant Oil & Fertilizer Company

ELIZABETH, N. J.

Horticultural Supplies

Write for our special Catalogue—$6.

Spray Your Trees and Do Your Whittawashing

McBee Sprayer Pump. You can have a good sprayer of cheap, sturdy, strong, easy to use. If you keep your trees in good condition they will bring more money. Price, $5.00.

DEBEY SPRAYERS

Write for the catalogue of these sprayers for fruit trees, lawn trees and shrubbery. They are built to stay. Price, $2.00.

Charles H. Jabor Company

P.O. Box 960, Providence, R. I.
Mrs. John Odgers was born at Moqueketa, la., and died on Nov. 7, of heart failure.

Frank Kleinhaus.

On November 18, Franklin Kleinhaus, of Kleinhaus Bros., florists, St. Louis, Mich., died at his home after an illness of three weeks. His brother David will continue the business.

John Siebenthaler.

A well-known Ohio nurseryman, John Siebenthaler, died on Nov. 16, at Gettysburg, Pa. He had for years been a member of the Montgomery County Horticultural Society. Four sons and one daughter survive him.

M. Edouard Andre.

The death is recorded of M. Andre, who was editor, from 1869 to 1882, of the "Revue Horticole." M. Andre died on October 25 at La Croix, Blere (Indre-et-Loire), aged seventy-one years, after a long illness. He was the founder of many of the ornamental plants, was a skillful landscape designer and a man of high scientific attainments.

William H. Murdock.

William H. Murdock, for many years a florist in Cambridge, Mass., died on Sunday Nov. 25, at the Cambridge Relief Hospital, where he had been since the previous Tuesday. On that day he collapsed while at work in his garden, suffering from a slight shock.

Mr. Murdock was born in Cambridge in 1857 and retired from business about 10 years ago. He served in the common council in 1888 and 1889. He leaves a son, Harris H. Murdock, of New York, and two daughters, Miss Florence, a student at Mt. Holyoke College, and Miss Dorothy of Cambridge.

John H. Lambkin.

Descended because his many infirmities threatened to render him helpless, John H. Lambkin, eighty-one years of age, after making preparations for his burial, fired a shot into his right side, dying shortly afterward. Mr. Lambkin was a native of Bernham, Germany, coming to this country at the age of thirteen. When the civil war broke out he enlisted in the Union Army, serving under General Sherman and, later at Gettysburg, under General Bull. At the close of the war he came to Washington. For the past thirty years he has been the landscape gardener at the Naval Observatory but lately owing to rheumatism and heart failure he was unable to perform any work. He has been residing at the home of his daughter, Mrs. Benjamin Thomas, and it was the latter who found him with his clothing adrift a few moments after he had fired the fatal shot. He is survived by one son and three daughters. During his long respite in the capital, Mr. Lambkin had many friends and his passing away is deeply regretted.

POULTRY AND FRUIT REVIEW

A publication on the farm journal that reviews all poultry and fruit papers in the United States, will be sent on trial one year to all who send 16 cents, to pay wrapping and postage, and names of three fruit or poultry raisers.

THE REX COMPANY
HARRISBURG, PA.

Coconut Fibre Soil

is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

20th CENTURY PLANT FOOD CO.
37 Ocean St., Beverly Mass.

SITUATIONS WANTED

SITUATION WANTED in Massachusetts by an all around florist of over 25 years experience. Rose growing a specialty. Can take full charge of large rose growing establishment. Resignation desired. Address D. S., care HORTICULTURE.

FOR SALE

FOR SALE—Fresh from factory, new 10 x 12, 16 x 18, 16 x 24, double thick. A and B quality. Will sell at time to buy and save money. Parables from Nov. 25, 1911, Havemeyer St., Brooklyn, N. Y.

Make the Farm Pay

Complete Home Study Courses in Agriculture, Horticulture, Floriculture, Landscaping, Gardening, Poultry Culture and Valuable Specimens under Prof. Brooks of the Mass. Agricultural College and the Cleveland College of Cornell University and other renowned establishments. Designed Home Study Courses under Prof. Brooks and other professors in leading colleges. 250 page catalog free. Write today.

THE HOME CORRESPONDENCE SCHOOL
Tobacco Paper **“NICO-FUME”** LIQUID

OVER 40% NICOTINE

By far the CHEAPEST.

JUST NOTE PRICE!

Pint

½ Gallon

$1.50

$5.50

Furnishes the Most Nicotine for the Money

Manufactured by...

THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

FOR **“POT LUCK” TRY US**

HEWS STANDARD POTS

POT MAKERS FOR 140 YEARS — WORLD'S LARGEST MANUFACTURERS

WRITE FOR CATALOGUE AND DISCOUNT

A. H. HEWS & CO., Inc. Main Office and Factories

CAMBRIDGE, MASS.

GREENHOUSES BUILDING OR CONTEMPLATED.

Smith's Ferry, Mass. — Gallivan Bros., of Holyoke, one house.

Stockbridge, Mass. — Estate of Mrs. Oscar Ingers, one house.

Newport, R. I. — Robert Frame, 150 Gibbs street, one house.

Winfield, Kan. — J. L. Vaughn, East Third street, house 40 x 200.

Evanston, Ill. — Peter Risch, 1023 Warren street, range of houses.

Rocky River, O. — J. M. Gasser Co., three carnation houses, each 27 x 200.


West Albany, N. Y. — F. A. Donker, two rose houses, work to commence at once. He writes us that the report recently circulated that he is to build an orchid house is not correct.

Laramie, Wyoming — Bert Clippinger writes HORTICULTURE that in addition to the two greenhouses he is building, as reported in our Nov. 18 issue, he will erect four more of the same size next spring. Lettuce will be grown in one house. A small nursery will also be conducted in connection with a general floral business. He, in company with M. R. Clippinger, is doing business as the Clippinger Floral Co.

DREER'S “Riverton Special” Plant Tub

No. 200. Each Doz. 100

10  20  11  51  16  00  $15.00

20  21  10  30  12  00  113.00

30  19  1,00  11.00  95.00

40  15  1,05  7.00  58.00

50  12  1,45  5.00  46.00

60  10  1,85  4.00  32.00

70  8  2,10  3.50  29.00

Manufactured for us exclusively. The heaviest ever introduced. The new, our highest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop bands.

HENRY A. DREER, Seeds, Plants, Bulbs and Supplies. 714 Chestnut Street, Philadelphia, Pa.

PATENTS

Trademarks and Copyrights

Send your business direct to Wash. agents. Saves time and insures better service. Personal attention guaranteed. Twenty-five years' active service.

SPECIALTY: "Working on the Failures of Others."

Sieggers & Sieggers

PATENT LAWYERS

Box 6, National Union Building

Washington, D. C.

1000 READY PACKED CRATES

STANDARD FLOWER POTS AND BULB PANS

can be shipped at an hour's notice. Price per cent.

2,000 1½ in. @ $6.00 500 4 in. @ $4.50

1,000 2½ in. @ 4.88 453 4½ in. @ 4.34

1,500 2½ in. @ 5.25 420 5 in. @ 4.91

1,500 3½ in. @ 5.00 320 6 in. @ 5.75

1,000 5½ in. @ 5.00 114 6 in. @ 3.16

800 9½ in. @ 5.80 105 7 in. @ 4.29

608 12 in. @ 6.80 90 8 in. @ 2.60

HIFLINGER BROS., Pottery, Fort Edward, N. Y., August Rucker & Sons, 31 Barclay St., N. Y. City, Agents.

OUR SPECIALTY—Long distance and export trade.

Syracuse Red Pots

"A little pot is soon hot," likewise a tiny pot. This will save you fuel. Our pots are the thinnest and toughest owing to the superior quality of the clay. New price list on application.

Syracuse Pottery Co., SYRACUSE, N. Y.

STANDARD FLOWER POTS

If your greenhouses are within 50 miles of the Capitol, write us, we can save you money.

W. H. ERNEST

289 & M Sts., Washington, D. C.

ALL THE CLAY

Florist's Red Pot is prepared by passing through a screen 1000 meshes to the square inch. It is in a hurry for pots, order from us.

THE PETTS & BREM POTTERY CO., Zanesville, Ohio.
IF

IF YOU CONTEMPLATE BUILDING GREENHOUSES

CONSIDER FIRST

KING GREENHOUSES

THEY ARE UP-TO-DATE SCIENTIFICALLY DESIGNED,
LONG LIVED, AND TRULY ECONOMICAL

PRIVATE GREENHOUSES

ARE GIVEN SPECIAL ATTENTION AS TO ARCHITECTURAL
EFFECT AND PRACTICABILITY

KING CONSTRUCTION CO.

Home Office and Factory

Eastern Sales Office

N. TONAWANDA, N. Y.  No. 1 MADISON GARDENS, N. Y.

STANDARD PLATE GLASS CO.

Manufacturers—Importers—Jobbers

NOW IS THE TIME TO BUY

FRENCH OR AMERICAN GREENHOUSE GLASS

LOWEST PRICES ON REQUEST

26-30 Sudbury St., BOSTON, MASS.  61-63 Portland St.

SHARP, PARTIDGE & CO.

Are Leaders in

GREENHOUSE GLASS

OUR PRICES WILL PROVE THIS.

CHICAGO, ILL.

MISSOURI

is the birthplace of all business men. Let us
"show you" that all we
say about our ventilating machines and
greenhouse fittings is true. Give us your next
order, and we will guarantee to satisfy you.
You might write for a catalog now.

ADVANCE CO., Richmond, Ind.

The FLORISTS' HALL ASSOCIATION

OF AMERICA, insurer of 32,500,000
sq. ft. of glass. For particulars address

John C. Esler, Secretary, Saddle River, N. J.

Mastica

FOR GREENHOUSE GLAZING

USE IT NOW.

F. D. PIERCE CO.

12 W. BROADWAY

NEW YORK

Mastica is elastic and tenacious, admits of ex-

pansion and contraction. Putty becomes hard
and brittle. Broken glass more easily removed
without breaking of other glass as occurs with
hard putty. Lasts longer than putty. Easy to
apply.

BOSTON PLATE & WINDOW GLASS CO.

Greenhouse Glass

GERMAN AND AMERICAN

201 to 207 A St. BOSTON 20 to 22 Canal St.
Our Ideal Plan Number 87 at E. L. Chadbourne’s Place, Portchester
New York, Albert Dornberger, Gardener

It's ideal because it combines attractiveness, utility, economy and convenience in a way that can't be beaten for a small range. It is fully illustrated in color with plan and full description in that new catalog of ours. Just to show you how popular this Ideal Plan No. 87 has proven; five duplicates were ordered from different parts of the country in as many weeks, after the catalogue was published. One of the orders came from California and the business was transacted all by telegraph.

Perhaps it's just the house you need. Send for catalog and know.

Lord & Burnham Company,

NEW YORK
St. James Building

BOSTON
Tremont Building

PHILADELPHIA
Franklin Bank Building

CHICAGO
Rockery Building

FACTORIES: IRVINGTON, N. Y.
DES PLAINES, ILL.

LILIUM HARRISII
(The Bermuda Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when and this is disposed of, we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

- 6-7 inch bulbs, 335 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.
- 7-9 inch bulbs, 200 to the case, $16.00 per case; full thousand lots, $75.00 per 1,000.
- 9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.

Ferns

We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-in. pots .................................................. $0.60 each
Nephrolepis Elegansissima, Piersoni, Bostoniensis, and Harrisii, heavy 8-in. plants ........ $1.00 to 1.50 each
Nephrolepis Elegansissima, Bostoniensis, and Harrisii, heavy 10-in. plants .................. 2.50 each

F. R. PIERSO COMPANY, Tarrytown-on-Hudson, NEW YORK
"IT'S RICE FOR QUALITY AND PRICE"

MAGNOLIA LEAVES

Our recently introduced new-process prepared Magnolia Leaves have made a decided hit. Everyone who uses them is enthusiastic. Are you one of those who know how fine they are? If not, you ought to send for some right away; you'll be surprised to see how good, how reasonable and how economical they are. Scores of uses for them and they keep fresh and firm until needed. Rich brown and beautiful green in color. Run very uniform in the much desired medium sizes. Cost less than inferior goods. Here's a good investment for you.

Per Basket $2.00. 5 Baskets Or More $1.75 Per Basket

Prices for large quantities on application. If in doubt—send for samples—they'll convince you. Just what you need for Christmas Wreaths.

Manufacturers—Importers—Originators

M. RICE & CO. 1220 Race Street PHILADELPHIA, PA.

THE LEADING FLORISTS' SUPPLY HOUSE AND RIBBON SPECIALISTS

Plant Pots and Pedestals

We invite the attention of intending buyers, or those interested in seeing the newest productions of the potters' art, to our importations of English, French, German, Japanese and Chinese Plant Pots or Jardinieres, selected by our buyers at the places of production in the present season.

They include all sizes and shapes up to the large and very large, from the lowest price up to $1.50 each.

Dinner Ware. On the 3d and 4th floors will be found an unequalled exhibit of Dinner Sets all values from the inexpensive upwards. Superb designs of Fish Sets and Game Sets.

Our stock of China and Glass occupies ten floors and more than 9,000 bins including everything in this line pertaining to the Home, Hotels, Clubs, Public Institutions, etc.

Wholesale and Retail.

Jones, McDuffee & Stratton Co.
Crockery, China and Glass Merchants
GERANIUMS
SPECIAL OFFER.—We will send 1000, 50 each, 20 varieties, our selection from 2 inch pots for $18.50; from 3 inch pots for $25.00.

<table>
<thead>
<tr>
<th>Variety</th>
<th>2-In. per 100</th>
<th>3-In. per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Varieties</td>
<td>$2.00</td>
<td>$3.00</td>
</tr>
<tr>
<td>Ivy leaved and scented</td>
<td>2.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Silver leaf Nutt, Mt. of Snow, Mrs. Pollock</td>
<td>3.00</td>
<td>4.00</td>
</tr>
<tr>
<td>Novelties (all the best listed in our catalogue)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lobelia Kathleen Mallard</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>Hardy English Ivy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petunias, Double Mixed</td>
<td>$2.00</td>
<td>$3.00</td>
</tr>
<tr>
<td>Verbenas, Red, White, Blue and Variegated</td>
<td>2.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Lemon Verbena, Aloysia Citriodora</td>
<td>2.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Swainsona Alba</td>
<td>2.00</td>
<td>3.00</td>
</tr>
</tbody>
</table>

R. VINCENT, JR., & SONS CO., White Marsh, Md.

WASHINGTON
DARK PINK SPORT OF ENCHANTRESS HAS MADE GOOD

WASHINGTON-ENCHANTRESS differs from Rose Pink Enchantress as night from day. Washington is a sport from Enchantress with the best cerise or beautiful dark pink color—the Lawson shade—with stem, habit and productiveness same as Enchantress, and keeping qualities of the best. Stock is clean, healthy and well rooted. Guaranteed satisfactory in every respect.

CHICAGO CARNATION CO.
30 E. RANDOLPH STREET, CHICAGO, ILL.

ROSES
OWN ROOT—FINE STOCK
Per 100
Richmond, from 3 in. pots $6.00
Pink Killarney, Chatsun, Sunrise $6.00
Sunset, from 3 inch pots $6.00
Bride, Bridesmaid, Golden Gate $6.00

FIELD GROWN FINE, HEALTHY STOCK
Per 100 Per 1000
Beacon $6.00
Bay State $6.00
Mrs. T. W. Lawson $5.00
Red Lawson $40.00
Variegated Lawson $3.00
Winser $3.00

GRAFTED Finest Stock, 3 inch pots
Pink Killarney, White Killarney, Bride, Bridesmaid, Maryland $12.00 per 100

WOOD BROS., Fishkill, N.Y.

PRIVATE GARDENERS
Should All Give My NEW CARNATION BENORA
A TRIAL

NOW is the time to place your order. Write for descriptive circular. Cultural directions with each shipment.

$3 per Dozen $12 per 100 $100 per 1000

PETER FISHER, Ellis, Mass.

SWEET PEAS
Florence Denzer, Watchung, Mrs. J. Delaney, Pink Watchung, Mrs. C. H. Totty, Miss Josee Nicie, Greenbrook, Mrs. Alex Wallace, white flowering, several plants to the pot, $2.00 per 100 pots. Cash Please.

R. E. WADSWORTH
Northboro, Mass.

CARNATIONS
F. DORNER & SONS CO.
LA FAYETTE, IND.

BOUVARDIA
Two-year-old stock plants of Bouvardia House-hold now ready.

$3 per doz., $20 per 100
CASH WITH ORDER

JOHN W. FOOTE, Reading, Mass.
THE LATEST SILVER MEDAL

The new Sargent rose originated by Jackson Dawson now offered for the first time for fall 1912 delivery

This seedling combines the good qualities of R. Wichuraiana R. Crimson Rambler and R. Baro Rothschild which have been used in its evolution. The flowers are single, about three inches across pale rose in color and produced in greatest profusion in pyramidal clusters all along the stem branches, blooming from the middle of May till end of June. The foliage is a beautiful glossy green and remains in good condition till late fall.

As this stock is limited book your orders early. $1.50 each

Silver Medal awarded to Jackson Dawson for Prof. C. S. Sargent Rose by the Massachusetts Horticultural Society, June 26th, 1909

Also Notable Advances in Roses Originated by Jackson Dawson, which have received high honors at home and abroad

Lady Duncan, Dawson, Daybreak, Farquhar, William Egan and Minnie Dawson

Write for prices

SPECIAL WHOLESALE RATES ARE OFFERED, BUT TO THE TRADE ONLY

EASTERN NURS
December 9, 1911

II

THE MEDAL ROSE

We also carry a LARGE STOCK of Fine Conifers, Deciduous Trees and Shrubs and Hardy Herbaceous Perennials

Send for Our New Illustrated Catalogue

HENRY S. DAWSON, Manager

RIES, JAMAICA PLAIN, MASS.
CARNATION "WODENETHE"

A Carnation by any other name "might smell as sweet," but it is a fact that very few of them do. The fragrance of "WODENETHE," is delightful. It has every other desirable quality also, size, perfect form, purity in color and the calyx positively does not split.

Come and see it growing; then you will also see

BROOKLYN

ONE of the finest, freest blooming Carnations I have ever handled and a "bread and butter Carnation" in every sense of the word.

Prices on these two Carnations, $12.00 per hundred; $100.00 per thousand

CHAS. H. TOTTY, MADISON, N. J.

NEW YELLOW ROSE LADY HILLINGDON

The finest yellow rose on the market, easily grown, most prolific bloomer. Flower a remarkable keeper, retaining always its superb color.

One of the most beautiful decorations of the year at a large Boston hotel was entirely of this rose.

Write for Prices for Early Delivery of Young Stock

WABAN ROSE CONSERVATORIES, Natick, Mass.

SALESROOM AND OFFICE, 3a SOMERSET STREET, BOSTON

Rooted Rose Cuttings

NOW READY

Kaiserins, per 100, $3.50; per 1000, $25.00
Perles, " 3.50; " 25.00
Maryland, " 2.00; " 15.00

All are choice well rooted stock from flowering wood.

BASSETT & WASHBURN

Greenhouses: Office and Store:
HINSDALE, ILL. 131 W. Wash St., Chicago

AZALEAS

Six, nine and twelve dollars per dozen.

BEGONIAS.

7 inch 50c; 6 inch $1.00; 7 inch $1.50 each.

CYCLAMEN.

1 inch $1.00 per dozen. Larger plants $3.00 and $4.00 per dozen.

CHRYSANTHEMUMS

We are booking orders for early delivery of all the best Commercial and Exhibition varieties, either new or old. When in need remember we make Chrysanthemums a specialty.

ELMER D. SMITH & CO.

Adrian, Mich.
ELEGANTISSIMA, Piersoni, Bostoniensis, and Harrisii, heavy 6-in. plants...$1.00 to $1.50 each
Nephrolepis Elegansissima, Bostoniensis, and Harrisii, heavy 10-in. plants...250 each
FARQUHAR’S
NEW AND RARE
CHINESE PLANTS and LILIES

OUR CATALOGUE FOR 1912
Will be ready January 1st. and will contain
MORE GENUINE NOVELTIES
than any catalogue ever before issued in the United States.
These Novelties include Beautiful New Shrubs, Vines, Hardy
Plants and Lilies. It will be mailed free on application.

R. & J. FARQUHAR & CO. 6 & 7 South Market St.
BOSTON, MASS.
Two Useful Tenants of the Herbaceous Border

Pyrethrum roseum, the Pink Marguerite.

The real charm of daisies, using the name in the broad, popular meaning applied to flowers of botanically entirely different plant species, is their characteristic simplicity. Through ages civilized mankind has loved the modest beauty of all those plain single flowers commonly called daisies. At the approach of each spring we greet the small blossoms of the wild Bellis perennis on the sunny meadow with gladdening eyes. It is our first daisy, true to its name. Horticultural pursuits soon bring about the acquaintance with Chrysanthemum frutescens, the Paris daisy, or Marguerite and its more pretentious semi-double and double offspring of recent date. We, too, learn to appreciate the merits of Chrysanthemum maximum, known as the Shasta daisy, and its numerous more or less distinct varieties claiming recognition as such. What I have mentioned of cultivated types so far, however, appears chiefly conspicuous by the immaculate glistening white of wondrous regular rows of petals. The desire to produce flowers of the same classic form in various clear distinct color-shades has led many of us to try to solve the apparently vexatious task of growing the brilliant hued Cape daisy, Gerbera Jamesoni and its various new hybrids. The repeated failures in this direction are very apt to induce the North to a higher valuation of the hardy Pyrethrum roseum, frequently called the pink daisy, or the pink Marguerite. Of perfect form, the color scale of its numerous garden hybrids reaching sufficiently drained and an open sunny exposure. South of Boston it appears at its best during May and June, while farther north the flowering season extends well into the month of July. Under normal conditions plants attain a height of from 2 to 3 feet. The old stalks removed in time causes the plants to lightly bloom again in the fall. Pyrethrum roseum can be easily raised from seed which, however, only to a certain percentage comes true to color. For special color scheme arrangements it is therefore more advisable to buy previously assorted plants.

In modern garden planting with its tendency for higher values in artistic floral effects Pyrethrum roseum and its new single and double hybrids represent a material which no landscape gardener or garden owner at present can afford to overlook.

Monarda Didyma.

There is no scarcity of perennials which, as strong stately specimens, show to their best advantage when placed singly; be it as nucleus of mixed herbaceous borders, or on conspicuous places as forerunners of shrub plantations, or as solitary ornaments on the small patches of lawn of city house front or back yards. As a few instances I mention Gunnera scabra, Yucca filamentosa, Funkia subcordata grandiflora and nearly all the peonies. Again there is a large number which should be planted from the very start in sufficient number and close enough for a good and early mass effect. In the latter class we must count the monardas. Scattered singly here and there they are apt to be lost to vision; associated together in clumps of liberal size however, they become at once interesting, impressive, and while in bloom, decidedly handsome. As natives of our hemisphere monardas belong to our rarest flowering herbaceous plants in northern States. Their characteristic erect, at the top, branching growth, the aromatic foliage and the blossoms forming dense heads or whorls surrounded by bracts, make an ideal material for border planting.

Extensive popularity has developed quite a number of common names such as Horse-Mint, Bee-Balm. Oswego
Tea, Bergamot and others of merely local bearing. Widely distributed, we find at present perhaps only the original—Monarda didyma with bright scarlet flowers. The heads and bracts of the recently introduced variety—Cambridge Scarlet—are of darker shade; while "rosco" bears rose-colored and "splendens" conspicuously bright crimson-headed heads. All mentioned species prefer a sunny exposure, light soil and apparently do best in moderately moist and low locations. For dry grounds the wild bergamot, Monarda fistulosa, can be safely recommended. This species appears in two colors—rosy purple and white. Both varieties are, too, well adapted for the wild flower garden.

Monardas propagate very easily by root division. Cut flowers possess splendid lasting qualities and for that reason represent valuable material for indoor decoration.

Richard Rothe

Northeast Harbor, Maine.

Gladiolus Notes

The season past, has been a pretty severe one for gladioli, especially for developing seed. Although I put in the usual amount of work in crossing, I gathered the record small crop of seed. The bulbs turned out much better than I expected, considering the long extended drought, but I worked the hoe and cultivator double time, conserving all the moisture possible in this way.

The blooming period was not at all satisfactory this year. Many of the new sorts I bought for trial did not bloom. In some cases the bulbs sent me were evidently old worn out bulbs that probably never will bloom. I don't understand why so many growers send out this kind of stock. I have been trying for three years without success to obtain young stock of Gladiolus Sans Pareil, probably the most beautiful salmon pink gaudavensis in existence. From about 150 large bulbs of this variety I managed to get something like sixty bulbets but with the most careful culture I only got eight puny little cornels. The old bulbs of many choice varieties will not produce vigorous bulbets.

As a rule, the longer a bulb is grown from divisions, the more flattened it becomes, so that when we get the round or conical-shaped bulbs we are apt to think that we have some strong young bulbs. This is not always to be depended upon for a great many of my oldest bulbs that I have been growing for seeding three and four years, were as round as virgin bulbs when I dug them this fall. On the other hand, the variety Mrs. Frank Pendleton is invariably flat the second year from bulbets, if over seven-eighths of an inch in diameter.

The two best new white sorts I have tried this year are Isabel (M. Crawford) and White Queen (Geo. Popp, Jr.). The latter sort is a solid white and the one healthy bulb out of six I bought produced a strong healthy plant and a splendid spike of pure white flowers equal to any of the solid white varieties I have seen and better at my grounds than any I have tested.

But—what is the matter with all of the so-called pure white varieties? It appears that all of them require ideal conditions to grow them healthy and make them produce good spikes of flowers. The new French white Reine a la Antjou (Reine Blanche) is the one exception. This variety has proved strong and vigorous in all sections.

On my way to the Baltimore convention I stopped over a day at Flowerfield, L. I. to look over the vast fields of a half of John Lewis Childs. The visit was a treat for me for the time spent, and I shall always remember with greatest pleasure the interesting and instructive chat with Leonard Joerg, as we walked through the magnificent fields of blooming gladioli. It is not only the justly celebrated Childs that you see here, but novelities and varieties of all sections and from all parts of the world.

Side by side with the healthy Aline, Blanche and Alaska were all of the new pure whites of Europe and America and not one of them showed a healthy and vigorous plant or a good spike of flowers. A few of the varieties that especially took my fancy I will describe: Cardinal—a splendid scarlet of good size very clear and rich color. Dorothy Burnham—a grand flowered variety of a bright rosy pink color with a large pure white throat. Helen—a fine white striped with crimson. Prescott—white tinged with pink, dark throat. Splendor—large flower, soft pink or rose with a large magenta stain. Scribe—the Childs cousin of the old but still popular Eugene Scribe but to my eye much better. Gallieni—a large splendid red from Europe and the following superb sorts that I will not take up your time in describing—Alec Wallace, Rubesfer, Pres. McKinley, Gertrude. Barclay, Silver Shem and Japnick.

Among the fine varieties from Europe that bloomed with me this season were Soliel d'Or a good yellow from A. Graveree, France; Mons. A. Bruggmart, a fine pink, large white blotch; Madame de Vilmorin, very large pale flesh pink, striped rosy Carmine; Melusine, soft lilac with a white band and straw colored blotch on lower petals, and Cordelia a fine Lemoine of a very fresh pink with two carmine blotches on a white ground.

At Rochester last year I saw Niagara, and at Baltimore I saw Mr. Banning's other beauty, Panama, but not until I had seen these two beautiful varieties in bloom in my own garden, did I appreciate these magnificent gladioli, and I want to say the same of Kunderli Glory. Those who have only seen these varieties at Baltimore and Rochester, have not seen them at their best.

Mr. Montague Chamberlain is growing some wonderfully beautiful varieties and has been capturing valuable prizes with them this summer. There are four varieties that are well deserving of mention:—Rajah, a deep, almost solid red; Mrs. M. Chamberlain and Mrs. L. Merton Gage, two most beautiful white sorts, and Improved 1900, similar to the old 1900 but more brilliant if possible and perfectly healthy and vigorous.

Merton Gage

Orange, Mass.

The Rose

We are indebted to H. A. Dacre for the handsome rose portrait which is the central feature of our title page this week. The rose is pre-eminently a Christmas favorite and each year sees the quality of the product of our rose growers advanced beyond their previous record. The present season is notable in that respect. The rose, as a florist's flower is far, very far, from standing still now, however it may have appeared to lag in the past.
Culture of Phalaenopsis

While looking through the pages of HORTICULTURE recently I noticed that Phalaenopsis were included in the list of cut flowers on which prices are quoted. This would indicate that they have become an important factor amongst choice cut flowers in the market of the larger cities at least and therefore a few general remarks on their cultivation might not be out of place at this time.

Phalaenopsis is generally considered hard to grow, and this is true to a certain extent, but if certain little details are strictly attended to no serious trouble should be experienced in their cultivation even by the beginner. I have in my care over four hundred of these lovely orchids which were purchased in November, 1904, at the St. Louis Exposition, where they formed part of the Philippine Exhibit. The plants were at that time all growing on sticks of wood just as they were imported from the Philippine Islands. They arrived here on a cold November morning and it was due to mere luck and quick action that all of them were not frozen; they came in well ventilated boxes without any packing around them and the thermometer stood at 26 degrees! Some five or six plants were frozen, however, but most of the rest are alive today and giving a good crop of flowers every winter and some flower almost the year around so we are never entirely without bloom. At present there are over a thousand expanded flowers of the white Phalaenopsis Aphrodite (or A. amabilis, as it is generally but wrongly called) and they make a glorious display. Ph. Schilleriana with its great panicles of rose-colored flowers comes in bloom from four to six weeks later. With it flowers Ph. Stuartiana, another beautiful variety.

To grow Phalaenopsis successfully a suitable house must be provided in the first place. They require at all times a fairly high temperature and therefore the house should have ample heating facilities. One should be able to keep the temperature at 58 degrees to 60 degrees at night in severe cold weather, without unduly forcing the boiler. In milder weather 65 degrees at night will not be any too warm and the nearer one can keep the house to that point the better.

Newly imported plants should be put in pots or baskets as soon as possible, using sphagnum moss or osmunda fibre or both as a rooting medium. Any roots the plants may have should be carefully spread over the surface of the potting material and the plant securely tied to sticks or the wires of the pots or baskets until the new roots, which will soon form, have taken good hold of the compost. The receptacles are filled with crocks or charcoal nearly to the rim, keeping it higher at the center; spread a thin layer of the compost over the crocks and then put the plants in position and fasten same. They are then hung up, keeping them a foot or so from the glass. The house should be dampened down once or twice a day and the plants syringed every bright day. They must be shaded from the direct rays of the sun at all times, using more or less shade according to the time of year. Very little shade will be required from the middle of October until the first or middle of February; ground glass or any other kind of shade of equal density will do during this time. After that the amount of shading should be gradually increased until about the first of June. During June, July and August the plants should be shaded quite heavily. Some movable shades, like canvas or laths, which can be rolled up or down at will, should be used in addition to a light coat of white lead and muriatic acid. This will enable one to gradually get the plants used to the sun again by letting them down a little later and pulling them up a little earlier each day until they can be dispensed with for the rest of the season; on all cloudy days they are left rolled up, thus assuring them a minimum amount of light at all times. And light, as we all know, is the most important factor in producing good and plenty flowers. Where too much shade is used nice green leaves and few flowers will be the result, and, besides this, the plants will be more the subject to disease.

During the hot, damp days of summer, when no fire is needed to keep the house warm, great care must be taken to avoid a stagnant atmosphere. A little air must be left on day and night to prevent the atmosphere from being overcharged with moisture, otherwise trouble will soon follow.

The plants will start to decay, beginning sometimes in the heart of the plant but more often at some point of one or more of the leaves. As soon as this disease makes its appearance it is a sure sign that the house has been kept too warm and damp and insufficiently ventilated. A sharp lookout must be kept for this disease whenever fireheat is dispensed with. It will appear on the leaves in the shape of little transparent blotches, but if cut away at once, taking part of the sound healthy leaf with it, the plant can usually be saved. Should the rot begin in the heart it is very difficult to stop its fur-
ther progress, but by carefully cutting out all the diseased part and dusting or dressing the injured part with sulphur or lime most plants can be saved. Should the disease have gone too far before being noticed it will be best to cut off all the diseased leaves down to the root, treat the wound with sulphur and then hang the plant up out of the way of the hose. Do not water until the plant starts to grow again. In some instances it may be well to remove some of the potting material for the time being. It is astonishing how quickly this disease will spread; from a little spot the size of a pin head it will in a few days spread over and kill the whole plant if left alone, therefore one cannot be too careful in this matter.

Plants of Phalaenopsis are quite expensive and it pays to take good care of them. If properly treated they will grow better and bigger from year to year, and as they get larger they will also produce larger sprays of flowers.

The use of tepid rain water for watering is generally advised and no doubt is very good where it can be carried out, but here they get along on pure cold well water very nicely, never having tasted any rain water since they left the Philippine Islands. During the growing season I take them down whenever I can spare the time and dip them in very weak manure water. This does them lots of good and I only regret that I can not do it oftener owing to lack of time. It is quite a job for one man to take down some 500 plants and dip, besides doing all the other regular work.

All during the growing season (which commences when the plants begin to make new leaves and ends when the last leaf is made up) the plants must have plenty of moisture at the root, giving them a good soaking as soon as they show signs of getting dry. After that the amount of water given should be grad-

PHALAENOPSIS RHEDSTADIANA

and it is the flowers we are after. This can not be said of cattleyas and most of the other commercial orchids. Under ordinary treatment they grow a little smaller every year, produce less flowers. It is just the very opposite with Phalaenopsis, here—the older the better.

Keep insects pests down by the free use of the hose and some good insecticide. Do not smoke with tobacco stems while the plants are in bloom, as it will quickly put the flowers to sleep. Private gardeners who have plenty of time and help can sponged the leaves occasionally with tepid water and take the plants down several times a week and dip those that are dry in tepid rain water of the same temperature as the house; this will be beneficial to the plants no doubt; but the average commercial florist can’t afford to do it. My plants have been sponged once in the seven years they are here and then only because I had a dose of red spider on them which I could not get rid of otherwise. Since that time I use the hose freely and they have been clean ever since.

Naugatuck, Conn.

M.J. Clake
Seasonable Notes on Culture of Florists' Stock

CARE OF YOUNG LORRAINE BENOONIS

Plants that were propagated from leaf cuttings in October should be sufficiently rooted now or in a couple of weeks to go into 2 or 2 1/2-inch pots. These plants like a light sandy mixture so give them a compost of about four parts good loam, two parts leaf mold and one part well-rotted manure, with enough sand to make the whole light as they will not stand anything approaching a stagnant moisture at the roots. After they are potted give them a place in a house where the temperature stands anywhere from 60 to 65 degrees at night and as close to the glass as possible, giving some shade on all days when the sun is powerful. They will want a somewhat close and moderately humid atmosphere and a nice gentle sprinkling on good days. Fresh air must never be entirely excluded in good weather, for while they like a moist atmosphere they will not stand a muddy one. Ventilation will have to be properly managed from this out, so as to meet the many excessive changes in temperature that come with this time of the year. Watering should be done with care giving just enough to keep the soil damp but not saturated for it is better to keep rather on the dry side than to over-water.

CHRYSANTHEMUMS FOR STOCK

It is now time to select stock for bench and pot culture, for decorative purposes and exhibition next year. In deciding how many and of what varieties are needed it is well to bear in mind that while some make cuttings abundantly and root freely other varieties are just the opposite. Having made your selection, place the required number of plants in boxes of 4 or 5 inches of soil, packing the roots close together and firming the soil well around them, afterwards giving them a good watering. Keep this stock in as cool a house as you have and if pinched for room place them in a deep cold-frame where they can be kept just above freezing. Be sure to have all your varieties labeled with new labels.

BOUVARDIAS

Plants that were selected early in October and dried off in a cool house can by this time be started into growth. Cut all the immature wood back to well-ripened wood and give them a good soaking of water so the ball becomes well moistened. Give them a house where the temperature runs from 60 to 65 degrees at night, with a rise during the day of 10 to 15 degrees. Keep the plants moist by spraying them overhead two or three times a day. In a short time they will break away fairly from every joint producing a heavy growth that will make a fine batch of cuttings. These cuttings can be taken close to the base of the mature wood and placed in a warm propagating frame where the temperature of the sand is from 70 to 75 degrees. Keep them moist and close and in a short time they will have formed nice roots. When potting these cuttings into small pots use a mixture of sifted loam three parts, leaf-mold two parts, and a little rotten cow manure with some sand. Keep them rather close and shaded until they have made a few new roots when they should be given a place on some bench where they will have plenty of light and a temperature of from 60 to 65 at night.

Bouvardia Humboldtii is a popular favorite.

DENDROBIUMS

All dendrobiums that have flowered during the spring and summer such as Dendrobium Devonium, D. densiflorum, D. nobile and its varieties, D. suavissimum, D. thysiflorum, D. Wardianum and also many hybrids, now that their growth is maturing should have water gradually withheld so as to bring about that resting period which is essential to the successful flowering of these fine orchids. It is very important to give them a house where they will get more sunshine with less moisture in the atmosphere. To obtain this, ventilation should be admitted at all times when the outside conditions will permit. Temperature has to go hand in hand with the above condition so as to give them a decided period of rest; anywhere from 50 to 55 will be sufficient. When in this temperature give only enough of moisture at the roots to prevent shriveling, but they will be better for a spraying overhead on all bright days. When the flower nodes appear they should be given a warmer and moister house.

PROPAGATING CARNATIONS

Those who have three or four houses of carnations to provide stock for should start now and put in a batch of cuttings. A propagating house is the best, but where you have not this at command any bench that is situated where no strong draughts will strike it will answer the purpose. Remember you cannot take too much pains in having everything around the cutting bench in a clean state. Give the sides and bottom a good coat of hot whitewash to kill any fungus germs and then cover the bottom for about an inch or so with some coarse material for drainage. On top of this place about three inches of clean sharp sand of a medium grade of coarseness and pack it all over so as to be firm. Keep the sand from 60 to 65 degrees of heat, while the atmosphere of the house should range from 48 to 50 degrees to ensure a good strike. Where the sun strikes the bench shade with some muslin, which can be removed in the evening and on cloudy days. Plants that have been grown from July in the house should by this time give an abundance of nice cuttings from side growth which will make fine material for propagation without sacrificing your bloom.

PROTECTING PANSIES, ETC.

Pansies, daisies, myosotis, pinks, hollyhocks, violas, etc., that are in frames and have been exposed until the ground becomes pretty well tightened up with sharp frosts, can have a light covering of some perfectly dry leaves and then the sashes should be put on. During all mild days through the winter give ventilation so as to keep the ground in a frozen state. It is a good plan to cover the sashes with mats or any other non-conducting material to keep the solar heat from reaching them until the time when you wish to start and grow them on.

John J. M. Farrell

Mr. Farrell's next notes will be on the following: Care of Calceolaria from Now On; Forcing Early Narcissi; Fuchsia; California for Spring Flowering; Increasing Fern Stock; Lilies Intended for Easter.
Fruit and Vegetables Under Glass

There is an old adage which says, "There are always two ways to do a job, viz., the right and the wrong." This same rule applies to making a vine border; years of study have taught us a great deal relative to this. In olden days the houses were built and the soil which happened to be there was used to plant the vines in. In some instances no doubt this answered and for a time fairly good crops were produced, but no one could forecast how a crop would finish or how long the vines would last. In those days, as old garden books have it, dead animals were buried in the borders to furnish the vines with food. Up-to-date methods differ vastly from all this and we see vines producing a uniform crop year after year of finely finished and delicious fruit.

To commence making a border means to provide for it when accepting the plans for a new house, in the form of excavating the soil to a depth of four feet, having the sidewalks go down below this. A concrete floor should be laid on the bottom having a fall to the center, where a drain should carry away the water into a sewer. This is the first great step. Some may wonder what makes it necessary to have a floor beneath the roots. (1) This keeps the roots under absolute control and you know exactly how much soil the roots are growing in. (2) You are assured of good drainage which carries so many good points with it. Penning the foregoing reminds me of some renovating I was working on some years ago. We had torn an old border down in the endeavor to trace a strong root of a Muscat-Hamburgh; after much work we ran it to the wall where it had gone underneath the foundations—the border having no concrete bottom—and must have been growing under a near-by road. The health of the vine was not satisfactory and in a "death or glory" effort we were told to cut it off which we did and we got the first mentioned result as the vine never recovered from this amputation. This goes to show the necessity of perfect control. Coming to the drainage—four-inch land draining pipes should be placed at intervals of about six feet running with the grade to the drain. Broken bricks should now be thrown loosely over the whole bottom to a depth of from nine inches to a foot, using a few smaller ones for the top. Place a good sod grass downwards over all the broken brick and it is ready to receive the soil. Here I would say it is not advisable to make up the whole border at once; better make it three to four feet wide and add more soil as the roots need more room. Chop down the loam—already stacked—and to every ten loads of soil add one bag of large bones (2 inch), one of half-inch bone, and two bags of charcoal and mix well together. This mixture is given for a soil of medium texture. Heavy soil might need more opening material, while light soil would want less charcoal. Just firm the border as the soil is brought in but do not make it real hard. When planting vines from pots, shake the roots out and spread them evenly over the surface not more than three inches deep. This gives more feeding surface and encourages surface roots from the commencement. Providing the soil is stacked in time and protected from frost and rain this work can be done any time during the winter months.

Pruning Peach Trees

Peaches growing in pots are easily pruned. Keep the center of the tree open to admit air and light, leave all new wood possible and balance the tree by reducing any shoots of great length. Trees growing on a trellis are somewhat different. If properly disbudded there will be very little wood to cut away. Any old wood which can be removed by new should be disbudded. Take enough wood out so that the tree is not crowded when tied in again. A space in the center is best left open, as young growths will always fill in this especially if the trees are disbudded on the top side. Always endeavor to furnish the bottoms with as much growing wood as possible.

Fig Houses

All fig trees will now be resting and pruning and winter cleaning and renovation of borders can be proceeded with as time allows. Prune similar to a peach tree, leaving as much young wood as possible. When the tree is tied in again each shoot should have a space of at least six inches as its massive foliage requires plenty of room and light to develop. When washing the young wood great care must be exercised, so that the small fruit which form the first crop are not rubbed off. As with other trees the cleanliness of a fig must determine the nature of the winter wash. A fig requires plenty of water while growing and thrives best in a good retenitive soil. It can be replaced by trees to be dust dry while dormant. Figs are very rapid growers and do best where the trees can have plenty of trellis room without having to prune them too much each year. The house can be dropped to 28 degrees—more frost is liable to injure the young growths.

Peas

This delicious vegetable can be grown successfully under glass and from now on seeds can be sown which will furnish a supply of green peas long before they are obtainable outside. With the turn of the year and an increase of sun growth will be better and crops will come in quicker. A pea likes a good rich, moderately heavy soil and should be given a deep bench. Raised benches are preferable to solid at this time of year. They dry out quicker, the soil is warmer and the roots get more air. The small growing varieties recommend themselves for side benches with a limited head room; taller ones can be employed more profitably if head room permits. Give a liberal supply of water during the whole growing period. A night temperature of 55 to 60 with the usual advances by day will suit them. Such varieties as Nott's Excelor, Harbingter, Little Marvel and American Wonder will be found satisfactory on side benches while Gradus has stood the test as one of the most reliable of the taller growing peas.

George H. Benson
New Winter-Flowering Shrubs

Although we already have a considerable number of shrubs which are capable of being utilized for winter-flowering purposes it is important that any new additions should receive careful attention and the varieties mentioned below are capable of proving of great value to the florist and those who have to provide flowering plants during the dull months of the year. Variety is a matter of paramount importance. The varieties I mention are all more or less new introductions from China but some have already abundantly proved their worth as winter-flowering plants.

Jasminum primulinum is undoubtedly one of the finest greenhouse plants in existence. For the florist it is a plant of great value and for all forms of decorative work has a great future before it. In its native habitat this jasmine creates a wonderful display and in this country it can be grown very successfully in the open either as a bush or wall shrub where it is not subjected to more than fifteen degrees of frost and cold winds are not likely to prove a disadvantage.

Propagation is very simple from cuttings taken, if possible, with a heel attached and inserted in a sandy compost. These can be taken at any time when growth is active. As soon as well rooted they should be potted off singly into small pots and the most suitable size for flowering them in for decorative purposes will be three and five-inch, using a compost of loam, decayed leaf-mold and sand. During the summer months the plants can be grown outside, bringing them in about the end of October when the growths will be in good condition for flowering.

Two other great additions to our winter-flowering plants are Buddlea officinalis and B. asiatica, both of which come from the East, where they are well-known and highly appreciated. Their cultural requirements are the same as advised for Jasminum but five or six-inch pots will be the best size to flower them in and after placing in a warm greenhouse they will respond well to liberal feeding and flower more freely if pot-bound. The foliage of B. officinalis adds much to its attractiveness, both this and the stems being covered with dense white hairs. The flowers are produced in many racemes at the end of the main stems and also from the numerous side branches. These are lilac in color with an orange eye and very sweetly scented. The same remarks apply to B. asiatica with one important difference—the flowers are pure white and also deliciously fragrant. Both of these make attractive plants for pot culture and their value for cut flower work is enhanced by the great length of time they remain in good condition.

Deutzias have always been among the most popular of shrubs for forcing and among the new Chinese introductions we have some most welcome additions. D. Wilsonii, a large pure white flower, is the finest of all, with gracefully arching stems along which the flowers are produced with great freedom. D. discolor major has been used for forcing quite largely, though not common here yet. This also has white flowers and the long arching sprays are particularly valuable for cut work. Other new species from China include some with rose-colored flowers which, when plentiful, are sure to be much appreciated. In growing Deutzias for winter-flowering it should be remembered that the principal factors are a restricted rooting area, well ripened wood and very gentle forcing.

Loropetalum chinense

Medium-sized shrubs that can be made to flower during the dull winter months are of great value for decorative work. The difficulty is that the trade are addicted to working on similar lines and so few are willing and courageous enough to break fresh ground. The system in vogue produces keen and legitimate competition but it so limits the variety of the output that there is a decided sameness everywhere in florists' windows and markets.

The subject of this note is not a new plant: on the contrary, it is quite an old plant but it is seldom seen and by no means appreciated at its proper worth. It is not hardy and will only bear with impunity a few degrees of frost. For forcing it should be grown in pots and after flowering given a short rest, then pruned lightly, repotted and grown on in moderate heat. About mid-June plunge outside. A fair amount of sun, restricted root-room, plenty of water and feed are the essentials. House the plants before the early frosts set in and keep well up near the light. By regulating the temperature the plant can be had in flower continuously from Christmas to March.

Though closely allied to the witch-hazel this plant with its long strap-shaped pure white petals superficially resembles the Chinese fringe-tree (Chionanthus retusus). Every short and tiny twig terminates in a cluster of snow-white flowers. So profusely are these flowers borne that they almost hide the small, neat foliage. The flowers last well, and the plant withstands a fair amount of rough treatment and is well adapted for conservatory and general decorative work.

Loropetalum chinense is native of rocky places in eastern and central China, between sea-level and 2,500 feet altitude, where it forms a twiggy, much-branched, sub-evergreen bush 2 to 5 feet tall. It was introduced to cultivation by the late Charles Maries, about 1869.
Our seventh anniversary

For the seventh time Horticulture presents its annual holiday number, fully conscious of its many shortcomings, yet not without a certain amount of pride which we feel is pardonable and which we believe our readers will be ready to excuse after they have looked through its pages. When "the Boston paper" entered the already well-occupied field of horticultural journalism seven years ago, it was with a full realization on the part of its promoters of the long uphill task ahead and the many obstructions and hindrances that it must expect to find blocking its path.

But we thought we could discern in the dim outlook a path which, courageously and patiently followed, would eventually lead to success and an honorable position in the estimation of those whose interests we sought to advance.

And so the uphill climb was begun.

Convinced that an imitation or duplication of the style and methods of existing journals would be almost suicidal, it was decided from the outset that Horticulture would be different and would, at least, aim to be a better exponent, if possible, of the spirit and purpose of American horticulture than its contemporaries.

How far this aim has been achieved we leave to each one of our readers to decide for himself, but there's encouragement, at least, in the fact that the obstacles which loomed ahead and which even some of our best friends regarded as almost insurmountable were one after the other overcome—and today after seven years of "hammering away," Horticulture finds itself secure in its footing and nobody disposed to openly question its permanency or its usefulness.

Where credit belongs

What has been accomplished thus far towards gaining the confidence and practical support of the horticultural industries of our country is not all apparent on the surface, but in our periodical special numbers, of which the present issue is a good example, it crops out in unmistakable quality as anyone who turns to its well-filled advertising pages or carefully selected reading articles will realize. All this has been made possible, not through any especial ability on our own part but primarily because of the generous and indulgent attitude of the trade extended unalteringly from the beginning. It is only right that we should make this acknowledgment here and, as far as lies in our power, see to it that the liberality and enterprise of the advertising firms whose patronage make this special issue possible is well rewarded in direct increased business returns. And those of our readers who can see their way clear to turn in some good trade to the houses herein represented will, in doing so, confer upon this paper a lasting, far-reaching and deeply-appreciated favor which, we doubt not, will prove to have also been equally advantageous to themselves.
The National Chrysanthemum Society's November show at the Crystal Palace attracted many meritorious entries and numerous appreciative visitors. The immense glass house was brilliantly lit with the mass of blooms. The trade section was particularly strong. In a central position a bold group of chrysanthemums was arranged by Mr. H. Jones, Ltd., of Lewisham. The society awarded a large gold medal. A similar award was made to Norman Davis, of Framfield, Sussex, who has initiated an annual Chrysanthemum section at Framfield Horticultural Society's show with much success. Amongst the novelties shown by Mr. Davis was Charles Dickens, a fine single of a golden yellow tint. This received a first-class certificate. In a class for twelve bunches of disbudded chrysanthemums as grown for market there were many creditable displays, showing how the commercial growers have improved. A splash of bright color was added by the new zonal pelargoniums exhibited by W. H. Page, of Tangle Nurseries, Hertfordshire. The beautiful flower formations were well filled, and furnished an artistic addition to the show. The baskets of autumn foliage and fruit were a great blending of the hints and splendid finish were noticeable features.

Some New Additions.

There appears to be no limit to the raising of novelties. The list of varieties is getting perplexing year by year. Weeding out process is evidently needed to keep within reasonable limits. At the show above referred to a big batch of novelties came up for the floral committee's consideration. In thirteen instances awards were made; in a number of other cases the committee expressed the wish to see them given receiving the following awards were as follows: Yellow Caprice, a sport from Caprice du Printemps; Heaton Bronze, light bronze Japanese; Celio, bronze single; Mrs. E. Wiseman, incurved, primrose tint; Mrs. John Peed, bright yellow single; White Beauty, white large-flowered single; Catheram Bronze, bronze terra-cotta; R. G. Burges, white large-flowered single; Charles Dickens, golden yellow single; Mrs. Andrew Walker, a chestnut sport from Freba Bedford, a decorative market kind; Dorothy Dunn, terra-cotta single; Miss Margaret Walker, a bronze single; Shoreham Old Gold, a single of the tint its name indicates.

British Horticulture

A Criticism of French Gardening.

Sometime the London daily press gave the French system of horticulture a big boost. Under the pictureque title of "Golden Soil" some alluring word pictures were given of the money-making potentialities of this method of production. In recent times a more level-headed view of the system has been put forward by practical men, giving a less rosy estimate of the financial side. At a recent meeting of the Bourne- mouth Gardeners' Association a lecture was given by Mr. E. Harris, raising the important question: "Will the French intensive culture system become popular in England?" The lecturer adopted a negative attitude. He pointed out the different conditions which obtained in France, where there was a greater demand for early salads. The French growers for generations had become accustomed to this system, the father being succeeded by the son in the work. Another important factor was that a plentiful supply of straw was available, whilst coal was not so abundant. In England they had plenty of coal, consequently the English grower was able to go in largely for bunching groups and the more expensive kinds of fruit with the aid of hot water pipes. In the course of the discussion, the general opinion expressed by the members was that the French system would never be extensively adopted in England for commercial purposes, but as supplementary to our usual method of forcing, principally in private gardens.

Chrysanthemum Matters.

The members of the Scottish Horticultural Association have been voting on the twelve best early chrysanthemums. The following were placed first: Goacher's Crimson, White Maid, Lillie, Polly, Nina Blick, Abercorn Beauty, Lesley, Elstob Yellow, Hector, Carrie, Diana, and Horace Martin. At a recent show of the Royal Horticultural Society in London the under-mentioned new chrysanthemums received awards of merit. W. Wells and Co., Ltd., showed Mrs. Andrew Walker and Golden Queen, the former is a large bloom of a reddish-mahogany tint. Golden King is an attractive Japanese incurved bloom, of a rich yellow, similar to W. H. Lincoln improved. Messrs. Wells and James Veitch and Sons, both showed Golden Cap, a good yellow sport from the well known Caprice du Printemps. Snowdrop is a lavender single from the market nurseries of P. Ladds, of Swansley, Kent. Another single seen was Percy Arnold, of a pinkish crape hue, exhibited by W. G. Rigden, of Engfield Green, Egham, Surrey.

Obituary

F. A. Miller, seedsmen of Fruitaile, Cal., died suddenly on November 18. He had been engaged in the seed trade for seventy years, and his business covered the United States and foreign countries.

Wellington Hughes, proprietor of the Hillsdale City Greenhouses, Hillsdale Mich., died on November 18, aged 79 years. He was born in Utica, N. Y., and settled in Hillsdale in 1845, following the vocation of florist for forty years. He is survived by a widow and two children.

Robert Snodgrass Tabb.

Robert Bottomley, Jr., was remembered by many who participated in the Asheville Convention of the S. A. F. with grateful appreciation of the courtesies extended by him, assisted by his son, at Asheville, N. C., a few days before his death and brought his body to New York, where he was buried in Woodlawn Cemetery. Robert Bottomley, Sr., was remembered by many who participated in the Asheville Convention of the S. A. F. with grateful appreciation of the courtesies extended by him, assisted by his son, at Asheville, N. C., a few days before his death and brought his body to New York, where he was buried in Woodlawn Cemetery.

Barnabas Eldredge.

Barnabas Eldredge of Belvidere, III., is better known as the president of the National Sewing Machine Co. than as a florist, but here in Chicago he was known also as a successful florist, who in his weekly visits here, made many friends.

On the afternoon of November 26th, Mr. Eldredge was found in his room at the Great Northern Hotel in a dying condition, and in the way of heart failure, to which he was subject, and to which he had nearly succumbed ten days before. Barnabas Eldredge was born in Barnabas Eldredge was born in New England, and his boyhood was spent upon a farm and where he learned to love nature so much that his success in a great factory was followed by a venture in the greenhouse business later in life. Many of the trade sent floral offerings from Chicago, and the funeral from the late home was very large.

A. G. Holt, C.E.

Mr. Eldredge is survived by his wife, and his remains were placed in a mausoleum beside those of his only son, Franklin P., who died one year ago.
DESTROYING INSECTS UNDER GLASS

by W. F. Massey.

Those of us who have worked under glass a good part of our lives know the bother and worry of tobacco fumigation for the aphides and the stale odor of everything in the house resulting therefrom. Then, after all, it is but a temporary check and we have to go through the same thing another week. I suppose that we will always continue to use tobacco in some form for the aphides and there are some others in the greenhouses that are not affected by the tobacco smoke that it is important to have something to destroy these as well as the aphides.

By careful syringing we can keep reasonably free from red spider on many things, but there are crops under class, like tomatoes, which do not like overhead spraying, and if the underfoot moisture is not well maintained, these may get infested with the mites.

Then it is well known to florists that there are many ferns that object to wild tobacco fumes and which are damaged by tobacco smoke, and it has been a matter of discussion whether, in fumigating with tobacco, we are killing beneficials or after destroying. I have heard gardeners insist that plants would be damaged if not syringed before fumigating. The fact is that it makes little difference whether they are wet or dry, for some plants will not be damaged by smoke under either conditions, while other plants will suffer somewhat, whether sprayed or not.

Then there are insects that infest the frames and tobacco fumigation is a different matter in a frame, and while there may be aphides, the red spider does not mind them and the white fly is unharmed, and the sow bugs that infest the orchard are not hurt. What is needed is a deadly fumigation that penetrates every place and is destructive to every form of animal life in the house while not injurious to the plants. No fumigating material has been discovered which meets these requirements as well as the cyanogen or hydro-cyanic acid gas, formed from the combination of sulphuric acid with cyanide of potassium. When sulphuric acid is added to cyanide of potassium, or rather when the cyanide is placed in the sulphuric acid, there is a complete decomposition, and the cyanogen is set free, while the sulphuric acid unites with the potash and falls in a powder forming the sulphate of potash which every cultivator knows is valuable as a fertilizer in the soil.

The giving claimed advantages for sodium cyanide for use with sulphuric acid for fumigating purposes. But I see no advantage in its use, but rather a disadvantage. The cyanogen, generated from a given quantity of potassium cyanide can be produced at a lower cost than a similar amount from sodium cyanide.

It is true that it is claimed that it takes 132 kilograms of potassium cyanide to generate the same volume of gas as is contained in 100 kilograms of sodium cyanide. But this is true; in it, because the difficulty comes in making a complete decomposition in the acid. Sodium sulphate rapidly forms out of the sulphuric acid and closes a portion of the sodium cyanide so that the sulphuric acid will not act upon it.

When potassium cyanide is added to sulphuric acid, the sulphate of potassium that is formed is a powder and the decomposition of the cyanide is certainly the most penetrating into the air to accomplish its deadly work, and all that is left is of value to the cultivator, while if the sodium cyanide is used the resulting sulphuric acid is absolutely useless to vegetation. In the one case the operator saves a valuable by-product and in the other he gets less gas and a by-product worthless for farm or garden purposes.

To the vegetable grower under glass it seems to me that this cyanogen fumigation is the way to do it. It is hard to rid a crop of lettuce even of aphides with tobacco smoke without spoiling the quality of the lettuce, and when the green caterpillars infest the lettuce, there is no way in which they can be at once effectually destroyed better than by a good fumigation. The cyanogen is even easier than that of a greenhouse, since the operator is already outside and only has to raise a spray, drop the cane on the floor and then move back while any one who has tried to fill a cold frame with tobacco smoke knows how hard it is to do it.

Some plants with rough or hairy leaves are sometimes injured by the fumigation. I have seen a statement in a bulletin from one of the Experiment Stations that it will destroy mature insects, not scale. If this was true, there would be little use in the fumigation of dormant nursery stock. The operator and leafless plants can stand a longer fumigation than plants in a growing state. Fumigation in tight quarters makes it nearly gas-tight as possible. For each 100 cubic feet of space there will be needed one ounce of potassium cyanide, one and a quarter fluid ounces of sulphuric acid and three ounces of water. Place the water and sulphuric acid in a deep stone crock, or wide-mouth open jar. Break the potassium cyanide into pieces the size of a marble and pour them into the crock and shut the door as quickly as possible. If the fumes are left on the mark and the house, the pet and even the San Jose scale will be destroyed.

The fumigation of hot houses needs more care. For each 100 cubic feet of space in the house half an ounce of potassium cyanide, one and a half fluid ounces of sulphuric acid and one and a half fluid ounces of water. Select a moderately mild night and use the acid and cyanide soon after sundown and open the house and air it out by nine or ten o'clock.

The following is recommended for these purposes. Lettuce aphides: For each 1000 feet cubic space use one-fourth ounce of the potassium cyanide, three-tenths of an ounce of sulphuric acid and three-quarters of an ounce of water. Make the gas soon after sunset and leave the house closed all night. In airing out the house after fumigation have the cover up before the doors, and let the air pass through for some time, before entering to open the ventilators.

In large greenhouses it is best to have a row of jars with operators to run each way and drop cyanide as they pass the bars toward the doors, placing a jar for each 1000 cubic feet of space in the house. Where houses are built on the ridge and furrow plan and open to each other, about the only way to have a jar in each section, about midway, and a man to drop the cyanide and hasten to the door in each house.

By having the cyanide in little charged bags attached to a cord running through a staple overhead, a man can stand some distance away and drop the cyanide and get out and close the door in a long house.

PINES.

About 48 per cent. of the total lumber output of the United States in 1908 was pine, showing how important to the lumber industry of the country the 37 species of pine grown in the United States area.

No one species grows in all the states, yet, with perhaps one exception, no State is without one or more. Some occupy large regions in considerable abundance, while others are so scarce that few persons ever see and recognize them. Yet no species of pine is so scarce that it is not made in some way to serve man’s need.

Four important timber trees of the southeastern United States are usually grouped as one in the lumber market and are sold under the common name of yellow pine. They are the long leaf pine, short leaf pine, loblolly pine, and Cuban pine. While in appearance the woods of these four trees are so nearly alike that it is sometimes difficult to distinguish one from the other, still in some particulars, there is considerable difference.

Although the long leaf pine, white pine, western yellow pine, western white pine, and the loblolly produce most of the pine lumber manufactured in the United States, the U. S. Department of Agriculture in Forest Service Bulletin No. 98, considers each species separately, giving its physical properties, the supply, its early uses, manufactures and products; and in the case of the more important species, specifies the uses to which it is put. The places which some species occupy are very humble, and they can never rise much in the scale of usefulness, yet each one is entitled to its own individuality.
FOUR MORE CHRYSANTHEMUM NOVELTIES.

Ramapo

This is an American variety, a seedling of Col. Appleton, and is of the same color. The foliage much resembles the parent in the way it comes right up to the flower and the stem is perfectly stiff. Colored Appleton is about done. So many of the flowers come misshapen now that many of the commercial growers are throwing it out. Ramapo should fill its shoes worthily.

Mrs. Hort. D. Foote

A claret crimson, very effective in color and having perfect stem and foliage. Every petal naturally reflexes, which gives the flower a bold, striking appearance. This variety should make its own way without any pushing.

Annie I. Angus

A pure white of enormous size that will be a valuable variety for collections of 24 or 36 in the short vase classes. The stem is a little weak and that is the only criticism one can make on this sort.

Sunshine

A deep golden yellow, flower very large and spreading, though not very deep. The color is almost the same as R. F. Kelton, but flower is much larger. Sunshine should brighten up many a greenhouse next fall in early November.

All of the foregoing are being introduced by C. H. Totty.
MODERN TOMATO CULTURE

While on the subject of pests, another matter which needs the greatest attention is the growing of tomatoes, and in this case those which are simply masses of blight, and if the sanitary authorities took one-quarter of the trouble to control the sale of diseased and blighted tomatoes that they do to see that ice creams are pure, a great deal of illness would be saved. Quite ninety per cent. of the tomatoes sold in Boston are covered with blight, and the public would in England be condemned by the market inspectors, as unfit for human food. Starting from where they have come off the stem, they are mostly carried, and each crack is full of the fungus from the disease known as black stripe and black spot, while the whole fruit is often covered with yellow parches, which under the skin extend almost like a blister, and is known as spadium, another poisonous disease. Besides this one finds tomatoes exposed in scale with the soft and flabby to the hand—this is known as soft disease, and the fruit should be destroyed, not eaten. The whole fruit of the growing tomato in America is incorrect and should be undertaken in a scientific manner which would be vastly more profitable to the grower than it is at present. In the first place, the house should be more than eight feet high at the eaves, and from fifteen to seventeen feet at the ridge. The sides and ends should be well ventilated. The ventilation should be on the side as well as the roof, the roof ventilators being alternately right and left throughout the length of the house. If it is found impossible to renew the soil in the house each year, the soil should be thoroughly watered with strong solution of caustic soda and water, and the side structure of the house should be thoroughly saturated with the same solution, and thoroughly scrubbed with soft soap and hot water. The house should be left open for fortnight until it is time to prick in the seedling plants, but before doing this it is imperative that the soil in the house should be thoroughly well watered with hose pipe, so as to wash down deep into the soil the caustic soda with which it had been watered a fortnight previously. As regards the management of the seed; no advantage is gained, in fact it is very dangerous to grow from one's own seed, or to grow two years running the same variety.

The variety selected should be one that produces fruit which weighs from five to six tomatoes to the pound. The seed should be sown in seed pans and kept on a hot bed, and when well large should be transplanted into the greenhouse, when the chance from the first, each seed should be planted by hand, an inch apart, and not sown broadcast, like mustard and cress, which are excellent to grow, when the time of transplanting comes, to lift each plant without disturbing the root. If the grower has not absolutely new thumb pots to plant in, fresh from the kiln, he should string his thumb pots on wire, in lots of one hundred and put them for ten minutes into boiling caustic water, and then into the crocked or vitrified clay, having been similarly treated. If this is not done, no good results can be obtained. Only sterilized soil should be used in transplanting; if not, the thumb pots and the vitrified charcoal, say 25 per cent. can be mixed with the soil, it will enormously repay the grower. Seedlings treated in this way are absolutely free from club root, codworm and thrip. When the seedlings are from four to five inches high they should be taken to a house which has been prepared as above and planted in double rows, each plant being fifteen inches apart in the rows, and the second row should be left for the plants in the two rows being alternate. The interval between the double row and the next should be from one yard to one and one-fourth yards. This mixture of plants planty of air, and will leave sufficient space for the grower to move about freely without damaging the plants or the structure of the greenhouse. Use bamboo stakes to which to train the plants, they should be put in the same day as the seedlings; if, however, it is decided to use string, this can be done as the plant requires support. There is only one method of growing tomatoes successfully, and that is on a single stem. They should be planted from the very beginning and no side shoot should be left on the plant, when it has been taken off. The gardeners should wear aprons with pockets, into which to put them, or else carry baskets, but to leave them on the ground is fatal as it sets up blight and disease. The top air should be left open on all occasions, and no watering should ever be done after nine o'clock in the morning. Should the plants flag from excessive heat, the air should be sprayed on the outside with thin lime wash, and all possible doors and ventilators should be opened. Unless the weather is extremely cold, top air should always be given in moderation at night. As soon as any plant reaches six feet in height it should be stopped by nipping out the centre top. In tying up tomato plants care should be taken to have the raffia tied tight around the support, so that it cannot slip, and then a loop round the stem with plenty of raffia; leaving room for the flower to swell. If the bottom trusses are too thickly fruited, it is advisable to thin the fruit to six on a truss. All bottom fruit should be well tied up with raffia, or their own weight may make them snap off at the shoulder. They should never be tied to the growing stem, but tied to the support. The method of feeding tomato plants is as follows: Bolt in a copper, or cooker, row dung with a mixture of soil, and as small quantity of potash, and make this mixture of cow dung; dilute this mixture with water as you use it, in the proportion of one gallon of mixture to ten of water, and water the plants, only at the root, twice a week. In watering plants in a greenhouse, never water the foliage under any conditions. If any signs of blight, such as yellow spots appear on the leaves, as soon as the disease is noticed, or a plant sickening from some unaccountable cause, which is sleepy disease, the only thing to do is to destroy it, or if it be possible, as it is noticed and to burn it, as the chances against its recovery are very small, and these diseases spread from plant to plant very rapidly; the place from which they start should then be the soil dug out and taken right away to the sterilizer and fresh soil and a fresh plant should be brought into the house to take the place of the plant which has been removed. After the six bottom trusses on each plant have been gathered, one of the leaves below each truss should be allowed to grow and not be removed, and by the time it has reached four feet all the trusses on the main lead should have ripened and been gathered. The fruit should then be cut down to the point from which the new lead starts and the new stem tied into place. When the new lead has been from four to five inches long, it should take out the top, which will make it throw out larger fruit. It is an unwise plan to defoliate in the first and second fruits until the fruit is seen. The foliage should be reduced one-half, and as the fruit ripens the leaves should be reduced to two leaves on each fruit. When the roots of the plants show above the ground, fresh soil should be brought into the house to cover them and they should be banked up. No fall on fruit should ever be allowed to remain on the ground, but should be taken away and burned, and no weeds, should ever be allowed in a tomato house. If only growers would take the precautions mentioned above, we should see none of the diseased fruit, that we see at the present time. As regards the dressing, it has been proved over and over again that this is the only way to make tomatoes pay. Take, for instance, a house which will hold 4000 plants, planted as above. This house will require two men and four boys (say) to look after it, and they could produce from each plant ten trusses, each weighing from one to two pounds. Their duties would be, first, each morning to water, then to gather all ripe fruit and take them to the grading-house, where if only growers would treat or boys under supervision; their next duty would be to thoroughly go through every row and carefully side-shoot each fruit, so that all could be completed by mid-day, and then these men and boys would be available for other work about the nursery, by this method of individual cultivation each plant should produce twenty pounds of really good, sound fruit, so that a house with 4000 plants should produce 80,000 pounds of tomatoes. This should be a very paying industry and well worth the attention of mar. et-growers.

G. A. Jackson Burton, in Boston Transcript.
The Fifteenth Annual Report of the Secretary of Agriculture, made public this week, begins with a series of short paragraphs of much national importance. A few of them are reprinted below:

Brief Comments.
Would it be asking too much of our universities to have them educate more plant pathologists and road engineers? Every country in the world that has diseased plants that can not be sold at home can ship them to us. This results in great losses. The chestnut disease here is an illustration.

Acer years of experimentation we find we can grow Egyptian cotton in Southern California and bulble in the State of Washington. The finest dates from the Sahara Desert succeed in our Southwest. No seed is sent out for some department are being tested for germination condition. The schools want more of our publications than we have to give them. They are exploring the ends of the earth for new plants and bettering them. We are sending explorers to the Far East. The chests are abundantly found in Florida, Kentucky, Tennessee, and Idaho may be mentioned as depositories. If good roads from the produce to the consumer were general, the benefits to both would be considerable.

When a foreign insect invades, our scientists seek its enemy where it came from. The natural enemy of the Mexican bean worm was an ant that could not endure our winters, but the native ant is getting busy. The experiment stations of the several states are doing better work each succeeding year, the scientists are maturing, and the people are appreciating.

Our systems of renting land are faulty and result in soil robbing; where the renter can not provide domestic animals, the owner should arrange to furnish them, so that rotation of crops may be had, and hay and grain may be fed on the farm.

Irrigation will bring maximum crops while the land is new and full of phosphates. All in good soil areas, sold year by year, irrigation will not of itself assure good results.

Alaska will some day provide farmers in lower latitudes with grain seeds suitable for to what they can grow at home.

The corn crop is moving northward by seed selection. The result is to make good fertilizers on the farm, in cisterns, to be applied where crops are to be grown; this will recover the greatest farm waste of our times.

In Wisconsin, in fact, that whole classes of graduates of agricultural colleges go back to the farms, having learned how to make them profitable.

Our forecast is learning by experiments how to fertilize 30,000 acres in a year; 10 times as much must be planted annually to cover all the bare acres in a generation. It will be done.

The potato crop of potato bushel is about 50 per cent of the average production, but the farm price has increased to such an extent that the total value of the crop is the highest of record and amounts to $5,000,000.

Forest Pathology.
On account of their important relation to reforestation, damping off and other diseases of forest-tree seedlings have received special attention. The results of the past seasons' work have confirmed the previous reports of absolute success in controlling the serious "blight" of coniferous seedlings by slight and perfectly practicable changes in the management of water supply and shading. For some years so far as the use of sulpheric acid in preventing the damping-off of coniferous seedlings in the Forest Service nursery at Halsey, New Hampshire, has been very successful. If these results are confirmed by work in other localities and other years, damping-off so far as coniferous seedlings are concerned, will be almost entirely controlled in reforestation.
The use of sulphuric acid as a soil fungicide originated in this department, as reported in published publications.

It is fortunate that at this time, when interest in reforestation is at its height, we should knowingly import a destructive European nursery disease. Yet this approach of the case. The white pine blister rust, referred to in previous reports, is unquestionably still being imported. All importations that could be prohibited should be prohibited, as the damage which this disease can do, and probably will do, if once established in America, is out of all proportion to the value of all white-pine seedlings ever imported or ever likely to be.

Diseases of Fruits.
Apple spraying experiments and demonstrations were conducted in several widely separated districts, and it was again shown that lime-sulphur properly diluted is a more satisfactory fungicide for certain apple diseases than Bordeaux mixture. However, owing to the severe weather conditions of the season, the combination of lime-sulphur and arsenate of lead caused considerable burning of the fruit in a few orchards, but this trouble was not so serious as to discourage the practice.

The grape anthracnose is very destructive to both fruit and vine. Certain varieties in some localities are attacked by very virulent disease. The department has demonstrated the past season that this malady can be satisfactorily controlled by proper spraying of the vines while in a dormant condition. Further confirmation of previous results in the control of black-rot of the grape has also been obtained. Very promising results have been secured in controlling the anthracnose of the cranberry, which has been found to be a prevalent cause of loss in some cranberry districts. Considerable progress has also been made in the study and control of other small-fruits diseases.

Seed-Testing Laboratories.
On account of the provision for seed testing made by State laws in North Carolina and New Jersey, Pennsylvania, and Nebraska, some of these states have been discontinued, and two new laboratories are being opened in connection with the agricultural experiment stations in California and Louisiana, the laboratories in Missouri, Oregon, and Indiana being continued.

Hairy-vetch seed, which has this year for the first time been collected for examination for adulterants, was frequently found to contain seed of cultivated varieties of spring vetch, which is very likely the result of cross-fertilization. The field vetch, or hairy vetch, together, the former being used as an adulterant. The Vicia villosa seed originating in the Baltic Provinces occurs as a volunteer in winter rye and is separated as cleanings from the rye.

Congressional Seed Distribution.
Seeds and plants were distributed upon congressional order as in former years. Between six and seven hundred thousand of vegetables and flower seeds, put up in approximately 60,000-000 packets, were distributed the past season. Of this quantity about 10 per cent was flower seed and 50 per cent vegetable seed. Approximately one-third of the total quantity was procured from surplus stocks, and the remainder was grown by the station for the department during the current season.

In every case seed was secured on competitive bids, and no seed was accepted for distribution unless it was found after repeated tests to be of satisfactory purity and vitality. Every lot of seed is tested for germination two or more times before and after shipment, and a sample of each lot is grown on the trial grounds of the department under the direct supervision of expert horticulturists to determine its true to type and that a proper system of roasting out variations and mixtures is followed. This system has resulted in steady improvement in the quality of seeds distributed by the department, as shown by the results obtained on the trial grounds and by hundreds of
HORTICULTURE

December 9, 1911

reports from all sections of the country. The work of packeting, assembling and mailing the vegetable and flower seeds was done under contract at a rate of $2 per pound, which included delivery of the packeted seed in mail sacks directly to the Union Station. A new contract has been in force putting Co. in charge of and mailing the seeds for the coming distribution at a saving over the former contract of 1 cent per thousand packets.

Home Grown Dutch Bulbs.

The propagation of Dutch bulbs in the Puget Sound region in connection with local importations is progressing favorably. Trial sets of narcissus and tulip bulbs propagated near Bellingham, Wash., were planted at Washington, D. C., with sets of bulbs of the same varieties imported from Holland, and the Bellingham bulbs produced better blossoms 10 days earlier than the imported ones. The early blooming period of American-grown bulbs is of importance to all professional florists, because of the saving in time and fuel where bulbs are forced for market.

Need for Trained Plant Pathologists.

The growing need for trained plant pathologists to take up and superintend the work presented to this department for solution is extremely urgent. While the universities and colleges appear to be doing what they can, it happens once in a while that men fresh from college do not have the requisite outlook or the necessary training to obtain practical results in this field. Usually we have to give them several years of additional training in order to make them most serviceable to the advancement of agriculture in these lines. Every year requests come to us from the experiment stations and similar institutions in the United States to name persons well qualified for appointment to positions involving pathological research in these various institutions, and, unfortunately, in a very considerable number of cases we have been able to recommend, as we would be, to recommend persons, there are none in sight with the necessary training. This lack of a sufficient number of trained pathologists works to the serious disadvantage of agriculture in this country. The department would be glad to have in training an additional number of young men for such positions.

Work on the Gipsy Moth and the Brown-Tail Moth.

The general conditions in that portion of the country originally invaded by the gipsy moth, that is to say, eastern Massachusetts, have been better during the past year than for many previous years. This has been due in part to weather conditions, to the prevalence of the wilt disease, to the gradual increase of parasites imported from abroad, and as we would be to recommend persons, there are none in sight with the necessary training. This lack of a sufficient number of trained pathologists works to the serious disadvantage of agriculture in this country. The department would be glad to have in training an additional number of young men for such positions.

A SOIL TESTING OUTFIT PRO- NOUNCED WORTHLESS.

Editor HORTICULTURE:

The Woos Farm Laboratory of Fredericktown, Ohio, are putting out what they call the "Woos Soil Testing Outfit." They are widely advertising this outfit and offering it to individual farmers for $10. They also include in the outfit a copy of my book, "The Story of the Soil," supposedly as an added inducement. The book wish to say that I knew nothing of the Woos Farm Laboratories until we began to receive inquiries from their advertisements. They have ordered an outfit, including all instructions, and have thoroughly investigated the outfit and the methods by which the Woos Farm Laboratories claim any farmer can analyze his soil, the following quotation being a sample of their advertising:

"The Woos Soil Testing Outfit is a complete, practical farm equipment with which you can tell without delay what the plant food each one of your fields needs and what they already have. It tells you just what food elements are in your soil and how much is lacking." A thorough investigation of this outfit clearly reveals the fact that it is absolutely worthless. The so-called directions for testing soil not only give no value unless the farmer knows the cause of the excellent work done along this line by the Bureau of Entomology, in certain forests by the State of Massachusetts, in the different towns under municipal and state control. The conditions in New Hampshire, however, are much worse than in Massachusetts. Many towns in the southeastern part of the state are seriously infested, and the insect occurs in 125 towns in all. In several of the northern towns the pest has apparently been beaten, but there has been a further spread, and a new colony has been found in Rhode Island. The brown-tail moth has established itself in the northeastern part of the state. In some places the insect has been a serious pest, and a new colony has been found in Rhode Island. The brown-tail moth has established itself in the northeastern part of the state. In some places the insect has been a serious pest, and a new colony has been found in Rhode Island. The brown-tail moth has established itself in the northeastern part of the state. In some places the insect has been a serious pest, and a new colony has been found in Rhode Island. The brown-tail moth has established itself in the northeastern part of the state. In some places the insect has been a serious pest, and a new colony has been found in Rhode Island. The brown-tail moth has established itself in the northeastern part of the state. In some places the insect has been a serious pest, and a new colony has been found in Rhode Island. The brown-tail moth has established itself in the northeastern part of the state. In some places the insect has been a serious pest, and a new colony has been found in Rhode Island. The brown-tail moth has established itself in the northeastern part of the state. In some places the insect has been a serious pest, and a new colony has been found

M. A. C. DEMONSTRATION OR- CHARDS.

The returns for 1911 from the Demonstration Orchards established in the past year by the M. A. C. College are beginning to come in to Alvin J. Norman, who has the supervision of these Demonstration Orchards. He reports that they have very suggestive results of the work for such a dry season. The returns are very interesting in that they show the possibilities in the way of crops that may be grown in orchard-planted orchards in Massachusetts. The prevailing idea is that the man who plants an orchard is throwing up his fields. The man who has been growing the land, planting the trees and caring for the orchard was, of course, borne by Mr. Maynard. The trees used are the most highly cultivated varieties of the varieties Baldwin, McIntosh, Wealthy, Williams Early and Oldenburg. The entire expense to which Mr. Maynard was placed, for example, for four and one-half acres, planting the trees, caring for the trees, planting associated crops and caring for the same, including cost of seed, labor, and all other items being charged at prevailing prices, totaled $118.35. The returns from the associated crops were as follows: Red kidney beans, $15.72; turnips, $12, and the berries from a small patch of raspberries, which were already in one corner of the orchard, sold for $25.01; giving a total income of $206.83, which leaves a net profit of $85.48 or approximately $20 per acre, which is not a very small net return per acre for New England orchards, when the whole of the land is devoted to one crop.

The year has been a very hard one on the orchard and associated crops. Mr. Maynard was unable, during most of the season, to delay the planting of the associated crops, which caused them to be slightly injured by the early frost. The orchard is planted on rather light land and extreme drought, did not lead those in charge to expect much growth the first year. Mr. Norman stated that the trees were planted that he would be satisfied if half of the trees would live in case of a dry season. The dry season certainly came but only 10 per cent of the trees died through the season, while some of the trees sent out several strong branches, some of which measured 10 inches in length. The average diameter of the branches is nearly 25 inches. The average diameter of the trees is about five-eighths of an inch.

Next spring new trees will be planted for the dead ones and those which seem stunted. In another year the trees will be large enough to make the orchard a very pretty sight. The returns are expected to be very gratifying, as the trees are picked from the trees the fourth season. Mr. Maynard will be glad to show the orchard to any who wish to see how orchard-planted orchards can be made to do in that section.
DEVELOPING AND IMPROVING THE DALHIA

The following interesting letter from Alex MacLellan has been held back in our office until Mr. Betschier should have opportunity to further explain his views on the dahlia question as given in a previous issue of Horticulture. Mr. Betschier's latest communication is now appended. As both the gentlemen are influenced, as we believe, solely by a desire to promote the common good we are pleased to give space to their letters in full and our columns are open to any one who may have pertinent views on the question to which they would like to give publicity.

Editor HORTICULTURE:

Dear Sir—It was with considerable interest that I read your editorial on page 665, issue of Nov. 11, on the Dahlia, also the communication of your correspondent, C. Betschier, on page 665, and it is to the latter's insinuations that dealers are dishonest that I wish to take exception, for as a rule, it will be found that dealers are honest, if for no other reason that it does not pay to be otherwise. As an expert grower, why does not your correspondent give the name of the good-for-nothing dahlia of which he has 1,250 plants, so that the trade may be warned.

The dahlia is as we all know, true, to its name "Variable," and a variety which may do nothing one season may be excellent the next and vice versa. There are varieties, however, that can almost be depended on to give good results every season.

And in breeding and selecting from this most variable yet beautiful and useful family of plants, let us keep the words of your editorial before our eyes and "Develop it in the qualities of more upright growth and less rampant growth, (i.e. for garden ornamentation) earlier and more abundant blooming and more upright flowers on taller and stiffer stalks."

Some of these are the views of Yours truly,

ALEXANDER MACLELLAN.

Newport, R. I.

THE EARLY BULB FORGER.

To the Editor of HORTICULTURE:

Dear Sir—Please allow me a few lines in your paper to give an explanation to a barbarism at the growers of early paper white narcissus which appeared in your last issue. Each bulb is to offer such for sale this season. I have a house used for house plants in my cellar. It was emptied a little earlier than usual. This explains the indiscretion and the fault, and makes no excuses to face as well as the average moral.

Respectfully yours,

WILLIAM PATTERSON.

Wellbow, Mass., Nov. 29, 1911.

Glad, indeed, are we that Mr. Patterson's crop of white paper whites showed a profit. It was because of the repeated instances which came to our knowledge of loss to the grower which led us to discourage, as far as we could, the haste shown by so many forcers to rush their crop before the market was in a receptive mood. As in Mr. Patterson's case local conditions may warrant the risk taken but our opinion has not yet been altered and the average unprofitable outcome of spring bulb forcing in chrysanthemum time. Should like to hear from others who have tried it. It is an important subject.

NEW BOOK BY WILHELM MILLER.

In "What England Can Teach Us About Gardening," Dr. Miller has placed the American horticulturists under no small obligation. Dr. Miller spent some considerable time among the English gardens studying and forming his conclusions, which he has now given to the world, as truly, English gardens are the most beautiful in existence and what may be learned from them which is applicable to American conditions.

The author expresses his convictions without reserve—"from the shoulder." He has much to say and he says it so forcefully that its lines fairly team with suggestiveness and one might truly say that there is not a chapter or, indeed, scarcely a page in the book which does not offer food for thought and comment far exceeding the space at our disposal for the introduction to our readers of this volume of nearly 400 pages.

Among the truths and sentiments expounded are that every country should, in garden making, use chiefly its own native trees, shrubs, and vines and the best form of the English style of gardening grow naturally out of necessity, the soil and the new conditions. He adds "When we stop imitating and do this, America will soon find herself." Dr. Miller is a garden lover if there ever was one. We may not wholly agree with some of his methods and deductions in making comparisons between the gardens of American gardens and the best features of the English, and we may find ourselves questioning whether some of the English examples illustrated are really worthy of the praise bestowed, but there can be no question of the author's sincerity or of the splendid inspiration that will be drawn from this practical monument to his enthusiasm and indomitable industry. To help toward making America one great garden as England is, to teach by example, the noblest ideals that England furnishes with less noble ideals which now prevail in America; to show how we would make settlements of does make them on material on which we should never buy and on effects we can never imitate; to help lay the foundations of an American style of gardening, and to give the garden lover information more helpful than mere sentimentality and fine writing—these are among the avowed purposes of the author and we think his book more moves up well to its text. Truly a great work by a great man.

There are 112 photographic plates and eight plates in color. "What England Can Teach Us About Gardening" is published by Doubleday, Page & Co., Garden City, N. Y. The price is $4 net (postage 35 cents).
NEW YORK FLORISTS' CLUB.

The next regular meeting of the New York Florists' Club will be held on Monday, Dec. 11, at 7:30 P.M. Election of officers for 1912 will be the important business of the meeting. The following are in nomination: For President, L. S. Hallowell; for Vice-President, J. L. Rassbach, and for Secretary, F. P. Bolles and Harry Turton.

Consideration of the following important communication will be in order:

The subject is not only of great importance to the New York Florists' Club, but to every florists' club in the State.

ORGANIZATION OF NEW YORK'S FLOURCULTURAL INTERESTS.

New York stands first among all the states in the business of floriculture. The importance of its horticultural investments cannot be overestimated. Nevertheless, this, she has failed for the last four years to interest the exhibitors at Albany sufficiently to secure an appreciation of the state's purpose of promoting the floricultural industry.

The florists of Illinois, by united effort, have secured appropriations aggregating $80,000, which have been employed or are to be employed, entirely, equipped and used to assist investigations in behalf of commercial horticulture. These appropriations have been secured by concerted, well-organized effort.

The florists of New York the fruit interests are thoroughly organized and continue sound cent rifwi from the state's purpose of promoting the floricultural industry. The various farming industries are also recognized by legislative assistance, especially designed to promote their particular features. New York has a considerable number of live, handling florists' clubs. These are in the main doing splendid work in maintaining local interest and disseminating information regarding floricultural practice. There is, however, little or no co-operation between them.

Has the time arrived for a federation of interest to effect a co-operation of the organizations to take charge of questions of state-wide significance? Such a federation may best be achieved by the appointment of a committee of all the local clubs or societies.

Can the florists of the Empire State do more to bring before the public the desirability of expending greater effort in beautifying home grounds with flowers and plants?

Is there opportunity for cooperation with civic improvement organizations and the Better Gardening movement?

Are the florists of New York State interested in Florence, the next international flower show to be held in New York City for the Empire State?

Are the florists of the state interested in the establishment of a floricultural hall at the State Fair?

Are the florists of the Empire State ready and willing to make a united movement to secure an appropriation for the erection and equipment of a range of buildings at the State Agricultural College of Auburn, New York, to be devoted exclusively to the solving of problems of floriculture?

These are some of the problems which may be effectively assisted by a state organization.

Is this a subject in which your club is interested, and if so, might it not be well to use it as a text for a discussion at one of your early meetings, and thus effectively assist it.

The Department of Horticulture of the New York State Agricultural College stands ready to assist in every way in its power any movement of this kind.

 foresight, a meeting, at which your club should be represented by a duly elected or delegated, may be held at the New York State Agricultural College, with a fair agreed upon by a majority of the clubs of the state. This meeting could readily pass upon such questions, and effect an organization, and the florists of the Empire State, if they please, would be placed upon a solid foundation front all questions affecting interests in connection with the laws and regulations.

We shall be glad to cooperate with clubs or individuals interested in a movement of this kind. We look forward to hearing from you before very long.

Cours for the advancement of floriculture.

JOHN CRAIG.
Professor of Floriculture.

NEW YORK STATE HORTICULTURAL SOCIETY.

The 56th annual convention of the Illinois State Horticultural Society will be held in Champaign-Urbana, Illinois, December 11 to 16. There will be three sessions daily. The first two days the general plan for the morning and afternoon will include the business sessions of the society, as well as many addresses and papers by men prominent in horticulture in this and other States. Through the morning and afternoon of the convention, the various topics will be handled by men who are recognized as experts in their respective lines.

For further information address W. B. Lloyd, Secretary, Kinnmund, Illinois.

FLORISTS' CLUB OF PHILADELPHIA.

December 5th was a historical night. David Rust read a historical narrative of the foundation and subsequent career of this club (the first of its kind in America) and its story was listened to with enthusiasm and was worthy of old and new alike. The essayist treated his subject with fine judgment as to the essential points, and received an ovation at the close of his discourse. He has now a synopsis of this able essay in time for our next issue. Robert Craig followed with a witty and incisive speech in his own inimitable style which delighted the house audience immensely. He wound up by giving an earnest and serious word to the younger members to support our new president.

The Board of Directors has agreed to recommendation of the following policies for the onward march of the club so that the future may have equally glorious records of achievements and prove equally full of "ginger" to the record of what they have just been listening to of the past 27 years. Westcott made a feeling address on the same line. Adolph Farewell was the host of the occasion with his amusing "kicks," and kept the house laughing uproariously—mixed with some words of wisdom. Senator Hearcock and Professor Scott have made witty and interesting remarks.

A pink chrysanthemum was exhibited by Augustus Dietrich, Wissinoming—Auburn and meritorious sort. He wanted a name but none were ventured. A good report was had from the various new committees and they all seem to be well established and in working order. We look for efficient work from them from now on.

Among visitors from a distance were H. L. Holmes, Harrisburg, and Antony Lathem, Boston.

MARYLAND STATE HORTICULTURAL SOCIETY.

The big Maryland Week Exposition at the Farm and Home Exposition, under the auspices of this Society, is on this week. Tuesday was the opening night and under the efficient management of Prof. Symonds everything was in good order. The inspection of the public will be turned over to the inspection of the various agricultural and horticultural bodies are scheduled for every day of the week until Friday night, when the event closes with a visit of southern governors and a banquet for 550 guests at the Hotel Belvedere.

ILLINOIS STATE HORTICULTURAL SOCIETY.

The 56th annual convention of the Illinois State Horticultural Society will be held in Champaign-Urbana, Illinois, December 11 to 16. There will be three sessions daily. The first two days the general plan for the morning and afternoon will include the business sessions of the society, as well as many addresses and papers by men prominent in horticulture in this and other States. Through the morning and afternoon of the convention, the various topics will be handled by men who are recognized as experts in their respective lines.

For further information address W. B. Lloyd, Secretary, Kinnmund, Illinois.
SOCIETY OF AMERICAN FLORISTS

Department of Registration

Public notice is hereby given that F. H. DeWitt, of Wooster, Ohio, offers for registration the Geraniums described below. Any person objecting to the registration or to the use of the proposed names, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Descriptions.

GENERAL WAYNE.--Seedling of S. A. Nutt crossed with Jean Oberle; large, semi-double flowers borne in large clusters of carmine, foliage small; habit and foliage like Jean Oberle.

AVIATOR ROGERS.--Seedling of Mme. L. Bisquit; large clusters of semi-double flowers, color bright salmon; bushy habit.

DAYBREAK.--Seedling of L'Aube crossed with Jean Oberle; double flowers; still foliage; color darker pink than Oberle.

AVIATOR ATTWOOD.--Seedling of S. A. Nutt crossed with Jean Viand; semi-double flowers; large trusses; mediumized foliage; growth like Jean Viand.

Public notice is here-by given that The Conard & Jones Company, of West Grove, Pa., offer for registration the Cannas described below. Any person objecting to the registration or to the use of the proposed names, is requested to communicate with the secretary at once. Failing to receive objection to the registration the same will be made three weeks from this date.

Descriptions.

CONOWINGO.--The color of this flower is an intense fiery scarlet. Its foliage is an unusually beautiful plum color at the base, grading to rich olive green at the tip. The stately flowers are freely produced and stand well above the foliage, thus showing themselves off to good advantage. Height 4 to 5 feet.

SPLENDOR.--The most impressive quality in this Canna is the firm, well spread out clusters of flowers, which are an intense scarlet color and very large. It makes two or three bloom heads on each stalk, insuring flowers practically all the time, as new blooms are constantly appearing before the older flowers fade. "Splendor" is a fitting name to such a magnificent Canna. Green foliage. Height 4 to 5 feet.

WABASH.--The bronze-leaved "Rosse Gigantea." Flower is unusually large, petals broad and borne in great abundance. This variety has a magnificent foliage of deep purple brown, striped bronze green. Height 4 feet.

BEACON.—Because of its abundance of bloom this Canna is notably effective. The flowers are borne in great impressive heads of rich cardinal red. When seen in a row or bed the flowers show a mass of bloom of a purer color effect we think is unparalleled.

KATE F. DEEMER.—The grand flowers open a rich, orange yellow which gradually gives place to turksey red in the center and throat of the flower in striking contrast with the rest of the blossom which turns almost white. The rich yellow buds on re-
dish brown stems combine with the yellow and white flowers, surmounting rich green foliage, to make a flourish combination that always looks fresh and attractive. Height 3 to 4 feet.

H. H. DORNER, Secretary.

November 26, 1911.

GARDENERS' AND FLORISTS' CLUB OF BOSTON.

The Club will hold a field day at Framingham, Mass., on Saturday, December 16. Members and friends will please take special Boston and Worcester electrics at Park square, Boston, at 12 o’clock sharp. Ladies will be welcome on this outing. The establishments of Messrs. W. H. Nichelson, S. J. Goddard and J. T. Butterworth will be visited, and the field day should prove interesting for all who attend.

The next regular Club meeting will be held at Horticultural Hall, on the following Tuesday afternoon, December 19 at 8 o'clock. This being the annual meeting for the election of officers a large attendance is desired. There will be two short practical talks given while ballots are being counted, and some fine exhibits are promised.

W. N. CRAIG, Sec.

YONKERS HORTICULTURAL SOCIETY.

On Friday, Dec. 1st, a well attended meeting of this society was held and many interesting matters discussed.

The committee on spring show reported progress and the executive, on the financial result of the past fall show reported a deficit, which it was voted would be made good by a Carnation competition. Mr. Cochane was awarded first, for splendid blooms of Enchantress, White Enchantress and Dorothy Gobinet, hybrid species. Mr. Macdonald and Kinney were awarded cultural certificates; Messrs. Mooney, Nichols and Miller, acting as judges. Mr. Coots of Roches Co., closed the evening by exhibiting Begonia "La Patrie" and a certificate of merit was awarded, its handsome glossy foliage being much admired.

H. M. B.

NOTES.

The St. Louis Retail Florists’ Association will hold its regular monthly meeting next Monday night at 8 o’clock, in the Knights of Columbus Hall.

The West Virginia Horticultural Society, in session at Kersey, W. Va., elected the following officers for the ensuing year: President H. L. Smith, of Martinsburg; vice-president, A. D. Page, of Lost Creek; treasurer, H. H. Kinney, of Keyser, and secretary, A. L. Dacy, of Morgantown.

Denver, Colorado, is to have a flower show, November 15th to 16th, 1912, under the auspices of The Colorado Florists’ Club. The total prize fund of $5000 has already been subscribed by the florists alone. We are asked to give this early information so that all the growers of the state may know that the premium list will include a special open class for the largest chrysanthemum plant in the show, without restriction as to variety, and in this class the first prize will be $100, second $75 and third $50. These liberal premiums ought to bring out a lot of entries. J. A. Valentine is chairman of the committee.
FORCING POTGROWN LILACS, CRAB APPLES, HYDRANGEAS, ETC.

After arrival, pot your plans, water root balls if too dry, and store in a cool place until wanted. For earliest forcing expose pots for one week after frost as frosts, plant in cold storage room for about two weeks; then take into greenhouse, giving an even temperature of 55-55 degrees F. Keep a sufficient supply of water as needed, not too much. Cut syringing the wood three times daily, not more. When the buds commence to open, step the syringing down to water more freely and increase temperature to 60-65 degrees F. Keep the house atmosphere a moist one. Shortly before flowering keep the plants 5-10 degrees cooler, that flowers may open slower, and trusses grow larger. Just before flowering, keep the plants in a cool room or cellar for 36-48 hours, to hasten the flowers for better keeping. Do the same with the cut lilacs, placing stems in cold water. When forcing small quantities, cold water is needed that it is not necessary to keep separate from rest of house with canvas, and to shade with canvas. For later forcing give less heat, down to 60-65 degrees; the flowers will then need about 6-7 weeks to develop, they will turn out finer trusses.

For forcing grown in a sunny but airy cool house, Marie Legray is put at one corner, Charles X and the double flowering kinds should be shaded a little at the start; shading draws the trusses longer. Do not expose to full sunlight. To obtain showy-size trusses disbud to two flower buds to the branch. For early forcing cut back the leaf bud branches to one or two, as you cannot figure on foliage with any certainty.

With the long transit to the States, it will hardly do to risk earlier forcing than from January 15th forward, though when the wood is above, plants should flower within three weeks. Etherealizing plants for 12-24 hours, or giving the wood a 90-100 degrees hot water bath, is said to hasten the flowering.

Pot Grown Crab Apple (Malus Scheideckeri)—Treatment is similar to forcing lilacs, namely requiring less heat, 55-55 degrees F. The buds should come into flower in about three weeks. Harden the plant before exposing for sale by storing for about 36 hours in a cool cell of about 50 degrees Fahrenheit.

Pot grown Snowballs, Thorn, Prunus triloba, Wissaria, Citrus Laburnum, and other plants, which will grow large, can be treated in the same way; they will respond readily with flowering in the winter months, and prove a showy display to the window display, likewise for Easter sales.

Hortensia rosea (Hydrangea)—Improved French novelties, like "Avalanche" and "Reine" (white) and "La Lorraine" and "Mme. E. Mouillere" (pink), force much quicker than the old Otafku kinds. They are also more compact in growth, and promise to prove starters. Give to the young wood. The ordinary forcing process is well enough known; but to get extra early results, give the wood a hot water bath of 50-55 degrees F. for 12 to 18 hours, and then start forcing. Plants treated and started by the French grower on October 19 were ready for the market by the end of December.

The foregoing useful forcing notes are being sent to florists throughout the United States by August Kolker & Sons, New York.

CRAG SPECIALS FOR CHRISTMAS.

Antonio Leventry, the distinguished Boston horticulturist, landed in the City of Brotherly Love this morning, bringing with him a score of the firm of Craig Company in reviewing the splendid display of up-to-date stock which the Craig Company have on view this year. This company has a great reputation for good material, and has never been so far below par. The collection includes the favorite desert flowers, cannas, pelargoniums, and pot plants, as well as the old standbys—terminals and fragrants; and a grand display of well colored Pandalus Veltchii. Pions pansies, violas, and cyclamen are your favorite house flowers here, although it is now grown in quantity in every large horticultural center and therefor one might suppose the demand for it from its original start. Tending potted plants is a real art, and at Craig Company, there is a bewildering array of furs and for quantity and variety and finish one must be hard to please who could not get every want satisfied here. This collection includes the favorite geranium varieties, Amperpohli; the compact crested Schools; the dark upright growths of the various rooted Eleagnus tissima and Elegantissima compacta; the two Harris forms of Boston: and Ghatrasi. Nordmann firs, aruncarias, boxwood, rhododendrons, aucubas, etc., are seen in plentiful assortment and lend a fine Christmas touch to the general display. Bright colored foliage plant combinations in 8 and 13 cans will be in evidence at Crane, and will be sold in bunches. The collection of hardy dracaenas, crotons, pandanus, seycheranthus, ferns, etc., beautifully arranged, and very showy, run in price from $3.00 to $6.00 per bunch, and are ready and have been in constant demand among leaders, like Battles of Philadel- phia, Darvis of New York and others, that the first two hundred and fifty tubs made up were sold inside of ten days and have to be duplicated twice since.

G. C. WATSON.

COLLEGE POINT PLANTS.

We took our usual pre-Christmas trip through the plant houses of Anton Schultes at College Point, N. Y., a few days ago, and we found there but a small number of fuchsias, and a few good, but we think he has outclass himself this year, especially on cyclamen, cirens, oranges, and the other varieties. Among the pelargoniums, the cyclamen are remarkably fine for so early in the season and the cirens are up to the highest standard, while the fruited plants are well-nigh perfect. We think there is not one, in the show and they are selling rapidly. Azaleas are seen in the usual abundance, some new and very vivid shades and colors. The usual varieties are in evidence in the house. There is no end of poinsettias, dracaenas, palms and ferns and a whole forest of handsome boxwoods. A little later on there will be some elegant lilacs, judging from the stock of this specialty waiting to be started along.

A GARDENERS’ REUNION.

Sixteen years ago The New York Gardener’s Society was organized for the sake of cultivating a medium of closer acquaintance between private gardeners, to promote and further their interests and to advance Horticulture in general. It at once became a recognition of their culture and friendship. Every member, and they consisted of the principal gardeners and men allied with Horticulture with some of the prominent people of the New York City, went to work enthusiastically to promote a keen interest in gardening, a better appreciation of nature and beauty.

Their work resulted in the organizing of numerous local Horticultural Societies which on several occasions assisted the parent society in the giving of several historical excursions. Among those may be noted a grand three-day show in the Waldorf-Astoria, resulting in the giving to thousands of garden lovers of the free shows and distribution of flowers, plants and seeds to thousands of poor children at the New York City Mission, and at Buffalo, the grand show and exhibition in the rooms of The New York Press Club and many monthly exhibitions at the Central Opera House and Mott Memorial Hall. A National Society of Gardeners was organized and many things accomplished, which during several years added much to inspire interest in herculean work and garden art.

Through the wealth of leading members and through others having to submit to the ups and downs of a gardeners’ life, the original society was submerged into that of its children. For many years “the Old Guard” of all those struggles and successes, have expressed many wishes for a reunion of all the remaining members and their new brothers in the profession. To meet this long-hoped-for pleasure a committee was immediately organized through active arrangements, with the result that on Thursday, Dec. 21st, 1911, a prize bowling tournament will commence at 4 P. M. at the 31st Street Bowling Club, M., accompanied with an appropriate program of entertainment, when a great afternoon and night of jubilation, a renewal of old friendships and new visits were exchanged.

The splendid bowling alleys and banquet room comprising the entire fourth floor of Thunu, 1211 Broadway, where the 36th and 31st Sts., New York, have been secured for the event and we invite you to participate and make the occasion a memorable one. Tickets may be procured from a committee that will meet on Dec. 15th. Price $1.00 each. Application for same to be made by Dec. 15th.

SIGNED the committee:—J. J. Denman, Secy., 123 W. 28th St.; W. E. Marshall, Treas., 146 W. 23rd St.; Jos. A. Manda, Orange, N. J.

Tickets may also be procured from the following gentlemen, who have been appointed to act as committee as follows:—Alex. McKenzie, Glen Cove, L. I.; Peter Duff, Orange, N. J.; N. Butterbach, Oceana, N. J.; John Shore, Hawthorne, N. J.; John Bull, Glen Cove, L. I.; L. W. Scott, Elmsford, N. Y.; David Millin, Turf Park, N. Y.; J. J. McNicol, Cudarhurst, L. I.; F. W. Whitney, Fishkill-on-Hudson, N. Y.; W. C. Russell, Millbrook, N. Y.
ORDER AT ONCE FOR CHRISTMAS
IT IS IMPORTANT TO ORDER AT ONCE, WHILE OUR STOCK IS COMPLETE.

CRAIG SPECIALTIES

Are known all over the country and are in greater demand each year. Having increased our glass area over 50,000 square feet, we are in a position to meet our fast increasing business. Our stock for the Holidays is superior to any we have ever grown, notwithstanding the high standard we have maintained for years. You are cordially invited to call and inspect our stock, which includes the following, in the sizes herein listed.

25,000 Poinsettias—20,000 Begonia Gloire de Lorraine and Begonia Glory of Cincinnati

Pointsettias. We grow none of the pink variety, all our stock being of the selected, bright red sort; the plants are unusually large in all the sizes.

3-in. pots, heavy ............. $30 per 100
7-in. pots, 3 plants with ferns $15 per doz.
9-in. pans, 3 plants with ferns $21 per doz.

DOUBLE POINTSETTIA. This is a great improvement over the single variety, the plants being double and much larger.

3-in. pots, heavy ............. $30 per 100
7-in. pots, 3 plants with ferns, $15 each
9-in. pots, 3 plants with ferns, $21 each.

BEGONIA GLOIRE DE LORRAINE. The largest and finest stock of this beautiful Christmas plant in the country. The plants have been grown cool and are sure to give satisfaction.

3-in. pots, heavy ............. $30 per 100
7-in. pots, 3 plants with ferns, $15 each
9-in. pots, heavy ............. $30 per doz.

BEGONIA LONDSEY. We have a large stock of this light weight variety at the same prices as quoted above.

BEGONIA GLORY OF CINCINNATI.

5-in. pots ............. $1 per doz.
6-in. pots .............. $2.25 each
7-in. pots .............. $3.50 each
8-in. pots .............. $6.00 each

AZALEAS

5½-in. pots ........................ $11, $15 and $18 per doz.
6-in. pots ......................... $12, $15, $18 and $21 per doz.
11-in. pots ....................... $15, $18, $21 and $25 per doz.

abarred azaleas. Well berried and well colored.

7-in. pots ......................... $2, $2.50 and $3 each
8-in. pots ......................... $2.50, $3 and $3.50 each
9-in. pots ......................... $3, $3.50 and $4 each
10-in. pots ....................... $3.50, $4, $4.50 and $5 each
11-in. pots ....................... $4, $4.50, $5, $5.50 and $6 each.

DRAECAEA MASSANGEANA. The variety with the golden stripe down the center of the leaf. This handsome plant is the best of all Draecenas for the house. We have an exceptionally large stock, well colored, and of the very highest quality.

6-in. pots ............. $18 per doz.
7-in. pots .............. $30 per doz.
8-in. pots .................. $32 per doz.
9-in. pots .................. $35, $40 and $45 each
10-in. pots .................. $40, $45 and $50 each.

DRAECAEA FRAGRANS. (Ready Now)

6-in. pots ............. $6 and $.90 each
8-in. pots .............. $10 and $12 each.

DRAECAEA LORD WOLSELEY. One of the very best varieties for Christmas, being bright red in color.

1-in. pots .............. $90 per 100
3-in. pots .............. $120 per doz.

DRACAENA TERMINALS. Exceptionally well colored.

5-in. pots ...................................... $20 per 100
6-in. pots, extra strong .............. $30 per 100
6-in. pots, strong ...................... $40 per 100
4-in. pots, extra strong .............. $50 per 100
5-in. pots, extra strong .............. $60 per 100
6-in. pots, extra strong .............. $75 per 100

PANADAS SETIFLORI. Well colored.

3-in. pots ...................... $15 per doz.
4-in. pots ...................... $20 per doz.
5-in. pots ...................... $25 per doz.

PHOENIX ROSELLII. Prices as above.

6-in. pots ...................... $10 per doz.
8-in. pots ...................... $12 per doz.
10-in. pots ...................... $15 per doz.

ARACARIA EXCELSA.

5-in. pots, 4 and 5 tiers ........ $70 per 100
6-in. pots, 4 and 5 tiers ........ $70 per 100

FICUS PANDURATA.

6-in. pots, 2 feet tall .............. $2 each
6-in. pots, 2½ feet tall .............. $3 each
8-in. pots, 3 feet tall .............. $4 each
8-in. pots, 3½ feet tall .............. $5 each.

NEPHROLEPIS TUBEROIDES.

London Fern.

4-in. pots, very heavy for baskets .......... $25 per 100
4-in. pots ...................... $30 per 100
5-in. pots ...................... $40 per 100
6-in. pots ...................... $50 per 100
10-in. pots ...................... $15 and $18 per doz.

NEPHROLEPIS NORDMENSI.

Begonia, in baskets, $6.00.

N. W. M. HARRIS. A type of Boston fern more dwarf than Nicola, but with a very neat appearance of the fronds. An ideal variety in all sizes.

1-in. pots ...................... $8 per 100, $75 per 100
2-in. pots ...................... $10 per 100
3-in. pots ...................... $14 per 100
4-in. pots ...................... $20 per 100

NEPHROLEPIS GIATRASII (New). A sport of Nephrolepis Bullistriata. This variety is beautiful in a small plant and will prove a valuable addition as a small fern for pots, etc.

3-in. pots .............. $10 per 100
4-in. pots ...................... $12 per 100
5-in. pots ...................... $15 per doz.

ADAMANT HYBRID. The best variety for either pot plants or for cut fronds.

3-in. pots ...................... $10 per 100
4-in. pots ...................... $15 per 100
6-in. pots ........................ $20 per 100
8-in. pots ...................... $30 per 100
10-in. pots ...................... $40 per 100.

ASPARAGUS PLEUMOSUS NAKUS.

2½-in. pots ...................... $1 per 100, $35 per 100
1½-in. pots ...................... $1 per 100, $65 per 100

SPECIAL COMBINATIONS FOR CHRISTMAS.

The special combinations are made up with Crotons, Pachysandra Vietellii, Drahceanas, Ferns, etc., and make handsome plants.

11-in. tubs, $3.00, $3.50, $4.00, $5.00 and $6.00 each.

TERMS: To customers who have not established a credit, would suggest sending Certified Check. P. O. Certificates Express Money Order.

ROBERT CRAIG COMPANY, 49th & Market Sts., PHILA., PA.
2 BRANCH, NORWICH, PA.
A JOY FOR EACH IN CHRISTMAS ATTIRE

HOLIDAY! HOLIDAY! HOLIDAY!

Everything looks like a holiday in Godfrey Aschmann's greenhouses

Latanica Horbominae, choice, fine palm, 7-inch pots, 8 leaves, 20-inches bluish, 75c. to $1.00. Combination Latania made up, 6-inch pots, 25 inches bluish, 50c.

Chinese Primroses, 4-inches, $1.00; 5½-inches, $2.25 per dozen.

Cacti: Weideltiana, 3-inch pots, 15c., 18c., 20c., 4-inch, 25c.

Areca Lucescens, 4-inch, 15-20 inches bluish, 15c., 20c., 25c.; 5½-inch, 35c.

Asparagus plumosus normalis, 2½-inch, $3.00 per 100; 3-inch, $5.00 per 100; 4-inch, large, bushy, only $10.00 per 100.

Asparagus Sprengeri, large, 4-inch, 10c.

Begonia Gloire de Lorraine, in bloom, 5½-inch, 6-inch pots, 35c., 40c., 50c., 65c., 75c., $1.00; 3-inch, 12c., 15c.

Begonia Glory of Cincinnati, 5½-inch, 6-inch pots, 60c., 75c., $1.00; 4-inch pots, 35c., 40c.

Our well known improved Begonia Erford is in everybody's memory who ever bought it before. A beautiful Christmas bloomer, full flowers, now in high colors of pink variegated, red and bright red. Large 4-inch, 25c.; 5½-inch, 25c., 30c., 35c.

Amaryllis in bloom and bud for Xmas. Large plants of Deutche Perle, pure double white, 6½-inch pots, $1.25, $1.50, $2.00.

Veravaenona, $1.00, $1.25, $1.50, $2.00.

Sinam Mariner, 75c., $1.00, $1.25, $1.50, $2.00.

Mme. Petrixx, pkd. 75c., $1.00, $1.25, $1.50.

CASH WITH ORDER, PLEASE. ALL PLANTS MUST TRAVEL AT PURCHASER'S RISK ONLY. PLEASE MENTION IF IN OR OUT OF POTS.

GODFREY ASCHMANN

Wholesale Grocer and Importer of Potted Plants

1012 W. Ontario St., PHILADELPHIA, PA.

The prices quoted on these pages are wholesale and positively for the trade only. Parties buying not to sell again are not entitled to them.
Holiday Plants for the Florist

Our stock has never been so extensive in quantity and perfect in quality as what we have to offer to the trade this season. It is cool grown and well hardened off. You can stock up now on this superb material at prices no higher than you would be called upon to pay for plants less carefully grown and inferior generally.

LORRAINE BEGONIAS
These are among our leaders. We can supply in a wide assortment of sizes all the way from $6.00 a dozen to $30.00 a dozen. These are splendidly flowered and exceptional value. Carefully packed by experienced shippers they will travel long distances in good order.

ARDISIAS
The finest ever offered. Full berried and well colored. Ardisias are the ideal Christmas plant and their sale is increasing enormously every year. We can supply you at $3.00 and $6.00 per dozen and up. Order early and secure what you want before the stock is depleted.

DRACÆNA TERMINALIS
Bright colored and perfect in foliage. Have no equals for holiday basket and jardiniere filling. $6.00 and $9.00 a dozen and upwards.

Poinsettias, all sizes of pots and pans, Cyclamens, Camellias, Azaleas, Oranges, Crotons, Pandanus, Araucarias, Kentias, Cocos Weddeliana, Phoenix Roebelini, Ficus. Ferns in large variety, Specimens and Small Stock for Dishes. All these and lots more which you are invited to come and inspect. If you can't come, send for complete illustrated catalogue and price list.

ORCHIDS
All the leading popular varieties in moderate priced, established plants, and all worthy novelties. Our range of Orchid houses is the largest on the American continent. Write for Orchid catalogue. It's a beauty.

Ornamental Conifers, Boxwoods and Bays. Largest stock in the country of Standard and Pyramidal Bays.

JULIUS ROEHRHS CO.
RUTHERFORD, N. J.
We Have A Fine Stock Of

... FERNS FOR DISHES...

BOSTON FERNS.

<table>
<thead>
<tr>
<th>Style</th>
<th>Pots</th>
<th>Each</th>
<th>Doz.</th>
<th>100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 in.</td>
<td>$1.75</td>
<td>$14.00</td>
<td>$25.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 in.</td>
<td>$1.25</td>
<td>$11.00</td>
<td>$20.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 in.</td>
<td>$1.00</td>
<td>$10.00</td>
<td>$18.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 in.</td>
<td>$0.75</td>
<td>$8.00</td>
<td>$15.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 in.</td>
<td>$0.50</td>
<td>$6.00</td>
<td>$12.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Fern Baskets—4 Assorted Ferns for dish, 2 in. 3.00 25.00
Chitkins, 7 in. $2.50 each.

PALMS.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height</th>
<th>Pots</th>
<th>Each</th>
<th>Doz.</th>
<th>100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocos nucifera</td>
<td>25 ft.</td>
<td>2 in.</td>
<td>$1.25</td>
<td>$11.00</td>
<td>$20.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 in.</td>
<td>$1.00</td>
<td>$10.00</td>
<td>$18.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 in.</td>
<td>$0.75</td>
<td>$8.00</td>
<td>$15.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 in.</td>
<td>$0.50</td>
<td>$6.00</td>
<td>$12.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Kentia belmoreana—Height 10 ft.

<table>
<thead>
<tr>
<th>Pots</th>
<th>Bottle</th>
<th>Each</th>
<th>Doz.</th>
<th>100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 in.</td>
<td>$1.25</td>
<td>$11.00</td>
<td>$20.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 in.</td>
<td>$1.00</td>
<td>$10.00</td>
<td>$18.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 in.</td>
<td>$0.75</td>
<td>$8.00</td>
<td>$15.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 in.</td>
<td>$0.50</td>
<td>$6.00</td>
<td>$12.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Made-to-Order Kestias.

<table>
<thead>
<tr>
<th>Style</th>
<th>Pots</th>
<th>Height</th>
<th>Each</th>
<th>Doz.</th>
<th>100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 in.</td>
<td>$0.75</td>
<td>15 in.</td>
<td>$1.25</td>
<td>$11.00</td>
<td>$20.00</td>
<td></td>
</tr>
<tr>
<td>3 in.</td>
<td></td>
<td>20 in.</td>
<td>$1.00</td>
<td>$10.00</td>
<td>$18.00</td>
<td></td>
</tr>
<tr>
<td>4 in.</td>
<td></td>
<td>25 in.</td>
<td>$0.75</td>
<td>$8.00</td>
<td>$15.00</td>
<td></td>
</tr>
<tr>
<td>8 in.</td>
<td></td>
<td>30 in.</td>
<td>$0.50</td>
<td>$6.00</td>
<td>$12.00</td>
<td></td>
</tr>
</tbody>
</table>

We Are BOOKING ORDERS NOW FOR CHRISTMAS DELIVERY!

Following is a partial list of first-class blooming and foliage plants, which we offer as usual, at very reasonable prices.

**ARALISAS**—5, 7 1/2 in. and 6 in. pots, $1.00 to $2.50 each.

**AZALEAS, RUSH**—Firely, 4, 6 1/2, 5, 5 1/2, 6, 6 1/2, 7, 7 in. pots, 35c to $2.00 each. Mme. Patrice, 1 1/2 in. pots, 50c to $2.50 each. Mass., 1 in. pot, 75c to $3.00 each. Mass., 1 in. pot, $1.00 to $3.00 each. Verdoniana, 5 1/2 to 6 in. pots, 75c to $1.50 each; 7 to 9 in., $2.00 to $5.00 each. Marder, 5 1/2 to 8 in., from 50c up to $4.00 each; 9 in., 1.00 each.

**PYRAMIDS**—Marder and Verdoniana in 7 to 9 in. pans, $1.00 to $4.00 each. Millet, Jone Gunnel, Verdoniana Alba and Deutsche Perle, $3.00 and $6.00 each.

**FANS**—5 1/2 and 6 in. each.

**LORRAINE BEGONIAS**—8 in., $1.50 to $2.50 each.

**CAMELLIAS**—6 to 7 in. pots, $1.50 to $3.00 each.

**CYCLAMEN**—Finest ever offered, $8.00 doz. to $5.00 each.

**ERICA MALANCHERI**—All sizes from 6 in. to 2 in. pots, $2.00 to $6.00 each.

**TERRA-COTTA**—Well-rooted in 8 in. half-pots, $1.50 to $4.00 each.

**JERUSALEM CHERRIES**—Very heavily fruited, extra fine, $6.00 to $12.00 doz.

**JERAENA TERMINALIS**—$6.00 to $15.00 doz.; Fragrans, $8.00 to $12.00 doz.

**POTENTILLA**—3 in. at $2.00 doz. up to 6 in. at $3.00 each.

**PANDANUS VEITHI**—$4.00 to $12.00 doz.

**PHOENIX ROBUSTA**—8 in., $2.00 and $3.00 doz.; 7 in. pots, $1.50 to $2.00 each.

**ARMCERIA EXCELSA**—50c to $2.50 each; Glauca, $2.00 to $5.00; Robusta, $1.50 to $3.00.

**FICUS ELASTICA**—6 in. pots, $9.00 a doz.

**KENTIA** AND **FORSTERIANA**—Single plants, $1.50 to $10.00 each; combination, $3.00 to $14.00 each.

**FERNS**—Boston, 6 1/2 in. in 6 pots, 50c, to $3.00 each; Scotti, 5 in. in 12 in., $1.00 to $2.50 each; Schizopteris, 3 in. tubs, $2.50 and $5.00 each.

ANTON SCHULTHEIS, College Point, N.Y.
Xmas—Plants—Xmas

Ardisias  Lorraine Begonias
Oranges   Araucarias
Crotons   Scottii Ferns
Cyclamen  Boston Ferns
Erica Melanthera  Cibotium Ferns
Azaleas    Holly Ferns

Cypripediums

Thomas Roland, Nahant, Mass.

FRANK OECHSLIN
wishes you a
MERRY CHRISTMAS

and extends a
CORDIAL INVITATION
to you to visit his houses at any time.

ENTIRE RANGE DEVOTED TO POT PLANTS
(and within a few minutes ride of the down town district.)

4911 W. Quincy Street  CHICAGO, ILL.

ORCHIDS
Largest Importers, Exporters, Growers
and Hybridists in the World
SANDER, St. Alban’s, England
and 258 Broadway, Room 721
NEW YORK CITY

CYPRIPEDIUM CAUDATUM
We have received a small importation of
this almost extinct orchid and can offer
a limited number of same at moderate
prices. Write for particulars.

LAGER & HURRELL, SUMMIT, N. J.
HEADQUARTERS FOR CHRISTMAS GREENS

Special Selected Grades for Florists.

**HOLLY — MISTLETOE — Lycopodium**

WREATHS — Laurel, holly and lycopodium.
ROPING — Laurel and lycopodium.
MOSS — Green hump and sheet.

And all other specialties for the Holidays.

**HENRY F. MICHELL CO.**

**518 MARKET STREET, PHILA., PA.**

---

**PLANT GROWERS**

Send A List of What You Have to Sell in Holiday Stock

I have a market for all pot plants you can supply in good quality and reasonable price if you LET ME KNOW EARLY.

**C. C. TREPEL,**

**LOESER'S, Brooklyn, N. Y.**

**BLOOMINGDALE BROS., New York City**

**GIMBEL'S, New York City**

Largest Retail Plant Dealer in the United States

---

**PATENTS GRANTED.**

1,007,682. Agricultural Spray and Process of Making Same. Carleton Ellis, Montclair, N. J., assignor to Ellis-Foster Company, a corporation of New Jersey.


1,007,762. Hand-Transplanter. James W. Thompson, Hartington, Texas.


1,010,061. Weeder. Frederick B. Sprague, Smyrna, N. Y.

1,010,238. Motor Driven Agricultural Apparatus. Albert E. Cook and Samuel E. Lautz, Odell, Iowa, assignors to The International Motor Plow Company, Chicago, Ill.

1,010,257. Seed-Planter. William O. Hedin, Sardis, Miss.

---

**GREENHOUSES BUILDING OR CONTEMPLATED.**

Olean, N. Y.—William Ronolder, one house.

Downieville, Pa.—Einhouse Farm, one house.

Lansing, Mich.—William Krieger, house 30 x 100.

Calla, Ohio—W. P. Mellot, cucumber house 35 x 110.

Los Angeles, Cal.—Speakman Bros., one rose house.

Worcester, Mass.—John Coulson, May street, one house.

Muscatine, Iowa—Charles Rider, Burlington road, one house.

Hartford, Conn.—F. C. Welch, 185 Westland street, one house.

Grand Rapids, Mich.—Thomas Newhof, Dunham street, one house.

New Albany, Ind.—Anders Rasmussen, 1108 Vincennes street, one house.

Spencer, Mass.—Charles H. Green, Park street, carnation house 50 x 100.

Fitchburg, Mass.—George Leland, Rindge road, range of carnation houses.

Benton Harbor, Mich.—The Central Seed & Bulb Co., propagating house 15 x 22.

Longmeadow, R. I.—Wm. C. Pratt & Son, Maplehurst Greenhouses, house 28 x 123.

---

**WANTED FOR CHRISTMAS**

Dec. 22nd to 25th

25 Marechall Niel Rose Buds

**H. R. COMLEY**

6 Park St., Boston

---

**Box Trees and other EVERGREENS for Tubs and Baskets**

Our Prices are Always Right—Catalog Free

**THE NEW ENGLAND NURSERIES, Inc.**

**BEDFORD, MASS.**

---

**DIRECT IMPORTATIONS**

Bay Trees, Kentias, Azaleas, Valley Pips, Roses, Rhododendrons, Boxwood, Magnolias, Evergreens, Jap. Lilies, Raffles, etc., etc.

Nursery stock from France, Holland, England and Japan.

McHutchison & Co. 17 Murray St.

New York, N. Y.
A WORD TO THE
Retail Florist Trade of America

In the following pages you will see the Holiday Offerings of the Leading Wholesale Dealers in Cut Flowers. These firms are in business to supply you. They look for no other outlet. They are worthy of the support which they ask for in these announcements. The stock they offer is the best ever placed before the holiday buyers. You will need it all. Read what they have to say, and then get busy with them as to prices and quantity.

It is Early
But Not a Day Too Early
To Place Your Orders
1800 years ago there lived a great philosopher, Marcus Aurelius Antoninus. Whatever is in any way beautiful hath its source of beauty in itself and which is best in the universe. Now, if this wise ancient were living today to change a word of the lines I have quoted, would he? When he talked about Cattleya, the peerless Phalaenopsis or the glorious Oncidium? And it is the over all that he "prizes that which is best."

It Is Now Many Years Since I Began to Urge

this fact on the florists of America and you see I am still "keeping everlastingly at it." Directly or indirectly the precedence and prosperity of many of the most noted florists in the country are due to the handling of McManus' Orchids. You can't put the fact too strongly, that the florist who gives Orchids and Gardenias a secondary place today, will never, never "get there." Distance need be no bar to the shipment of these fine goods. I have shipped them successfully across the Continent.

Telephone
759 Madison Square

JAMES M.
CATTLEYA HEADQUA
Best In The Universe

In his sayings we find this: "Doth perfect beauty stand in need of praise complete in itself; praise forms no part of it." Again, he says: "Prize that ad something to say about the flower business at its best he wouldn't have perfect beauty, isn't it easy to imagine that he had in mind the regal: every time of the florist who outdistances all his rivals and holds his lead

My Daily Receipts of Choice Orchids are the Largest received by any house in the country. And they all find a good sale—North, South, East, West. Are YOU on our shipping list? If not, write and let us see what we can do for you. It will pay you and it will pay me. At the Holiday season the list of fancy stock offered includes Cattleyas, Brasso-Cattleyas, Oncidiums, Phalaenopses, Laelias, Cypripediums, Vandas, Calanthes, Odontoglossums, Dendrobium formosum, Zygopetalums and many other orchids not obtainable elsewhere, Gardenias, Lily of the Valley, Roses, Carnations, Yellow and White Daisies, Sweet Peas, Asparagus, Farleyense Ferns, etc.

55 W. 28th Street
SOME VALUABLE  
NEW ROSES  
For 1912

Flower lovers all over the country are tired of having to buy just two or three kinds of roses and are wanting and demanding something different, even if they do have to pay more for them.

The rose growers who realize this and are awake to the fact that novelties are going to be very much more in demand all the time are making no mistake in going into the newer meritorious introductions.

We have never had a larger or better variety to offer than our list for 1912.

DOUBLE WHITE KILLARNEY  
The Budlong Strain—1912

With its stronger, more vigorous growth, larger and heavier flowers, double the petalage and purer white, is a tremendous improvement over White Killarney, and is sure to be a money-maker not only for winter forcing but for summer growing. We recommend it as being the very best commercial white rose today. As a summer rose, it is such an improvement over Kaiserin that some of the larger growers are going to discard Kaiserin for Double White Killarney.

KILLARNEY QUEEN  
The Budlong Strain—1912

Is about three shades darker than Pink Killarney, and during dark and cloudy weather the color does not fade, but remains a bright, deep, rich pink. It is of very much more vigorous growth than Killarney, even a stronger grower than Double White Killarney. Flowers are about twice as large as Pink Killarney, about the same petalage and borne on tremendously heavy, long stems, larger and heavier foliage. Many consider this rose in the American Beauty class, its habit, growth and size are so vigorous and far ahead of Pink Killarney.

DOUBLE WHITE KILLARNEY and KILLARNEY QUEEN

Grafted ......... $30.00 per 100; $70.00 per 250; $250.00 per 1,000; $600.00 per 2,500; $1,100.00 per 5,000  
Own Root ......... 25.00 per 100; 60.00 per 250; 200.00 per 1,000.  
Deliveries during March.

SUNBURST

Further introduction, of golden orange, shading into golden yellow, extremely brilliant in effect, a long pointed bud of good size, the largest of the yellow; borne on long stiff stems. March deliveries.

Grafted ............. $35.00 per 100; $300.00 per 1,000  
Own Root ........... 30.00 per 100; 250.00 per 1,000

DOUBLE PINK KILLARNEY (Scott):

Grafted ............. $20.00 per 100; $150.00 per 1,000  
Own Root ........... 12.00 per 100; $100.00 per 1,000

MRS. AARON WARD

Grafted ............. $20.00 per 100; $150.00 per 1,000  
Own Root ........... 10.00 per 100; 90.00 per 1,000

MELODY

Own root stock. $12.00 per 100; $100.00 per 1,000

LADY HILLINGDON

Grafted ............. $25.00 per 100; $200.00 per 1,000  
Own Root ........... 20.00 per 100; 150.00 per 1,000

MRS. TAFT (Prince de Bulgarie or Antoine Rivoire)

Grafted ............. $15.00 per 100; $120.00 per 1,000  
Own Root ........... 7.50 per 100; 60.00 per 1,000

RIBBONS and SUPPLIES

Many new patterns in exclusive Christmas ribbons. Write us for prices on these and on supplies.

S. S. PENNOCK-MEEHAN CO.

NEW YORK  
109 W. 28th Street

PHILADELPHIA  
1608-1620 Ludlow street

WASHINGTON  
1212 New York Ave.
CHRISTMAS SPECIALTIES
All Guaranteed for Quality as in Past Seasons

CUT FLOWER DEPARTMENT
Lowest Boston market rates will prevail for the Holidays as is our unvarying custom. We can supply first-class fresh stock that will give satisfaction, carefully packed and shipped according to time and manner directed.

Our Roses
Are the best grown for Boston trade
We have in quantity the following recently introduced varieties:
CARDINAL, MRS. AARON WARD, DARK PINK KILLARNEY, TAFT
Also My Maryland, Richmond, Killarney White and Pink, Perle, etc.
Lily of the Valley, Lilies, Violets, Carnations, Poinsettias, etc., etc.
in quantity as needed.

GREENS AND SUPPLY DEPARTMENT

HOLLY—$5.00 per case; $9.00 for two cases; five or more cases at $4.00 per case. Holly Wreaths $12.00 per 100.
BOXWOOD—Cases, full 50 lbs., 15c. per lb. Case weight not included. We do not charge you for lumber. Hedge Boxwood, fine glossy green, very little wood, 18c. per lb.
MISTLETOE—Fine berries, $1.50 per package of 4 lbs.
LAUREL WREATHS—16 in., $20.00 per 100. Laurel Roping—6c. per yard.
GALAX—$1.00 per 1000; case of 10,000, $7.50.
HARDY FERNS—Top quality, $1.25 per 1000.
PRINCESS PINE WREATHS—12 to 14 in., $2.00 per doz.
CHRISTMAS RED BERRIES—large bunches, 25c. per bunch.
VELVET POINSETTIAS—with leaves and long stems, per doz., $2.00.

A full line of all Supplies, Vases, Fern Boxes, Baskets, Foil, Wire, Immortelles, etc., etc., too numerous to mention. Send for quotations on anything you need for the holidays or any other time.

N. F. MCCARTHY & Co.
WHOLESALE FLORISTS
TEL. MAIN 5973 and 5974 84 Hawley St., Boston
EVERYTHING
You Need for the Holiday Trade

Cut Flowers

We have the best equipped wholesale flower shipping establishment in the world. The New England, New York and Canadian trade supplied with the very best stock grown for the discriminating Boston demand. All choice grades of Beauty, Killarney, White Killarney, Maryland, Bride, Bridesmaid, Richmond, Radiance, and the great yellow novelties Lady Hillingdon, Mrs. Aaron Ward and Mrs. Wardell.

Carnations — All leading varieties, Whites, Pinks and Xmas Reds. Lily of the Valley, Violets, Paper Whites, Lilies, Cattleyas, Poinsettias and late Chrysanthemums.

Experienced Packers and Prompt Deliveries are our Strong Points.

Holiday Greens

This year our supply of case Holly, Mistletoe, Boxwood, Southern Smilax, Ferns, Moss, Leucotohe and Galax will be the largest we have ever offered. Send your Holly order now. Quality A1.

Our Supply Department

has recently been renovated throughout and enlarged. We carry everything in the line of wire work, baskets, fern dishes, jardinieres, vases, immortelles, folding boxes, ribbons and chiffons, waxed paper, waterproof crepe paper, tin foil, letters and inscriptions, cycas leaves, preserved foliage, sheaves,—in fact everything that any first class house carries. Prices as low as the lowest.

You save expense and trouble by having your supply order, greens and cut flowers all sent in one shipment from one place.

Make your wants known. Send for price list.

WELCH BROS.

226 Devonshire Street, Boston

'Phones: Main 6267, 6268, 5419
P. J. SMITH
(SUCCESSOR TO JOHN I. RAYNOR)

Oldest Wholesale Flower Commission
House in New York

All the popular Roses and Carnations, including Standard Varieties and Novelties. Headquarters for Lilies, by 1,000 or 10,000. Lily of the Valley, Cattleyas, Violets, Gardenias, Adiantum Croweanum, original stock. The usual line of Holiday Specialties.

ORDER NOW AND YOU WILL BE WELL TAKEN CARE OF

49 West 28th St., New York
TELEPHONE 1998 MADISON SQ.

ORDER EARLY

My growers are prepared to furnish American Beauty, Maryland, Killarney and Hilda Roses in choice quality for Holiday sales. Other specialties are Carnations and Violets. Also anything else you may want in seasonable flowers. Prices right.

M. C. FORD
121 West 28th Street
NEW YORK

EDWARD C. HORAN
WHOLESALE FLORIST
55 WEST 28th ST., NEW YORK

Holiday Price List Now Ready
Tel. 1462-1463 Madison Sq.
William Stuart Allen Co.
Commission Merchants in Cut Flowers
53 West 28th St., New York City
Correspondence Solicited

PHILIP F. KESSLER
SMILAX AND ASPARAGUS
Largest Supply Controlled by any Wholesale House.
Quality Unexcelled.
Lilies, Sweet Peas, Freesias
Any Quantity, Market Rates.
55 and 57 West 26th St., - - NEW YORK
COOGAN BUILDING. Phone 5243 Madison Square.

CHARLES MILLANG
Street Floor, Coogan Building
55 and 57 West 26th Street, NEW YORK
Centrally Located. The Hub of the
Great Wholesale Cut Flower District
ALL FLOWERS. ANY QUANTITY. BOTTOM PRICES
SPECIAL FOR HOLIDAYS

LILAC
MIGNONETTE, VIOLETS, SWEET PEAS

Regular supplies of Roses, Carnations, etc., highest quality

WM. P. FORD
45 W. 28th Street - NEW YORK

No Guess Work In Our Methods

All goods are placed on show at the same time. Having ample space we are enabled to do this to great advantage.

No Guess Work In Our Methods

WRITE US TODAY

Commission charges and other valuable information for the asking.

CHECKS WEEKLY

H. E. FROMENT
WHOLESALE FLORIST
57 West 28th St., New York
Telephone 2200, 2201 Madison Sq.
FLOWER GROWERS EVERYWHERE

Your attention is called to the newest and best equipped wholesale establishment in New York. With 20 years' experience in the Cut Flower Commission Trade and access to the best buying trade in the country, I have fitted this place up with unexcelled facilities for receiving, storing and disposing of your products. With this largely increased equipment, I have room for and can handle to advantage a much heavier supply than I have hitherto been receiving. Call and inspect, or write and make appointment to consider my proposition to handle your product for the coming season. Best market values for good stock and prompt remittances assured.

ALFRED H. LANGJAHR
130 West 28th Street, NEW YORK
Telephone 4626-4627 Madison Sq.

Chicago Flower Growers' Association Dissolved!

So it was falsely reported by the Chicago papers. But we are in the business to stay and no dissolution thought of.

This Association has become a factor both in the Chicago market and in the shipping business. We are forging ahead by strides and bounds. We organized on a bed rock basis, for our stock is grown by our own stockholders which insures permanency.

Get Your Christmas Orders in Early

FANCY STEVIA. $1.50 to $2.00 per 100.
PAPER WHITES, $3 and $4 per 100.
VIOLETS, California and Princess (single) and doubles, 60c. and 75c. per 100 now; Christmas week, $1 and $2.50 per 100.
EASTER LILIES now $8, $10 and $12 per 100; Christmas week, $15 and $15.
LILY OF THE VALLEY, $2, $3, and $4 per 100; Christmas week, extra fancy, $5.00.
Poinsettias (cut) price according to size of bloom, $2, $3, $4 and $5 per doz.
CHRISTMAS RED BERRIES, very choice, small box, $2, large box, $3.

ASPARAGUS PLUMOSUS and STRENGERI, per bunch, 50c., 75c., and 90c.
SMILAX, extra heavy and long, $20 per 100; $2.50 per 100. Medium, $2 per doz.
ADIANTEM, $1 and $1.25 per 100.
MEXICAN IVY, $4 per 100.
MAHONIA SPRAYS, similar to Leucothoe and much better, $1.00 per 100.
ROSES, a fine lot of all kinds; Fancy, $10; Medium, $5; Short, $3 and $4 per 100 now; Christmas week, Fancy, $50 and $55; Medium, $15 and $18; Short, $10 and $12.
CARNATIONS now $3 to $5 per 100; Christmas week, $5 to $8. Extra fancy, red, $10 per 100.
POEHLMANN BROS. COMPANY
33-35-37 Randolph Street, CHICAGO

When in doubt where to buy your Christmas Flowers TURN TO POEHLMANN'S

We undoubtedly have the best the market affords. Prices according to quality. Specialties,—Beauties, Teas, Carnations, Valley, Lilies and Orchids. Like all others we are not infallible but as a rule we have what you ask for.

Backed up by the growing stock in our greenhouses we are in a strong position to provide for your wants.

Weekly price lists of cut flowers will be mailed to those desiring same. Have your name added to our mailing list.

Watch for our Advertisements! Sometimes we have specials which are good value.

POEHLMANN BROS. CO.

CHICAGO NOTES.

Outlook for Christmas Stock.

Unusual conditions have marked the year just closing and the weather reports have several times broken all previous records. Notwithstanding this, houses are filled with as fine a grade of flowers as the closing month of the year is wont to find. Much building has been done since the last holiday season, the low price of glass and the ever hopeful disposition of the florist being an irresistible combination. Much of the usual speculation on the Christmas stock centers on the American Beauty now, which has been decidedly off crop with most of the largest growers for a few weeks. Red carnations are expected to come to the front and produce all that are needed no matter how largely the plants are outnumbered by the white varieties for the public demands red. Richmond roses seem likely to fulfill all reasonable demands if the weather is bright. As usual the only bulbous stock to be depended upon in quantity is paper whites and Roman hyacinths. Chrysanthemums are not expected to hold out much longer and few will be left for the holidays. As ever the plant men will have a large share of the Christmas dollars turned their way.

The Geo. Wittbold Co.

A visit to The Geo. Wittbold Co.'s Edgebrook plant was made last week and everything found in fine condition. In addition to their extensive nursery business this firm specializes in plants for florists' use as well as cut flowers for their two retail stores and the market. Some of their most attractive offerings for the holidays are ferns for dishes, Dracaena fragrans, Massangeana and terminalis, chihubotum and a full line of pinks and other decorative stock. Azaleas are selling rapidly. There are poinsettias fully eight feet tall, crowned with immense brilliant bracts, and the Christmas bulb stock will include some choice red tulips.

Pochmann Bros. Co.

The Pochmann Bros. Co., have now six orchid houses filled with plants. American Beauty houses are apparently going to be just in their prime for a big Christmas cut. 60,000 carnation plants are grown in excess of last year's stock and foreman Guy W. French counts Scarlet Glow as his most profitable red, a bunch of which has bloomed continuously for two years. Mr. French says he does not feed his carnations till the days begin to lengthen and always picks close, with wide-awake stock as a result. Pochmann Bros. Co. added thirteen 250 ft. houses this year and their carnation range is the largest in the world.

Chicago Carnation Company.

The Chicago Carnation Co. always welcomes visitors to Jollet, and a ticket is provided for anyone wishing to take the trip from Chicago. Twenty-one varieties of carnations are being grown for cut flowers this year. During its fourteen years' existence the new varieties introduced by the Chicago Carnation Co. have in several instances proved valuable permanent acquisitions to the carnation world. Washington, introduced last year, has given almost universal satisfaction, being of a richer color than Lawson and out-blooming that variety. It is worthy of note that Washington was the only variety sent out last year that was exhibited in 160 lots at the recent fall shows and received first prize. A brilliant red seedling, The Herald, will be put upon the market next year. It has received a certificate wherever shown and took first prize at St. Louis. The firm is also testing twelve thousand seedlings.

Frank Oechsln.

Frank Oechslin's plant, to which he has added an entire new range of Foley construction and with Kroeschell heating, the past summer, is now one of the finest places devoted wholly to growing potted plants for the wholesale trade. Among his Christmas stock special notice was taken of Begonias Glory of Cincinnati and Crowsdale which are as fine a lot of plants as one would wish to see. Three houses of cyclamen and two of poinsettias are in prime condition. Between two and three thousand azaleas will also be ready and with Primula ohonon, erica, hyacinths and tulips an excellent variety for the holiday season is assured.

A False Report.

A false report was printed in the Chicago papers recently stating that the Chicago flower growers' association had dissolved. No explanation can be given for the error unless it was a mistake in the copying from the records. On the date given the Association had added one name to the list of directors, and the files at Springfield had evidently been searched by careless reporters.

The "Allied Industries."

Kroeschell Bros. Co. made a record
XMAS XXXX HOLLY XMAS

$5.00 PER CASE

LAUREL WREATHS, per dozen $2.50
and up.
LAUREL FESTOONING, per yard .06
BOXWOOD WREATHS, per dozen $5.00 to 13.00
BUSH LAUREL .50
PRINCESS PINE FESTOONING, per 100 yards, made all round 8.00
LEUCOTHOE SPRAYS, per 1000 7.50
per 100 1.00

CUT BOXWOOD SPRAYS, Excellent Quality, $15.00 per 100 pounds
IMMORTELLES, New Crop, Best Quality, All Colors

A Full Line of Florists’ Supplies. All Kinds of Insecticides

Carnations in all Standard Varieties. Roses—Beauties, Richmonds, Maryland, The Two Killarneys, Brides and Bridesmaids.

Seasonable CUT FLOWERS

Lilies, Orchids, Gardenias, Lily of the Valley, Violets, Adiantum, Asparagus, etc.

HENRY M. ROBINSON & CO., BOSTON, MASS.

15 Province Street and 9 Chapman Place

Telephones—Main 2617-2618. Fort Hill 25290;

ALL ORDERS FILLED PROMPTLY, PROPERLY AND TO YOUR SATISFACTION

for dispatch in filling orders which will be hard to beat. A telegram was received for a boiler in the morning and the same evening the boiler left for G. Butler & Son, Santa Cruz, Cal.

The Foley Mfg. Co. count this as the best year the firm has ever known, October sales broke all previous records extending over almost twenty-five years. From a comparatively small beginning this company has grown to huge proportions, occupying a large factory of its own. Everything that goes into greenhouse construction is there furnished.

Personal.

Mrs. Fred Sperry and little son are spending the winter in Titusville, Pa.

Gilbert & Haff of Glen Ellyn were unfortunate in having their two new greenhouses blown down in the recent storm.

Frank Schramm of Arlington Heights is still confined to the house by a lingering illness, but nevertheless is sending some of the finest Klondyke’s pompon chrysanths from the Chicago market seen here this year.

Visitors—Mr. Pike, St. Charles, Ill.; Mr. Beyer, South Bend, Ind.; F. M. Smith, Cleveland, O.

A FINE WHOLESALE HOUSE FOR ST. LOUIS.

Charles A. Kuehn sprang a big surprise on the local trade when he announced that he would this week move into his own building which has been in course of erection for the past few months at 1312 Pine street. The new building is of three story and basement and is fitted out with all the latest improvements, such as wireless phones, cold storage, elevators, new office fixtures and new tables. The first floor will be used for the cut flower department, the second for supplies and the third for the wire factory. No one had ever dreamed that this new building was being specially built for a wholesale florist place. It will be the best and largest wholesale house of its kind in the country and that is saying a whole lot.

Florists’ Refrigerators

Write us for catalogues and Prices, stating size you require, and for what kind of cut flowers you wish to use the refrigerator; also state whether you want it for display or only for storage.

McCray Refrigerator Co., 353 Lake Street, Kendallville, Ind.

Mention Horticulture when you write.
THE BUYING SEASON

for Florists' Holiday Material and Standard Winter Indispensable Goods is now at its height. We have been, are now, and expect to continue

WORKING OVERTIME ON HOLIDAY ORDERS

Fall trade this season is far beyond any previous years and the quality and variety of the stock in our warerooms and coming in from abroad fully warrants it.

It would take pages innumerable to tell you all we have that you should stock up on. Our catalogue tells all this in detail with splendid half-tone illustrations. Send for it and see. Don't wait until the last minute to order. DO IT NOW!

HELP US AND WE WILL HELP YOU

H. BAYERSDORFER & CO.
THE Florist Supply House of America
1129 Arch Street, - PHILADELPHIA, PA.

News Notes

New Albany, Ind.—Anders Rasmussen, 1108 Vincennes street, is building a combination store, office and garage.

Roswell, N. M.—A branch nursery at Fifth and Main streets has been established by the Roswell Nursery Co.

Wyncote, Pa.—Ninety-one acres of land have been purchased by the Joseph Heacock Co., adjoining their farm at Roeolfs Station.

Fitchburg, Mass.—George Leland, florist, of Keene, N. H., has purchased six acres of land on Rindge road and will erect a range of carnation houses.

Woodbine, Iowa—The business of the Woodbine Floral Co. is now owned by George Young. A. D. Curtis, the former manager, will continue with Mr. Young.

Canon City, Colo.—Acker Bros., who are building a greenhouse at Lincoln Park, are a new firm and they intend to grow vegetables principally. The firm is composed of W. H., E. B., and C. R. Acker.

Calla, Ohio—W. P. Mellot, who has just finished a 35 x 110 ft. vegetable house, has also built a 15 x 100 ft. tool shed and installed an irrigating system in the new house. He also intends to build a 35 x 110 cucumber house. He now has seven houses with an area of about 25,000 square feet.

Columbus, Ohio—The greenhouse to

Cut Flowers for Christmas

With new store, centrally located; improved facilities; more growers; ample supplies of all staples in cut flowers, Messrs Berger Bros. solicit your orders for Christmas trade.

ROSES VIOLETS ORCHIDS CARNATIONS VALLEY GARDENIAS

Everything in season. Long Experience. Careful, conscientious service

BERGER BROS., 140 North Thirteenth St.
Roses for the Christmas Holidays

BEAUTIES

We guarantee the quality to be equal to any that are offered in this market. The supply of our "Specials" is very large.

Killarney
Maryland
Richmond

They are in fine shape and at our prices good value. The Best have stems 30 inches long, and in all grades you can depend on us to get the best value to be had.

Boxwood, per 50 lb. crate, $7.50

THE LEO NIessen CO.
Wholesale Florists
N. E. Cor. 12th and
Race Sts.

Philadelphia

WELCH BROS.
AMERICAN BEAUTY, KILLARNEY, RICHILDON, MARYLAND All the Superior
ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED.

226 Devonshire Street,
Boston, Mass.

WHOLESALE FLOWER MARKETS—TRADE PRICES—Per 100

<table>
<thead>
<tr>
<th>ROSES</th>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHILA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec. 9</td>
<td>Dec. 9</td>
<td>Dec. 9</td>
<td>Dec. 9</td>
<td></td>
</tr>
<tr>
<td>Ave. Beauty, Fancy, and Special.</td>
<td>4.00 to 6.00</td>
<td>5.00 to 7.00</td>
<td>4.00 to 5.00</td>
<td>5.00 to 7.00</td>
</tr>
<tr>
<td>&quot;Extra&quot;</td>
<td>5.00 to 7.00</td>
<td>6.00 to 8.00</td>
<td>5.00 to 7.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>&quot;No. 1&quot;</td>
<td>6.00 to 8.00</td>
<td>7.00 to 9.00</td>
<td>6.00 to 8.00</td>
<td>7.00 to 9.00</td>
</tr>
<tr>
<td>&quot;No. 2&quot;</td>
<td>7.00 to 9.00</td>
<td>8.00 to 10.00</td>
<td>7.00 to 9.00</td>
<td>8.00 to 10.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>8.00 to 10.00</td>
<td>9.00 to 12.00</td>
<td>8.00 to 10.00</td>
<td>9.00 to 12.00</td>
</tr>
<tr>
<td>Richmond, Chateau, Fancy &amp; Specialty</td>
<td>9.00 to 11.00</td>
<td>10.00 to 12.00</td>
<td>9.00 to 11.00</td>
<td>10.00 to 12.00</td>
</tr>
<tr>
<td>Low grades</td>
<td>10.00 to 12.00</td>
<td>11.00 to 14.00</td>
<td>10.00 to 12.00</td>
<td>11.00 to 14.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fan, &amp; Special</td>
<td>11.00 to 14.00</td>
<td>12.00 to 16.00</td>
<td>11.00 to 14.00</td>
<td>12.00 to 16.00</td>
</tr>
<tr>
<td>Low grades</td>
<td>12.00 to 16.00</td>
<td>14.00 to 18.00</td>
<td>12.00 to 16.00</td>
<td>14.00 to 18.00</td>
</tr>
<tr>
<td>Bride, Maid,</td>
<td>13.00 to 16.00</td>
<td>15.00 to 18.00</td>
<td>13.00 to 16.00</td>
<td>15.00 to 18.00</td>
</tr>
<tr>
<td>Tails, Hillingdon, Ward</td>
<td>14.00 to 17.00</td>
<td>16.00 to 20.00</td>
<td>14.00 to 17.00</td>
<td>16.00 to 20.00</td>
</tr>
</tbody>
</table>

CARNATIONS, First Quality...Ordinary...

<table>
<thead>
<tr>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHILA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec. 9</td>
<td>Dec. 9</td>
<td>Dec. 9</td>
<td>Dec. 9</td>
</tr>
<tr>
<td>Ave. Beauty, Fancy and Special.</td>
<td>4.00 to 6.00</td>
<td>5.00 to 7.00</td>
<td>4.00 to 5.00</td>
</tr>
<tr>
<td>&quot;Extra&quot;</td>
<td>5.00 to 7.00</td>
<td>6.00 to 8.00</td>
<td>5.00 to 7.00</td>
</tr>
<tr>
<td>&quot;No. 1&quot;</td>
<td>6.00 to 8.00</td>
<td>7.00 to 9.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>&quot;No. 2&quot;</td>
<td>7.00 to 9.00</td>
<td>8.00 to 10.00</td>
<td>7.00 to 9.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>8.00 to 10.00</td>
<td>9.00 to 12.00</td>
<td>8.00 to 10.00</td>
</tr>
<tr>
<td>Richmond, Chateau, Fancy &amp; Specialty</td>
<td>9.00 to 11.00</td>
<td>10.00 to 12.00</td>
<td>9.00 to 11.00</td>
</tr>
<tr>
<td>Low grades</td>
<td>10.00 to 12.00</td>
<td>11.00 to 14.00</td>
<td>10.00 to 12.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fan, &amp; Special</td>
<td>11.00 to 14.00</td>
<td>12.00 to 16.00</td>
<td>11.00 to 14.00</td>
</tr>
<tr>
<td>Low grades</td>
<td>12.00 to 16.00</td>
<td>14.00 to 18.00</td>
<td>12.00 to 16.00</td>
</tr>
<tr>
<td>Bride, Maid,</td>
<td>13.00 to 16.00</td>
<td>15.00 to 18.00</td>
<td>13.00 to 16.00</td>
</tr>
<tr>
<td>Tails, Hillingdon, Ward</td>
<td>14.00 to 17.00</td>
<td>16.00 to 20.00</td>
<td>14.00 to 17.00</td>
</tr>
</tbody>
</table>

MISCELLANEOUS

<table>
<thead>
<tr>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHILA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec. 9</td>
<td>Dec. 9</td>
<td>Dec. 9</td>
<td>Dec. 9</td>
</tr>
<tr>
<td>Ave. Beauty, Fancy and Special.</td>
<td>4.00 to 6.00</td>
<td>5.00 to 7.00</td>
<td>4.00 to 5.00</td>
</tr>
<tr>
<td>&quot;Extra&quot;</td>
<td>5.00 to 7.00</td>
<td>6.00 to 8.00</td>
<td>5.00 to 7.00</td>
</tr>
<tr>
<td>&quot;No. 1&quot;</td>
<td>6.00 to 8.00</td>
<td>7.00 to 9.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td>&quot;No. 2&quot;</td>
<td>7.00 to 9.00</td>
<td>8.00 to 10.00</td>
<td>7.00 to 9.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>8.00 to 10.00</td>
<td>9.00 to 12.00</td>
<td>8.00 to 10.00</td>
</tr>
<tr>
<td>Richmond, Chateau, Fancy &amp; Specialty</td>
<td>9.00 to 11.00</td>
<td>10.00 to 12.00</td>
<td>9.00 to 11.00</td>
</tr>
<tr>
<td>Low grades</td>
<td>10.00 to 12.00</td>
<td>11.00 to 14.00</td>
<td>10.00 to 12.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fan, &amp; Special</td>
<td>11.00 to 14.00</td>
<td>12.00 to 16.00</td>
<td>11.00 to 14.00</td>
</tr>
<tr>
<td>Low grades</td>
<td>12.00 to 16.00</td>
<td>14.00 to 18.00</td>
<td>12.00 to 16.00</td>
</tr>
<tr>
<td>Bride, Maid,</td>
<td>13.00 to 16.00</td>
<td>15.00 to 18.00</td>
<td>13.00 to 16.00</td>
</tr>
<tr>
<td>Tails, Hillingdon, Ward</td>
<td>14.00 to 17.00</td>
<td>16.00 to 20.00</td>
<td>14.00 to 17.00</td>
</tr>
</tbody>
</table>

J.A. BUDLONG
82-84-86 E. Randolph St., Chicago
OUR STOCK IS A-1 AND IT IS QUALITY NOT PRICES THAT TALKS

Chicago Flower Growers' Association
Wholesale Growers of Cut Flowers and Plants
176 N. Michigan Ave., Between Randolph and Lake Streets, Chicago

HENRY M. ROBINSON & CO.
15 Province St., 9 Chapman Pl., Boston, Mass.

Everything in Flowers
Complete Stock of Florists' Greens,
Three Floors of Florists' Supplies.

Wired Toothpicks
Manufactured by
W. J. COWEE, BERLIN, N. Y.
0.000 . . . . 1.75; 50,000 . . . . 75.00. Sample free.
For sale by dealers.
Flower Market Reports

After the fine record of BOSTON Thanksgiving week this market has quieted down considerably and there is only a moderate demand. The principal activity around the wholesale mart is in the line of inquiries for prices and inspecting of holiday supplies. The receipts of all sorts of dowers are ample and in the majority of cases quality is excellent. This is particularly true of roses, carnations, and violets, and a measure of recognition of the demand are being made by far the best showing in popularity, especially Radiance, Taft and Hilligdon. White roses have been too plentiful for the demand but the exit of the through supply will, in a measure, remedy this disparity. Carnations are of exceptional quality. Sweet peas move slowly. Of bulbous stock there is an abundance at moderate prices.

Chrysanthemums were BEAUTIES that were not a marketable success. Prices have been low, and no advance in price. The supply of such choice varieties as Autumn Glory, Harvest Gold, and other hybrid varieties was small and there were few buyers. The best stock was in good demand and prices were fairly high. A considerable lot of single brown, copper and coppery varieties were seen this week and prices of the smaller sorts of which there was an abundance were as low as 6th of view. These were bought by others than florists.

BUFFALO Markets.

BUFFALO,Nov.24,1911.

CHRISTMAS TREES, SPRUCE or BALSAM, FROM ONE FOOT TO THIRTY FEET, IN ALL VARIOUS SPECIES. MARCH, APRIL, MAY, JUNE. FARMERS, FARM WIVES, FARMERS' WIVES, LADIES, GENTLEMEN, IF YOU ARE LOOKING FOR CHRISTMAS TREES THIS YEAR, WRITE US. WITH YOUR ADDRESS.

HOKICULTUKE NEW purposed 3642-43 the Madison Lower All IM Raynor 113 Ordinary To "6 ** 49 first-class WAI O'CLOCK.:

T WM. A. Florists' Wholesale Supplies, for Wholesale in Madison, and Livingston Wholesale in and Open the wholesale connection, New Telephone Y. Caller New Baskets. New Supplies Commission Special. New for all or THE RIGHT HOME LILY. Stock for the New LILY. THE HOME OF THE LILY. by the 100, 1000 or 10,000.

P. J. SMITH
Successor to JOHN I. RAYNOR
Wholesale Commission Florist
SELLING AGENT FOR LARGEST GROWERS
A full line of Choice Cut Flower Stock for all purposes
TEL. 998 MADISON SQUARE 49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—2352-553 Madison Square

NOW IS THE TIME
To decide on your Commission Man. Begin the season right by shipping your product to the OLD, RELIABLE ESTABLISHMENT,
OPEN EVERY MORNING AT 6 O'CLOCK.
Tel. 167-4468 Madison Sq.

J. K. ALLEN
106 W. 28th St.
NEW YORK

HEADQUARTERS FOR NOVELTIES
THE HIGHEST GRADE OF VALLEY ORCHIDS ALWAYS ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, 55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th>Name</th>
<th>Quotations</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Beauty</td>
<td>40.00-60.00</td>
</tr>
<tr>
<td>Fancy and Special</td>
<td>30.00-40.00</td>
</tr>
<tr>
<td>Extra</td>
<td>20.00-25.00</td>
</tr>
<tr>
<td>No. 1.</td>
<td>15.00-20.00</td>
</tr>
<tr>
<td>No. 2.</td>
<td>10.00-15.00</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>5.00-10.00</td>
</tr>
<tr>
<td>Killarney, My Maryland</td>
<td>4.00-6.00</td>
</tr>
<tr>
<td>Extra and Special</td>
<td>3.00-5.00</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>2.00-3.00</td>
</tr>
<tr>
<td>Bride's Field</td>
<td>1.00-2.00</td>
</tr>
<tr>
<td>Tall, Hillington, Ward</td>
<td>0.50-1.00</td>
</tr>
<tr>
<td>Carnations, First Quality</td>
<td>0.25-0.50</td>
</tr>
<tr>
<td>Ordinary</td>
<td>0.25-0.50</td>
</tr>
</tbody>
</table>

BADGLEY, RIEWEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK
Shipment, any quantity, Wholesale Market Rates.

ROSENS
46 W. 28th Street, New York City
Telephone No. 766 Madison Sq.

FRANK J. DYSART
Public Accountant and Auditor
Simple methods of correct accounting especially adapted for florists use.
Books Balanced and Adjusted
28 STATE ST. Boston
Telephone, Main 58.
Flower Market Reports.

(Continued from page 83)

surprise. All report Thanksgiving business a good percentage ahead of last year and we hope this may also come true with Christmas three weeks hence. Hindice and prices sag. Gigantic chrysanthemums and this was enhanced by the high price of long stemmed roses in the wholesale market. At present chrysanthemums are practically gone but other flowers are coming in in very good quality and plenty of them.

NEW YORK was very strong last week, after the Thanksgiving Day onslaught, prices prevailing for the holiday being well maintained. Monday closed with a heavy snowfall, which sapped and abated by a disastrous fire at the U. S. Express Co.'s stables in Jersey City, so crippled and delayed flower deliveries that much embarrassment and scurrying was inflicted on the wholesale district, and prices kept where they left off on Saturday. Chrysanthemums made an almost complete exit with the Thanksgiving Day cut, and an unconsidered emptiness is noticeable everywhere. The result will doubtless be a good boost for the carnation, which is already selling at figures dangerously touched at this season and seldom exceeded at any season. The quality is noticeably good. Roses are not too plentiful and probably will not be until the holiday crop shows up. Normal values are well maintained, and lower prices are not looked for in the near future. Of lily of the valley there is a fair supply, but much of it is of indifferent quality. Roman hyacinths abundant, paper white nasturtium less so. Violets are uncertain and fluctuating and prices for the future. Specimen is the only feature of the market and bring good prices. In the orchid line there is a fair supply of cattleyas but ondulins and other "spray" orchids are in Increased and prices for the demand. An atmosphere of conditions activity is gradually pervading the wholesale district, and the feeling is more optimistic than it has been for many months. The retailers are not disposed to be jubilant though, and the "surplus speculators" are far from happy over the situation.

NEW YORK QUOTATIONS PER 100. To Dealers Only

MISCELLANEOUS

<table>
<thead>
<tr>
<th>Description</th>
<th>Last Half of Week ending Dec. 24, 1911</th>
<th>First Half of Week beginning Dec. 4, 1911</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cattleyas</strong></td>
<td>10.00 to 75.00</td>
<td>35.00 to 75.00</td>
</tr>
<tr>
<td><strong>Bendrobium formosum</strong></td>
<td>20.00 to 25.00</td>
<td>30.00 to 25.00</td>
</tr>
<tr>
<td><strong>Phalaenopsis</strong></td>
<td>3.00 to 5.00</td>
<td>1.50 to 6.00</td>
</tr>
<tr>
<td><strong>Laurels</strong></td>
<td>1.00 to 1.50</td>
<td>1.00 to 1.50</td>
</tr>
<tr>
<td><strong>Lily of the Valley</strong></td>
<td>1.00 to 1.50</td>
<td>1.00 to 1.50</td>
</tr>
<tr>
<td><strong>Narcissus Paper White</strong></td>
<td>20.00 to 30.00</td>
<td>20.00 to 30.00</td>
</tr>
<tr>
<td><strong>Roman Hyacinths</strong></td>
<td>4.00 to 10.00</td>
<td>4.00 to 10.00</td>
</tr>
<tr>
<td><strong>Chrysanthemums</strong></td>
<td>50.00 to 1.00</td>
<td>50.00 to 1.00</td>
</tr>
<tr>
<td><strong>Violets</strong></td>
<td>7.00 to 15.00</td>
<td>7.00 to 15.00</td>
</tr>
<tr>
<td><strong>Street</strong></td>
<td>75.00 to 15.00</td>
<td>75.00 to 15.00</td>
</tr>
<tr>
<td><strong>Mignonette</strong></td>
<td>5.00 to 75.00</td>
<td>5.00 to 75.00</td>
</tr>
<tr>
<td><strong>Oxalis</strong></td>
<td>1.00 to 1.00</td>
<td>1.00 to 1.00</td>
</tr>
<tr>
<td><strong>Smiles</strong></td>
<td>10.00 to 35.00</td>
<td>10.00 to 35.00</td>
</tr>
<tr>
<td><strong>Adiantum</strong></td>
<td>1.00 to 25.00</td>
<td>1.00 to 25.00</td>
</tr>
</tbody>
</table>

* A Spec. (too bough)

PHILADELPHIA Thanksgiving week came fully up to the highest expectations here. Trading was brisk all along the line. There was plenty of stuff but not too much. No gluts. No sacrifices. A satisfactory market, such as we seldom see. In roses the medium grades were in rather best demand, the fancier and specials being a little harder to move. Carnations cleaned right up. Good chrysanthemums also sold well—and especially of the grade of the Chadwick's. The table brought top-notch figures. Violets and lily of the valley were in brisk demand. Orchids are not so plentiful but enough of them to go around. About the only dragging item was the lily, of which there were liberal shipments but very little call. All other flowers are going well at the usual standard figures. Good crops in sight for Christmas trade. The prophets are figuring on rather moderate prices for the great festival.

ST. LOUIS condition the past week was a slow one. Monday and Thursday it was crowded up with extra fine stock in every seasonable and the wholesalers had plenty of orders on hand for both local and shipping to consume nearly all of it. The local retailers all had a splendid business for Thanksgiving Day. Prices were not so high considering the quantity of the stock. The cut being so heavy last week much is expected for the early part of this week and prices will remain about as they were last week—some fine Beauties are coming in but not any too many. Smaller roses are more plentiful in all grades. Violets sold fine although many more were received than expected. Chrysanthemums are on the down grade and only few are coming in now.

WASHINGTON Day period proved to be very successful with the trade in this city, and sales for the entire week were very satisfactory. Prices were good; nobody was trying to give their stock away and there was a heavy demand for everything. Roses and chrysanthemums were, of course, the top-notchers as regards quantities disposed of. Roses are in good and are cleaning up to advantage. Carnations of A1 quality are scarce, the best grades bringing about $1.00, but there are so few of them that the demand exceeds the supply. Lily of the valley and narcissus are in better demand this week than last, but double violets are moving slower than would be expected. These latter were quoted during the holiday time at $1.25 to $1.50, but there was no extra demand for them. The demand for orchids was quite good. On Sunday last the ice boxes looked pretty well cleaned out, and it is expected that this month of December will prove to be a record breaker and the year finish up in fine style.

PHILADELPHIA NOTES.

Professor L. C. Corbett of the U. S. Department of Agriculture was the lecturer at the Mitchell course on Monday, the 4th inst.


IF YOU NEED CHRISTMAS PLANTS

We don't need to explain to you the advantage of a Central Florists' Plant Supply House in these busy days, where selected flowering and foliage stock is assembled for inspection and selection, saving time and expense of railroad trips to visit widely separated growers. That's where we both win. Packing and shipping facilities unsurpassed. Of blooming and fruiting plants we have Cyclamen of best quality ever seen in December; Éricas, Lorraine Begonias, Camellias, Oranges, Jerusalem Cherries, Ardisias. In foliage plants All Palms, etc.; Ivies and Holly Ferns, Table Ferns, Aspidistras, Phoenix Roe-beleni (elegant little specimens), Arancarlas, Buxus Pyramids, Scotti Ferns, Dracaenas.

WOODROW & MARKETOS, Wholesale Plantmen and Florists 41 WEST 28th ST., NEW YORK
Florists' Telegraph Delivery

(Retailers' Section—S. A. F. & O. H.)

Write for particulars to

IRWIN BERTERMANN, Secretary, 241 Massachusetts Ave., Indianapolis, Ind.

Of Interest to Retail Florists

Lawrence, Mass.—W. F. Regan, florist, 504 Essex street, was married on November 30 to Miss Mary A. I. Maynard.

Washington, D. C.—A. O. C. Oehmke, secretary of the Florists' Club of Washington, is a candidate for election as commander of Lincoln Camp of the Sons of Veterans. He has but one opponent, the present incumbent, but the fight is a close one, and it is not wise yet on either contestant. Z. D. Blackstone is showing some very attractive combination baskets of fruit and flowers. A corsage bouquet like Grandma used to "wear" proved to be a decided novelty. This was on display in his window, and consisted of

WILLIAM L. ROCK FLOWER CO. Kansas City, - Mo. will carefully execute orders for Kansas City and any two in Missouri or Kansas.

H. F. A. Lange

WORCESTER, - MASS.

Delivers to all Points in New England.

125,000 square feet of glass.

WELLESLEY COLLEGE


Tel, Wellesley 404 and 8, Night 404.

EYRES

Flowers or Design Work

Delivered in Albany and Vicinity

11 NORTH PEARL ST., ALBANY, N. Y.

LOUISVILLE, KY.

ALBANY, N. Y.

J. A. VALENTINE, Denver, President.

W. J. PALMER, Buffalo, Vice-President.

W. L. ROCK, Kansas City, Treasurer.

OTHER DIRECTORS:


A. L. MCKENNELL

571 FIFTH AVENUE

NEW YORK CITY

Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls, 487 and 688 Murray Hill

CABLE ADDRESS, ALEXCONNELL

DAVID CLARK'S SONS

Deliver orders from any part of the country to

New York City

Or OUT-GOING STEAMERS

Write or telegraph

2139-2141 Broadway, New York

Telephone 1558-1559 Columbus

Established 1874.

DARDS FLORIST

N. E. Cor. 44 St. & Madison Avenues, N. Y. C.

(Member Florists' Telegraph Delivery Assn.)

Flowers shipped on all steamers. Special correspondents in all large cities of Europe and the British Colonies. Telegraph and cable address, Dardapier.

842 West 28 St., NEW YORK

"FLOWERS BY TELEGRAPH"

Flower Deliveries

In Brooklyn and other Long Island Points, New York City, New Jersey, etc. At Theatres, Hotels, Steamers or Residences.

WILSON

Fulton St. and Greene Av., Brooklyn

BUFFALO

S. A. ANDERSON

440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

THE ROSEY

76 MAIDEN LANE

ALBANY, N. Y.

FLOWER DELIVERIES FOR ALBANY AND VICINITY

ALBANY, N. Y.

The Home of Flowers

The largest flower store in America. Orders for the Twin Cities and for all Northwestern points given prompt attention.

HOLM & OLSON, Incorporated

ST. PAUL, MINN.

Members Florists' Telegraph Assn.

"THE HOME OF FLOWERS"

The largest flower store in America. Orders for the Twin Cities and for all Northwestern points given prompt attention.

WILMANN & HOFFMAN

304 Main Street, Buffalo, N. Y.

Members Florists' Telegraph Assn.

"THE HOME OF FLOWERS"

The largest flower store in America. Orders for the Twin Cities and for all Northwestern points given prompt attention.

WILMANN & HOFFMAN

304 Main Street, Buffalo, N. Y.

Members Florists' Telegraph Assn.
Christmas Deliveries in Boston and Vicinity

We are prepared to deliver in good shape, flowers, plants, or made up work as ordered. Florists at a distance may transfer their orders by mail, telegram or phone to us with a certainty of prompt and careful attention.

THOMAS F. GALVIN, Inc.

BOSTON, MASS.

Member Florists' Telegraph Delivery
Boyiston, cor. Fairfield St. Tel. Back Bay 2023

PARIS

London

Berlin

SAMUEL MURRAY

913 GRAND AVE., KANSAS CITY, MO.

Member of the Florists' Telegraph Delivery

ALL ORDERS GIVEN PROMPT AND CAREFUL ATTENTION

WILL DELIVER IN BOSTON

and to Eastern New England Points, transfer orders for plants, flowers or floral designs as ordered by mail or wire for the Holidays or at other times.

Service first class.

JULIUS A. ZINN

1 PARK STREET  'PHONE HAYMARKET 2435

BOSTON, MASS.

"FLOWERS BY TELEGRAPH."

Leading Retail Florists Listed by Towns for Ready Reference.

Albany, N. Y.—H. G. Eyres, 11 N. Pearl St.
Albany, N. Y.—The Rosery, 73 Malden Lane.
Boston—Thos. F. Galvin, 124 Tremont St.
Boston—Edw. Macaulkin, 194 Boylston St.
Boston—Penn, the Florist, 37-43 Bromfield St.
Boston—Julius A. Zinn, 1 Park St.
Boston—Julius A. Zinn, 1 Park St.
Bromfield St.
Boston—Julius A. Zinn, 1 Park St.
Bosoton—Julius A. Zinn, 1 Park St.
Buffalo, N. Y.—Palmer's 304 Main St.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Chicago—Williams J. Smyth, Michigan Ave. and 31st St.
Denver, Col.—Park Floral Co., 1615 B'way.
Baltimore, Md.—J. Brittingham's Sons, Miami and Grattis Ave.
Kansas City, Mo.—Samuel Murray, 912 Grand Ave.
Kansas City, Mo.—Wm. L. Rock Flower Co., 1116 Walnut St.
Indianapolis, Ind.—Florists' Telegraph Deliveries, 241 Massachusetts Ave.

BOSTON'S BEST

In Quality and Design

Can be relied upon when you transfer your retail orders to

EDWARD MACMULKIN

194 Boylston Street, Boston

Louisville, Ky.—Jacob Schult, 550 South Fourth Ave.
New York—David Clarke's Sons, 210-211 Broadway.
New York—Alex. McConnell, 611 5th Ave.
New York—Young & Negent, 42 W. 29th St.
New York—Jarvis, N. E. cor. 44th St. and Madison Ave.
St. Paul, Minn.—Holm & Olson.
Toronto, Can.—J. H. Dunlop, 98 Yonge St.
Washington, D. C.—Gude Bros., 1511 F St.
Wellesley, Mass.—Talbot.
Worcester, Mass.—Littlefield, 407-409 Main St.

Littlefield FLORIST

407 & 409 Main St.
Garden and Grass Seeds,
With a choice collection of Flower Roots, & Seeds,
Just Imported.

MINTON COLLINS, most respectfully informs the ladies and gentlemen of Virginia, that he has just received by the ships Grand Duke, and Birmingharn, from London, a fresh assortment of the following SEEDS & FLOWER ROOTS, which he is now offering for ready money, at his Seed and Flower Store, (ONLY) north side of the Main street, between the Post-office and the Bridge; where Country store-keepers may be supplied with an attention, upon moderate terms.

GRASS SEEDS etc.
Red Clover, clop, do.
Lucerne, do.
Rye-grass, do.
Barley, do.
Rape and Canary.
PEAS & BEANS, Many Pea and pea, do.
Golden monkey, do.
Charlton, do.
Dress Madeira, Grati in Morroco, do.
White Winter, do.
D. P. do.
Peppered, do.
Canterbury, do.
Shemp, do.
Pea Seeds, French, do.
CABBAGE SEEDS, Early and Late York, do.

Early sugar lox, do.
Lettuce, do.
Early Bartlett, do.
Lettuce, do.
Large Madeira, do.
Green curled Savoy, do.
Yellow curled do.
Large Scotch Cabbage, do.

Winter do.
Althea, do.
Brown cole, do.
Turnip Root, do.
Red Cabbage to pickle, do.

PARISIAN BULBS, do.

White Cabbage, do.

Early Cabbage, do.

White clover, do.

Green, do.

Largeibia, do.

Cabbage, do.

Brown Dwarf, do.

White curled do.

Cardon, do.

Large pecky Cabbage, Short, do.

Cabbage, do.

Early summer Flemish, do.

Spring Dutch, do.

Mangel Wurzel, do.

root of Screnny, do.

Red Beet, do.

White do.

Large Norway, do.

Salsify, do.

Alpago, do.

Globe Artichoke, do.

Fine cartham haystack, do.

Barfis, do.

Carrot, do.

Garden, do.

Double pepper Grass, do.

White Mustard, do.

Russian, do.

FLOWER ROOTS, do.

Red, do.

White, do.

Lilacs, do.

Peaflor, do.

Ramona, do.

Mixed Tulips, do.

Cape Roses, do.

Bell, do.

Dollies, do.

Lilies of the valley, do.

Mixed, do.

Yellow Crocus, do.

An assortment of white gladiolus, do.

FLOWER BULBS, do.

Widow wallower, do.

Seed, do.

Amurica, do.

Turkish Balmam, do.

Geronium, do.

Turkey Violet, do.

Charlton Pink, do.

Stock, do.

None, do.

too nice to mention.

Moth, do.

Rocks, do.

Crames, do.

Mammas, do.

other sole balms.

*AS M. Collins intends to confine himself entirely to the same business & having a very particular store in London, where he will keep his customers supplied with the best of effects, he hopes this book to aid endeavors to please his customers will enable him to a preference.

R. CHMODY, January 2nd, 1703.

AN ANTIQUE SEED CATALOGUE.

We have on this page a photographic reproduction of what we believe to be one of the oldest American seed catalogues in existence. The original is in the possession of W. A. Manda, who has given us permission to copy it, believing that the seedsmen of the present day will be interested in its contents. Judging from the catalogues now issued, the seed trade has been "going some" in the past hundred years.
Boddington's Quality Flower Seeds for Florists

- **SELECTED SEEDS, SUCCESSFULLY SOWN, SECURE SURE, SAFE AND SERVICEABLE SATISFACTION.**

Remember you may deduct 5 per cent, if cash accompanies order.

- **ALGARATUM**
  - Trade pt. oz.
  - Mexicanum album... $0.30
  - Blue Perfection... $1.50
  - Imperial Dwarf White... $1.50
  - Imperial White... $1.50
  - Swayzee Blue... $1.50
  - Little Blue Star, trade pt. 50c., 6 pt. for $1.00

- **BODDINGTON'S WAIFS BEAUTY**
  - Trade pt. oz., $0.00

- **AYSUMM**
  - 20 ft.
  - A Grand Improvement on Little Gem, being much more compact; grand for bedding. Trade pt. 50c., oz. $1.00.

- **ASTERS**
  - Boddington's Asters are famous, with many varieties. The best catalogues and prices.
  - Trade pt. $0.00
  - Aster Early Wonder, white $0.25
  - Aster Early, pink $0.25
  - QUEEN OF THE MARKET ASTERS, Boddington's Extra Early.

- **BRANCHING ASTERS**
  - Vick's Branching.
  - Trade pt. $0.25
  - Ciroanno... $0.50
  - White... $0.50
  - Purple... $0.50
  - Violet... $0.50
  - Rose... $0.50
  - Lavender Carlson's Branching...
  - Sample's Branching...
  - Shell Pink... $0.50
  - Epernay... $0.50
  - Trade pt. each of the collection of 8 varieties, $1.50.
  - Vick's New Early Branching...
  - Vick's Early Branching...
  - Vick's New Early Branching...

- **BODDINGTON'S GIANT ANTIHRINUM**
  - (Height, 3 Feet.)
  - Trade pt. $0.25
  - Coral-Red, striking color... $0.30
  - Carmine, splendid color... $0.30
  - Highbush Pink... $0.30
  - Cresa... $0.30
  - Queen Victory... $0.30
  - Lucretia, yellow... $0.30
  - Flora, scarlet... $0.30
  - Lhoubis... $0.30
  - Lithium, beautiful color... $0.30

- **BEGONIA**
  - Trade pt. oz.
  - Boddington's Crimson Hedder... $0.50
  - Hedo, carnation... $0.50

- **BLEONIUM—continued**
  - Semperflorens... $0.25
  - Vernon d'Avignon, 1/2 ft. A fine bedding sort, with rich red flowers and grayish bronze-red foliage... $0.25

- **CINERARIA**
  - Glaucaria maritima, 1/2 ft. Trade pt. 10c., oz. 25c.
  - Glaucaria maritima "Diamond." A vast improvement, over the above. Foliage very white, leaves much serrated. Trade pt. 50c., oz. $1.00 per oz.

- **CENTAUREA**
  - Trade pt. oz.
  - Gmelinana... $0.25

- **GREVILLEA ROBUSTA**
  - Silk Oak... $1.00

- **COBAEA**
  - Trade pt. oz.
  - Saunders, H. P., Blue... $0.10
  - Blue, White... $0.10

- **LOBELIA**
  - Erimos gennelli, trailing... light blue... $0.15
  - Erimos speziosa, deep blue... $0.15
  - Crystal Palace... $0.25
  - Emperor William Compacta... $0.25

- **MIGNONETTE**
  - Boddington's Majesty. The finest of all the various of Mignonette for a single glass or pot culture. Seeds saved from selected flowers. Trade pt. 50c., oz. $1.00.

- **MYOSOTIS**
  - Trade pt. oz.
  - Eliza Fazendin, excellent for pots... $0.10
  - Palustris Semperflorens... ever blooming... $0.10

- **PETUNIAS**
  - Boddington's Quality Double Fringed. Our double Petunias have reached the highest standard of excellence, and may be confidently relied on to produce large numbers of flowers of the same beauty and great size. 1/2 trade pt. 50c., trade pt. $1.00.

- **SALVIA**
  - Trade pt. oz.
  - Clara Redman (Bontine)... $0.25

- **STOCKS**
  - Boddington's Quality Large-Flowering for German Tiers.

These splendid stocks will flower continuously through the summer if sown early.

- **GIANT PERFECTION**
  - White...
  - Pyramidal long spikes of large double-petalled flowers, grand for garden and flowers' purposes. Trade pt.

- **QUALITY VERBENAS**
  - Boddington's Mammoth Hybrids. A strain of very vigorous growth, producing trusses of large flowers of shellville and varied colors. Mixed, $0.25

- **PYRETHRUM**
  - Trade pt. oz.
  - Auren (Golden Feather)... $0.10
  - Selaginella, Foliage fine, serrated... $0.25

- **VINCA**
  - Trade pt. oz.
  - Blue, white... $0.25

We are headquarters for Save Five of every description. Our Wholesale Catalogue of Quality Seeds and Bulbs (in new and improved form) contains 26 pages of Seeds and Bulbs you need. Write for it today—a postcard will fetch it.

**ARThUR T. BODDINGTON, Seedsman, 342 W. 14th STReET, NEW YORK CITY**
Seed Trade

Corn Damage.

It seems that the crop troubles of 1911 are not yet ended for the seed grower or seedsmen. We have several times reported damage to late varieties, but the extent of this damage we could not ascertain, and, in fact, do not really know the extent of it at this time. It is known, however, to be very serious, estimates varying from twenty-five to fifty per cent. From the latest information we have, it seems that the damage has not been confined to sweet corn, but that a large percentage of the field corn, grown in Ohio, has suffered from what is known as "ear rot." This has been so serious that the papers of the state, and particularly those devoted to the agricultural interests, have given it a good deal of attention, and some have said that it was a national calamity. While probably it is not serious enough to be thus characterized, it means a considerable loss to the farmers of the state. Some of the Ohio papers have predicted dollar field corn as a result of the trouble referred to.

We reported some time ago that conditions affecting the corn crop of Connecticut were generally favorable, and the latest reports we have do not change this information. It must be remembered, however, that the Connecticut crop is but a small factor of the crop as a whole, and is further rumored that most of the Connecticut dealers are nearly or quite sold out and not in shape to accept much more business on this year's crop. In their eagerness to do business, they started prices at too low a figure and could not understand why they received so many orders for corn from the west. It finally dawned on them why, but it was then too late to be of any material benefit, as most of them had already sold about all available surplus not required for their own immediate trade. At this time it really looks as if prices would rule considerably higher for good, sound seed of strong germination than they usually do a month or two ago. Many of the large wholesale seed houses are selling corn very cautiously, and in rather limited quantities only, being fearful that the demand for corn will not be as large as last year.

Pea and Bean Contract Prices.

Contracting prices for peas and beans of the 1912 crop have been issued by most of the growers, and are certainly at a much higher level than ever before in the history of the trade. At least, this may be said of peas, if not of beans. There seems to be considerable difference in prices on beans, one or two grades advancing the prices twenty-five to fifty cents per bushel over last year, while the majority have made only very slight advances. Why there should be this difference has been explained by one of the large growing concerns, which is in effect that at the prices ruling the past year the cost was such that they were barely able to break even, while should the crop be a very light one, they would most certainly be losers. It has seemed that for several years, bean prices have not kept pace with the advance in peas, and probably there is not justification for as large advances. But how growers can con-
A PLANT NOVELTY

That everybody will want

Solanum Capsicastrum Melvinii

The best introduction in holiday plants, for years. A money-maker. Plant dwarf, bushy, 12 to 15 in. high, covered with brilliant scarlet berries, conical shaped and carried well above the dark shining foliage.


Sow seeds in Jan. or Feb. for next Christmas. Ten packets, $1.00; 100 plus, $12.50.

THOMAS J GREY CO.
32 South Market St., Boston

PEAS, BEANS, RADISH
and all Garden Seeds
Growers for the Trade

LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO
ONION SETS
Write for Prices

Wholesale Growers of
Onion, Lettuce, Sweet Peas
and other California Specialties

C. C. MORSE & CO.
48 Jackson St.
SAN FRANCISCO, CAL.

BRIDGEMAN’S SEED WAREHOUSE
RICKARDS BROS.

Props.
37 East 19th St., NEW YORK CITY

CANE STAKES
AMERICAN, bundle 500, $3.00; 1000, $5.50.
BAMBOO from Japan, 100, 65c.; 1000, $5.50.

The W. W. Barnard Co.
108-110 W. Kinzie St., CHICAGO

NEW CROP SEEDS ARE IN
(Less 10 per cent, if cash is sent with order.)

Asparagus Plumosus Nanus,
Greenhouse grown, $4.00 per 1000 seeds

Salvia Bonfire, 25c. Tr. Pkt. $2.00

" Splendens, 15c. " $1.50

Verbena Mann, choice mixed 15c. " $1.50

ROMAN J. IRWIN
3097 Broadway, NEW YORK, N.Y.

PRINTING
Farmers, Horticulturists and Poultrymen
should get their printing done by specialists. Write for prices
to THE REX CO., Harrisburg, Pa.

BURPEE’S SEEDS
PHILADELPHIA

Blaze List of Wholesale Prices mailed only to those who plant for profit.

COMPLETE STOCK FRENCH AND DUTCH BULBS
Prices list free on request.
Joseph Breck & Sons Corp.
47-54 No. Market St., BOSTON, MASS.

Farquhar’s Flower Seeds for
The Florist

Write for our Wholesale Catalogue
R & J. FARQUHAR & CO.
Boston, Mass.

Established 1820

Thorburn’s Bulls

We offer high grade stock of the following
white amold:

LILUM HARRISH, 7-9 inches in circam.
at $1.00 per case of 250 bulbs.
WHITE ROMAN HYACINTH, 12-15
at $1.50 per 1000.
PAPER WHITE GRANDIFLORUS NARCISUS,
at $5.00 per 1000.
Cash with order.
Only a limited supply left so speak quickly.

J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

J. C. Robinson Seed Co.
Waterloo, Neb.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and
Pumpkin Seed; Sugar, Flint and Field
Seed Corns.

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas,
Growers for the Wholesale
Trade Only.

COLDWELL LAWN MOWERS
Hand,—Horse—Motor
Known All Over the World
Catalogue on Request.
NEWBURGH, N.Y.
BURPEE'S BLUE LIST FOR 1912

The most complete Catalog of Seeds for Florists and Market Gardeners will be ready for distribution, January First.

Burpee's Blue List is the title we have used for many years past for our Wholesale Price List for Florists and Market Gardeners. It is a book of 148 pages and contains all information necessary for either professional Florists or Market Gardeners to aid them in selecting varieties best adapted for their purpose.

As is well known we have for years maintained at FORDHOOK FARMS the largest trial grounds in America and our work there is now supplemented by trials of special varieties at our SUNNYBROOK FARM in southern New Jersey and our FLORADALE FARM in California.

If you are a customer of ours and entitled to Wholesale prices a copy of Burpee's Blue List for 1912 will be sent you as soon as published—but if you have never tried Burpee's Seeds and are seeking Quality Seeds you should write to-day requesting a copy of this most complete seed catalog for Florists and Market Gardeners.

W. ATLEE BURPEE & COMPANY

Specialists in Seeds

PHILADELPHIA, PA.
HORIETYCULURE

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS
Nurserymen and Florists, Rutherford, N. J.

HARDY NORTHERN GROWN NURSERY STOCK
WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS
A GENERAL ASSORTMENT OF
Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.

Our Illustrated and descriptive Catalogue for the asking

THE BAY STATE NURSERIES,
North Abington, Mass.

JOHN T. WITHERS, INC.
Landscape Architect and Forester
1 Montgomery St., JERSEY CITY, N. J.

Tree Renovation by Expert Operators.
Sobrecopion lectures on Horticulture and Arboriculture.

HOLLAND NURSERIES
Best Hardy Rhododendrons, Azaleas, Conifers, Clematis, H. P. Roses, Shrubs, and Herbaceous Plants.

P. OUWERKERK, 316 Jane St., Washington, D. C.; 42 St., N. Y.

Nursery Stock

FRUIT and ORNAMENTAL TREES, SHRUBS, SMALL FRUITS, CLEMATIS, EVERGREENS AND ROSES.

Write for Trade List.

W. & T. SMITH COMPANY, Geneva, N. Y.

Notes.

Albert McCullough, Cincinnati, has returned from his hunting trip to Florida.

Mitchell, S. D.—An office building 50 x 70 is being built by the Dakota Improved Seed Co. A warehouse 70 x 125 is in prospect for next year.

In the retirement of Thomas J. Grey, a well-known and popular member of the seed trade of Boston will be missed. Mr. Grey has withdrawn from active connection with the company which bears his name although he still retains his interest in the corporation. His home address is 19 Jefferson ave., Chelsea. We hope he will enjoy to the fullest extent his well earned rest.

The announcement is made under date of December 1, 1911, that Henry Nungesser has resigned as president of Henry Nungesser & Co., Hoboken, N. J., and New York City, and has disposed of his interest in the firm. Mr. Nungesser bespeaks for the company the same generous support extended by the trade in the past. The firm was established in 1874 and incorporated in 1599.

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE

HORIETYCULURE
Buyer's Directory and Ready Reference Guide

Advertisements under this head, one cent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Buyers failing to find what they want in this list will confer a favor by writing to us and we will try to put them in communication with reliable dealers.

ACCOUNTANT
R. J. Dyar, 28 State St., Boston
For page see List of Advertisers

ADANTEM HYBRIDUM
Red Rose Nurseries, Center Square, Pa.
For page see List of Advertisers

AMAROPIUS
Ampelopites Veitchii, 1-yr. plants, $3.00 per 100; $25.00 per 1000.
Wm. Eschricht Co., North Milwaukee, Wis.

ARACARIA
For page see List of Advertisers.

Goderich Anchman, 1012 Ontario St., Philadelphia.
For page see List of Advertisers.

ASPARGUS
Asparagus Pumaceous, extra fine 3-inch stuff, $2.00 per 100; $45.00 per 1000.
P. R. Fowble & Brother, Newtou's, Mass.
Asparagus plumosus seedling, clumps, sprays and roots. Write for prices. Peter Mack, Orlando, Fla.
Asparagus plumosus, 2½-in. pots, $3.00 per 100; $25.00 per 1000. Asparagus Sprenger, 2½-in. pots, $2.00 per 100; 4½-in. pots, heavy, $10.00 per 100.
Stoer & Harrison Co., Palinsville, Ohio.

ANTHELIUM
Antheleum Versicolor, strong plants. 3-in., 5-in. 10c. H. G. Norton, Perry, O.

AZALEAS
P. Quwcker, Hoboken, N. J.
For page see List of Advertisers.

For page see List of Advertisers.

Looencher & Co., New York, N. Y.
For page see List of Advertisers.

BAY TREES
For page see List of Advertisers.

Bobbin & Atkins, Rutherford, N. J.
For page see List of Advertisers.

Bay Trees and Box Trees, all sizes on New York City's special List.
Julius Roehrs Co., Rutherford, N. J.

BEDDING STOCK
A. N. Plierson, Inc., Cromwell, Conn.
For page see List of Advertisers.

BEGONIAS
For page see List of Advertisers.

Thomas Roland, Nahant, Mass.
Lorabell Begonias.
For page see List of Advertisers.

BOILERS
For page see List of Advertisers.

BOXWOOD TREES
For page see List of Advertisers.

Bobbin & Atkins, Rutherford, N. J.
For page see List of Advertisers.

Julius Roehrs Co., Rutherford, N. J.
Box Trees all sizes. Ask for special list.

BOXES—CUT FLOWER—FOLDING
Edwards Folding Box Co., Philadelphia.
For page see List of Advertisers.

Folded out flower boxes, the best made. Write for list.
Holtan & Hunkel Co., Milwaukee, Wis.

CHRYSANTHEMUMS
A. N. Plierson, Inc., Cromwell, Conn.
For page see List of Advertisers.

Eulmer D. Smith, Adrian, Mich.
For page see List of Advertisers.

M. Leuthy Co., 1811.
For page see List of Advertisers.

The Horticulturist's book on the Chrysanthemum mailed to your address for 50c., by Horticulture Publishing Co., 11 Hamilton Place, Boston.

Chrysanthemums, rooted cuttings, Monrovia, Ponsa, $12.00 per 100. Viola, 100, $50.00; 2500, $100. 1000, $200. Chas. Lenker, Freeport, L. I., N. Y.

CINNARIAS
Cinnarias, finest large-flowering dwarf hybrids in mixture established in the pots, at $1.00 per 100. Cash Russell Bros., Syracuse, N. Y.

CLEMATIS
Clematis paniculata, $7.00 per 100; $60.00 per 1000. H. G. Norton, Perry, O.

Clematis paniculata, 2 and 3-yar-old; also Herbaceous, Climbing and Jack, Dresper. Special price for fall delivery.

Parks & Schuelfleberger, Penfield, N. Y.

COCONUT FIBRE SOIL
For page see List of Advertisers.

CYCLAMENS
Cyclamen—Best Varieties in different colors, 6 inch pots, strong plants, $10.00 per 100, $80.00 per 1000. Julius Roehrs Company, Rutherford, N. J.

Large cyclamen, our own grown strain, selected from the very best and well built plants and flowers. Seed, $1.00 per 100, $10.00 per 1000; nearly all well set. August seedlings, $2.00 per 100; $18.00 per 1000. Plants, well set with buds, 4½-in., $15.00 and $25.00 per 100. Orders amounting to $50.00, 10 per cent off.

If any variety is not available, many letters we received from satisfied customers: B. R. Butler & Son, Niagara Falls, N. Y., say, "The plants are excellent, the finest we have ever had, and if the seed this year is of the same quality, we will be perfectly satisfied." Our aim has been to and we have been happy to supply our old and new customers, Cultural directions with every order. C. B. Harwick, Cyclamen Specialist, Delaware, O.

DAHLIAS
Herbert Acto, N. J.
For page see List of Advertisers.

R. Vincent Jr. & Sons Co., White Marsh, Md.
For page see List of Advertisers.

For page see List of Advertisers.

DAHLIAS NEW FOR 1911

Dahlias—2500 field clumps, latest varieties, cheap for cash; or what have you to exchange? Geo. H. Walter, Dahia Ex&. North Dighton, Mass.

EAST BRIDGEWATER DAHLIA FARMS
If you are looking for dahlias stock for your 1912 catalogue, send for free Trade List to the Dahia King, J. N. Alexander, East Bridgewater, Mass.

DECORATIVE PLANTS
For page see List of Advertisers.

For List of Advertisers See Page 848
In writing to Advertisers kindly mention Horticulture
SWEET PEAS—WINTER FLOWERING
R. E. Washburn, Northboro, Mass. For page see List of Advertisers.

SWEET PEA, Tin Container
E. F. Pease, 79 Market St., Holyoke, Mass. For page see List of Advertisers.

SWEET PEA, Tun Container
Frank B. Reilly, 121 W. 42nd St., New York, N. Y. For page see List of Advertisers.

SWEET PEA, Tin Container
J. M. Robinson & Co., 16 1/2 W. 23rd St., New York, N. Y. For page see List of Advertisers.
NEW OFFERS IN THIS ISSUE

ARTSTONE FLOWER VASES.
Patrick J. Gray, Brighton, Mass. For page see List of Advertisers.

AZALEAS, BEGNIAS, CYCLAMENS, PRIMROSES.
John McKenzie, North Cambridge, Mass. For page see List of Advertisers.

BERGER'S FUMIGATING KIND TOBACCO POWDER.
Interstate Tobaco Co., New York, N. Y. For page see List of Advertisers.

BODDINGTON QUALITY SEEDS FOR THE FLORIST.
Arthur T. Boddington, New York, N. Y. For page see List of Advertisers.

BOUVARDIA HUMBOLDTII.
John W. Poole, Reading, Mass. For page see List of Advertisers.

BURPEE'S BLUE LIST FOR 1912.

CARNATION WASHINGTON.
Chicago Carnation Co., Chicago, III. For page see List of Advertisers.

CHRISTMAS BLOOMING AND FOLIAGE PLANTS.
Anton Scholfield, College Point, N. Y. For page see List of Advertisers.

CHRISTMAS CUT FLOWER STOCK.
Chicago Flower Growers' Association, Chicago, Ill. For page see List of Advertisers.

CHRISTMAS FLOWER DELIVERIES.
Thomas F. Galvin, Inc., Boston, Mass. For page see List of Advertisers.

CHRISTMAS FLOWER AND FOLIAGE PLANTS.
Godfrey Achmann, Phila., Pa. For page see List of Advertisers.

CHRISTMAS FLOWERS.
Polheim Bros. Co., Chicago, III. For page see List of Advertisers.

CHRISTMAS HOLLY, BOXWOOD, IMMORTELLES, AND ALL CHRISTMAS SUPPLIES.
Henry M. Robinson Co., Boston, Mass. For page see List of Advertisers.

CHRISTMAS PLANTS.
Thomas Read, Nahant, Mass. For page see List of Advertisers.

CHRISTMAS PLANTS.
Woodrow & Marketes, New York, N. Y. For page see List of Advertisers.

CHRISTMAS POT PLANTS.
Truex, Chicago, III. For page see List of Advertisers.

CHRISTMAS SPECIALTIES IN CUT FLOWERS, GREENS, ETC.
N. F. McVeith, 131 C. Boston, Mass. For page see List of Advertisers.

CRAIG SPECIALTIES FOR CHRISTMAS.
Rorer, Craig Co., Phila., Pa. For page see List of Advertisers.

CUT FLOWER COMMISSION MERCHANTS.

CUT FLOWERS FOR CHRISTMAS.
Burpee Bros., Phila., Pa. For page see List of Advertisers.

FERNS, PALMS, STOVE AND GREENHOUSE PLANTS.
Geo. Witthold Co., Chicago, Ill. For page see List of Advertisers.

FLOWER DELIVERIES IN BOSTON.
Julius A. Zinn, Boston, Mass. For page see List of Advertisers.

GREENHOUSE CONSTRUCTION.
Foley Manufacturing Co., Chicago, Ill. For page see List of Advertisers.

HEADQUARTERS FOR ORCHIDS AND FANCY FLOWER SPECIALTIES.
James McNamara, New York, N. Y. For page see List of Advertisers.

HOLIDAY FLOWERS AND SUPPLIES FOR FLORISTS.
Welch Bros., Boston, Mass. For page see List of Advertisers.

HOLIDAY PLANTS.
Julius Heutchon, Chicago, Ill. For page see List of Advertisers.

HOLIDAY ROSES AND OTHER CUT FLOWERS.
M. C. Ford, New York, N. Y. For page see List of Advertisers.

MAGNOLIA LEAVES.

MARECHAL NIEL ROSE BUDS WANTED.
H. R. Conboy, Boston, Mass. For page see List of Advertisers.

MONEY-MAKING PROPOSITIONS.
A. Roller & Sons, New York, N. Y. For page see List of Advertisers.

NEW AND RARE CHINESE PLANTS AND LILIES.

NEW CARNATION "BENOIRA."
Peter Fisher, Hills, Mass. For page see List of Advertisers.

NEW YELLOW ROSE LADY HILLINGDON.
Wadsworth Rose Conservatories, N. York, Mass. For page see List of Advertisers.

PLANT POTS AND PEDESTALS.
Jones, McInturff & Stratton, Boston, Mass. For page see List of Advertisers.

POT PLANTS WANTED.
H. V. Tripel, New York, N. Y. For page see List of Advertisers.

ROOTED ROSE CUTTINGS.
McKinney & Watson, Chicago, Ill. For page see List of Advertisers.

ROSES FOR THE CHRISTMAS HOLIDAYS.
Leo Sheen Co., Phila., Pa. For page see List of Advertisers.

ROSES ORIGINATED BY JACKSON DAWSON.
Eastern Nurseries, Radnor, Pa. For page see List of Advertisers.

SEEDS FOR THE FLORIST.
Butter, Bisco, Rawson Co., Boston, Mass. For page see List of Advertisers.

SMILAX, ASPARAGUS, ETC.
Philip G. Kessler, New York, N. Y. For page see List of Advertisers.

SOME VALUABLE ROSES FOR 1912.

SPECIAL HOLIDAY LILACS, ETC.
Win. F. Ford, New York, N. Y. For page see List of Advertisers.

SPECIAL HOLIDAY OFFER OF ARAUCARIAS.
Henry A. Dree, Phila., Pa. For page see List of Advertisers.

SPECIAL TO THE SEED TRADE.
Fox Hall Farm, Norfolk, Va. For page see List of Advertisers.

TRUE IRISH SHAMROCK.

WHOLESALE FIELD AND GARDEN SEEDS.
J. Pilon & Son, Baltimore, Md. For page see List of Advertisers.

WHOLESALE FLOWER COMMISSION HOUSE.
P. J. Smith & Son, Phila., N. Y. For page see List of Advertisers.

WANTS, FOR SALE, ETC.
Advertisements in this column one cent a word. Initials count as words. Cash with order. All correspondence addressed "care HORTICULTURE" should be sent to 11 Hamilton Place, Boston.

HELP WANTED
WANTED—Experienced all round man, able to handle single violets. Address, E. Dingman, Five St., Dedham, Mass.

SITUATIONS WANTED
SITUATION WANTED in Massachusetts by an all around florist of over 25 years experience, Rosé grower, a realist. Capable of taking full charge. Now in charge of large rose growing establishment. Responsible and permanent position desired. Address, A. H., care HORTICULTURE.

SITUATION WANTED by all round man, long experience in Europe and America, willing to undertake all branches of the trade. Address, H. L., care HORTICULTURE.

FOR SALE
FOR SALE—Summer Street Conservatories. Two practically new, wooden-frame greenhouses, one filled with first-class stock of plants, the other with 'boarding' forms and palms. Also two be included in sale. Large room single story, thick frame, equally suitable for boarders or roomers. Large room three horses, carriages, etc. Price $250. Situated on Sewall Street, Watertown, Mass. Six minutes from steam and electric cars. For further particulars apply to John T. Howell, 129 Summer St., Watertown, Mass. Phone N N 253.

FOR SALE—Fresh from factory, new 1912, 24 x 18 x 10. 24 inches high. A and B qualities. Market dropped. Now is the time to buy and save money. Parke, Davis & Co., Inc., 205-217 Haven St., Brooklyn, N. Y.

MISCELLANEOUS
WANTED TO RENT—Greenhouses, 12,-000 ft. or more, with some land, in New England States. Will pay cash for stock or would buy a good piece on easy terms. Address, Florist, Box 50, Tynesboro, Mass.
GREEN FLIES AND BLACK ONES TOO

Are Easy to Kill with

Berger's Fumigating Kind Tobacco Powder

$2.00 per bag of 100 lbs. Also, Tobacco Stems, 50 cents per 100 lbs.

INTERSTATE TOBACCO COMPANY

713 FIRST AVENUE, NEW YORK

Please mention Horticulture when writing.

Aphine

The Insecticide that Kills plant Lice of every species.

Destroys green, black, white fly, thrips, red spider, mealy bug, scale and all plant sucking insects. An excellent cleanser for decorative stock.

$2.50 per gallon, $1.00 per quart.

U. S. AND CANADA.

Fungine

Has no equal for destroying mildew, rust and other plant fungi.

Fungine will cure blight and is proving an excellent remedy for the protection of cuttings and young stock against the various blights.

$2.00 per gallon, 75c. per quart.

U. S. AND CANADA.

For sale by seedsmen.

MANUFACTURED BY

APHINE MANUFACTURING COMPANY

MADISON, N. J.

PLANT FOOD

Made into tablets—one of which to one quart of water makes the best plant food ever analyzed by the Massachusetts Experimental Station. Ask for sample by mail. Domestic size mailed anywhere for 50c, containing about 200 tablets.

Dealers will find this the most satisfactory household package.

Eastern Chemical Co.

BOSTON, MASS.

To-Bak-lne Products Kill Bugs

You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free.)

Use any form you choose but buy it of

E. H. HUNT, 131 N. Wabash Avenue, Chicago

Kilmdead

The best of all the tobacco dusts for

Dusting or Fumigating

Cattle Manure in Bags

Shredded or Pulverized

Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

WIZARD

BRAND

MANURES

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for operations and for liquid top-dressing. Unexcelled for all field crops.

The Pulverized Manure Company

31 Union Stock Yard

Chicago

Wilson Plant Oil & Fertilizer Company

ELIZABETH, N. J.

Horticultural Supplies

Write for our special Catalogue "C"

Cocoanut Fibre Soil

is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

20th CENTURY PLANT FOOD CO.,

37 Ocean St., Beverly Mass.
List of Advertisers

Horticulture

1000 READY PACKED CRATES
STANDARD FLOWER POTS AND BULB PANS

Price per crate:
- 2000 $4.75
- 1000 $5.25

HILFIGER BROS., Pottery, Fort Edward, N.Y.
August Rector & Sons, 31 Barcy St., N.Y. City, Agents.

Syracuse Red Pots

"A little pot is soon hot," likewise a thin pot. This will save you fuel. Our pots are the soundest and toughest owing to the superior quality of the clay.

New price list on application.

Syracuse Pottery Co., SYRACUSE, N.Y.

STANDARD FLOWER POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.

W. H. ERNEST
28th & M Sts., Washington, D. C.

ALL THE CLAY

Florists' Red Pots is prepared by passing through 100-mesh to the square inch. If in a hurry for pots, order from us.

IMPRINTED RED POTTY CO.
Jamestown, Oie.

In ordering please add "I saw it in HORTICULTURE."

DREER'S
Florist Specialties. New Brand. New Style. House "HEWARTOON" Furnished in lengths up to 500 ft. without seams or seams. The RS for the FLOMBT is 2 ft. wide. Reel of 500 ft., 14 ft.; each 10 ft., 5.25. Prices, 12 ft., 7.50.


Rubber Stamps, Stencils

Seals, Steel Stamps, Hotel Baggage and Key Checks, Baggard, Horsing Brand, Pew Numbers, Numbering Machines, Check Protectors, Street Combining, Steel Alphabeta and Figures, Indelible Inks, Starch Guns, Carneen, Door Plates, Rubber Type. Illustrated Catalogue of nearly 100 pages sent with first order or upon receipt of 5 two-cent stamps. Agents wanted.

THE REM COMPANY, Harrisburg, Pa.
NO! Horticulture's policies and reading columns are not under dictation or sway of any individual or firm, whether advertiser or not.

NO! Horticulture's circulation is not "largely" or "mainly" confined to any one minor class of the horticultural interests.

Don't base your opinion as to Horticulture's subscription list or its field or its principles upon the smug insinuations or suggestions of parties with whom "the wish is father to the thought."

If you want to know, ASK US!

In writing to Advertisers kindly mention Horticulture
REAL COMPETITION

That's what you will enjoy—the other condition must have grated on your nerves—no need of nerve tonic this coming year, we will make it possible for you to buy the very best up-to-date greenhouses at right prices. Not something for nothing but real full value for what you pay. Any kind of Greenhouses from a full steel frame structure down to an unexcelled all wood house—freight equalized with all Eastern manufacturing points.

Our Greenhouse Construction
Naturally Needs No Boosting, it is the Very Best

THE FOLEY MANUFACTURING CO.
26th and Western Avenue, CHICAGO, ILL.
D. T. CONNOR, Sales Agent, 5024 Pine Street, Philadelphia Office

RESULTS
THAT IS WHAT YOU WANT
KING GREENHOUSES BRING RESULTS

BECAUSE EVERYTHING TO THAT END HAS BEEN CONSIDERED AND THE GROWER HAS HIS TIME TO DEVOTE TO GROWING THINGS.

LET US FIGURE WITH YOU ON YOUR GREENHOUSE PROJECT
WE WILL SEND YOU BULLETINS AND QUESTION BLANKS TO EXPRESS YOUR REQUIREMENTS ON.

King Construction Co.
Home Office and Factory
NORTH TONAWANDA, N. Y.
Eastern Sales Office
No. 1 MADISON GARDENS, N. Y.
Get This Loose Leaf Book Now—We Send it Free

From these pages shown you would think if a book on boilers was more than that—let more. It's a Florists Supply Book of greenhouse materials. The first half is devoted to greenhouse heating. Not just boilers, pipes and fittings, but pages of useful information such as you have wanted time and time again.

There are 64 pages in the book now, but it's made up loose leaf fashion, and we are going to add at least another 64 before it's completed—maybe more. It works like this. We send you the book of 64 pages now; and then every once in a while perhaps arrests we will mail you additional pages as ready for putting right in the book. All you have to do is, simply turn back a couple of fasteners and in the pages go. Every time we get out a new thing of importance we will promptly print up some pages about it and mail them to you.

You can see that such a book will be invaluable to you, because it can always be kept right up to date.

Send for a copy right now, while it's on your mind. Don't put it off till tomorrow, for day after tomorrow you may need it badly.

Hitchings & Co. Write to, Or Call at Our General Offices
New York Office—1170 Broadway

The Importance of This Reason Book

Before talking about the Reason Booklet itself, let us first ask you a question or two:

When you buy anything of importance involving the expenditure of several hundred or thousands of dollars, do you rely entirely on your own individual information, and go right out and buy it? or course you don't.

In making your final decision, are you not strongly influenced by the opinion of some one who has already bought—and is satisfied? Doesn't the fact that this or that person, company or institution of prominence has put their stamp of approval on it, carry a good deal of weight with you?

U-BAR GREENHOUSES PIERSON U-BAR CO
ONE MADISON AVE., NEW YORK
CANADIAN OFFICE, 10 PHILIPS PLACE, MONTREAL
Beyond All Doubt Here is the House That Stops All Argument About Durability, Safety and Lightness

A COMPLETE iron frame, completely supported with the required number of columns to take from the ridge and eaves the tremendous strain of roof weight, and wind and snow pressure.

The greenhouse engineers who designed it, first made sure it was strong enough, then they made it light enough.

It is the Sectional Iron Frame Construction, which is not the cheapest house you can build, but it costs what is necessary to make it, safe and sure.

We have several other photos of this house we would like to have you see. If interested, write and let us know.

LORD & BURNHAM COMPANY
FACTORIES: IRVINGTON, N.Y., DES PLAINES, ILL.

NEW YORK  BOSTON  PHILADELPHIA  CHICAGO
St. James Building  Tremont Building  Franklin Bank Building  Rookery Building
Joseph A. Manda
President-elect New York Florists' Club.

DEVELOD TO THE
FLORIST, PLANTSMAN, LANDSCAPE GARDENER AND KINDRED INTERESTS
Published Every Saturday at 11 Hamilton Place, Boston, Mass.
Subscription, $1.00 per Year
"IT'S RICE FOR QUALITY AND PRICE"

NOT TOO LATE FOR CHRISTMAS ORDERS

Owing to our exceptionally fine facilities for shipping goods in a hurry, it is not too late to fill rush orders. Send them along—we are prepared to get them off to you immediately. Use a day or night telegram, night letter, or phone—we will respond like chain lightning.

You get the finest quality, greatest value, best attention and quickest service buying from

M. RICE & CO. 1220 Race Street PHILADELPHIA, PA.

THE LEADING FLORISTS' SUPPLY HOUSE AND RIBBON SPECIALISTS

We Are BOOKING ORDERS NOW FOR CHRISTMAS DELIVERY!

Following is a partial list of first-class blooming and foliage plants, which we offer as usual, at very reasonable prices.

AZALEAS, HS.2—Mine, Patrick, 1 in. to 6 in., pots, $5.00 to $12.00 a doz.; 6 in. and 7 in., 5 for $10.00 and $12.00 a doz.; 8 in., $12.00 to $18.00 each. *Vervaeneana, 5 in. to 7 in., $5.00 each; 7 in. to 9 in., $7.00 to $15.00 each. *Mariner, 5 in. to 8 in., from $4.00 each; 9 in., $1.00 and $3.00 each.

PYRAMIDS—Mariner and Vervaeneana in 7 to 9 in., pots, $1.00 to $4.00 each. *Milet, Anne Gaskel, Vervaeneana Alba and Deutsche Perle, $3.00 and $6.00 each.

FANS—$5.00 and $10.00 each.

COLEUS—*Bohemia, $3.00 to $6.00 each.

CAMELLIAS—6 to 7 in., pots, $1.50 to $5.00 each.

CYCLAMEN—*Finest ever offered, $9.00 each, to $15.00 each.

ERICA MELANDRICA—All sizes from 6 in. to 9 in., pots, $2.00 to $5.00 each.

ORIGANUM—Well rooted in 3 in. half-pots, $5.00 and $12.00 a doz.

PIONETTIAS—Single stem, $3.00 to $5.00 a doz.; 1 in. to 6 in., $12.00 a doz.; 5 in. to 7 in., pots, $15.00 and $18.00 a doz.; 6 in. to 8 in., pots, $18.00 a doz.; 7 in. to 8 in., $20.00 to $30.00 each.

JEVISALE CHEIRIDES—Very heavily fruited, extra fine, $9.00 and $12.00 a dozen.

DRAKEA TERMINALIS—$6.00 to $15.00 a doz.; Fragrans, $6.00 to $12.00 a doz.

CROTONS—From 3 in. at $2.00 a doz. up to 6 in. at $3.95 each.

PANDANUS VELUTINI—$6.00 to $12.00 a doz.

PHOENIX ROEBELENII—$5.00, pots, $7.00 and $9.00 a doz.; 7 in. pots, $12.00 to $20.00 each.

ARACARIA EXCELSA—50c. to $2.50 each; Giana, $2.00 to $3.00; Robusta, $1.50 to $3.00.

FICUS PLASTICA—6 in. pots, $8.00 a doz.

KENTIA HELMOREANA and FORSTERIANA—Single plants, $4.50 to $10.00 each; combination, $10.00 to $14.00 each.

FERNS—Boston, 6 in. to 9 in., pots, 50c. to $3.00 each; Scotti, 6 in. to 12 in., $1.00 to $5.00 each; Scholfield, 12 in. tubs, $5.00 and $8.00 each.
GERANIUMS

SPECIAL OFFER.—We will send 1000, 50 each, 20 varieties, our selection from 2 inch pots for $18.50; from 3 inch pots for $25.00.

2-1n. per 100 3-ln. per 100

Standard Varieties $2.00 $3.00 Hardy English Ivy 2-1n. per 100 3-ln. per 100

Ivy leaved and scented 2.00 3.00 Petunias, Double Mixed 2.00 3.00

Silver leaf Nutt. Mt. of Snow, 3.00 4.00 Verbenas, Red, White, Blue and Variegated 2.00 3.00

Mrs. Pollock

Novelties (all the best listed in our catalogue).

Lobelia Kathleen Mallard 2.00

Swainsona Alba 2.00 3.00

R. VINCENT, JR., & SONS CO., White Marsh, Md.

THE NEW
CARNATION

BROOKLYN

A Re-Incarnation of the old William Scott, but embodying additional and more important qualities.

The New “Helen” Pink


TO BE DISSEMINATED 1911-1912

Rooted Cuttings, ready December 15th—$2 per 100; $10 per 500; 250 at 10% rate.

CHARLES WEBER, Grower
LYNNBOURNE, LONG ISLAND, NEW YORK

R. G. WILSON
Fulton St. and Greene Ave., BROOKLYN, NEW YORK

CHARLES H. TOTTY
MASS., NEW JERSEY

Private Gardeners and Florists Should All Give My NEW CARNATION

BENORA

A TRIAL

NOW is the time to place your order. Write for descriptive circular. Cultural directions with each shipment.

$3 per Dozen $12 per 100 $100 per 1000

PETER FISHER, Ellis, Mass.

CARNATIONS

F. DORNER & SONS CO.
LA FAYETTE, IND.

Chicago Carnation Co.
30 E. Randolph St.
CHICAGO - ILLINOIS

CHRYSANTHEMUMS

We are booking orders for early delivery of all the best Commercial and Exhibition varieties, either new or old. When in need remember we make Chrysanthemums a specialty.

ELMER D. SMITH & CO.
Adrian, Mich.

SWEET PEAS

Florence Denzer, Watchung, Mrs. J. Dolanski, Black Watch, Mrs. C. H. Totty, Miss Jeode Riley, Greenbrook, Mrs. Alex. Walsh, white; flowering, several plants to the pot, $3.00 per 100 pots. Cash Please.

R. E. WADSWORTH
Northboro, Mass.

In ordering goods please add “I saw it in HORTICULTURE.”

CARNATIONS

ROOTED CUTTINGS

Beacon, Crimson Beauty, $1.50
Duchess, White Enchantment, Winnor . . . . . . . . . 3.00 $2.50
Lady Beautiful, Var. Lawson . . . . . . . . . 2.50 1.00

CHRYSANTHEMUMS

ROOTED CUTTINGS

Fifty fine commercial varieties, $1.50 and $2.00 per 100; $25.00 per 1000.

CANNAS

Thirty fine varieties, Dormant tubers.

Send for list of varieties and prices.

Wood Brothers
FISHKILL, N. Y.

CHARGE H. TOTTY
Wholesale Florist
Chrysanthemum Novelties My Specialty
Madison, N. J.

LORAINE BEGONIAS

Strong 2½ in. stock, ready for 3¼ in.
Per 100, $12.00; 250 at $14.00 per 100.

ROEHRS
Azaleas, Palms, Lorraines, Crotons
Nahant, Mass.

R. H. WADSWORTH
Northboro, Mass.

In ordering goods please add “I saw it in HORTICULTURE.”

NO BETTER FERNS

Are to be found than those we now offer. They are well grown, full and bushy, the best varieties, price 50c per hundred. Dracaena Sanfor, variegated white and green, an ideal center plant, prime stock, 25c per dozen, $3.50 per hundred. We use great care in packing, and have scores of regular customers throughout the South and East. May we send you a sample shipment?

Cash please or satisfactory references.

R. G. HANFORD, Norwalk, Connecticut
BURPEE'S ANNUAL FOR 1912

"The Leading American Seed Catalog"

Is now ready for mailing. The first edition of more than four hundred thousand copies will soon be distributed. As usual it is sent unsolicited only to "Customers of Record." We shall be pleased, however, to mail a copy immediately upon application (a postal card will do) to every one who appreciates QUALITY IN SEEDS.

This SILENT SALES MAN (and we employ no "talking" salesmen to solicit orders) tells the plain truth about The Best Seeds That Can Be Grown. It is a bright book of 178 pages and shows, besides colored plates of Burpee-Specialties, hundreds of the choicest vegetables and most beautiful flowers, illustrated from photographs. It is almost indispensable to all who garden either for pleasure or profit.

The "HOUSE OF BURPEE," is known the world over not only as EXPERTS IN SWEET PEAS but also as SEED SPECIALISTS. No other American firm has ever introduced so many novelties of sterling value,— and no other growers supply seeds annually direct to so many planters. It might be to your interest to read THE BURPEE ANNUAL. It will cost you only one cent for a post-card to send us your address— and you are under no obligation to buy. We never annoy applicants with "follow up" letters!

Shall we mail you a copy? If so, kindly WRITE TO-DAY.

Burpee's Blue List for 1912

The most complete catalog published for MARKET GARDENERS, TRUCKERS and FLORISTS. For the planter who " knows" it contains complete lists of all that is best in vegetables and flowers, while the grower who is uncertain as to the best varieties suited for his purpose may be guided by the bull's-eye • placed after what is known to be best. In addition full descriptions are given of many new and most valuable varieties.

BURPEE'S BLUE LIST FOR 1912 contains 146 pages with hundreds of half-tone and engraved illustrations. Within the pages of this catalog we have condensed an experience of thirty-five years both in handling and the actual growing of seeds.

If you garden for profit (that is, sell your products in the market) you are entitled to a copy of this complete and easily understood catalog, but if you are a private planter please do not ask for it, as we must protect the Market Gardener. Trucker and Florist.

W. ATLEE BURPEE & CO.

Burpee Buildings PHILADELPHIA

The World's Largest Mail-Order Seed House.
Fruits and Vegetables Under Glass

NEW JERSEY ORANGES

The accompanying pictures give only a faint idea of the magnificence and beauty of an orange house at this time of year, the ever-green foliage contrasting so well with the golden fruit as it hangs in great clusters. The pictures were taken two weeks ago in the orangerie at Duke’s Park. This house measuring 25 by 75 feet might be rightly termed the California of New Jersey. The older trees are planted out in borders and the intervening spaces taken up with trees in square tubs—one of which we illustrate—which are easily transferred to wherever needed for house decorations. The cluster—and there are many such through the house—is growing on one of the trees planted out. Owing to the quantity of fruit which keeps the branches low, it has been difficult to show the whole crop of one tree in a small picture. For a private place which is seeking novelty and a picturesque house there is nothing to beat an orangerie. The moderate temperature makes it an ideal spot at all times of the year.

The fragrance of the flowers needs no commendation and as soon as these pass over there is the crop of wee small oranges to develop into the golden harvest of the late fall and winter, which makes a pleasing feast for the eyes as well as the mouth, right over Christmas.

POSITION OF FRUIT HOUSES AND THEIR VENTILATORS

The position and construction of fruit houses plays no small part in the quality of results obtained from the trees. During recent years a great change has been made in constructing a peach house. Now, we find trees growing on a trellis stretched across the house instead of in the old way of running on an overhead trellis a short distance from the glass. This method is a vast improvement on its predecessor, inasmuch as more fruit can be gathered from a house, the trees are more easily kept clean,—being more accessible with the hose,—the borders feel the heat of the sun and the air can pass in and around the trees more freely. It will be readily seen that a house such as the foregoing must run from east to west, with the trellis across it at right angles. For an early house a lean-to has much to recommend it; in the first place it is sheltered from the north wind, secondly it gets all the sun possible during the first months of the year—an essential point. Trees planted the reverse way are shading each other a little until the sun gets high. Similar houses will suit figs. Vineries can be built on either course, but if from east to west a lean-to or 35 span is only possible.

A far more imposing house is the even-span roof. Nothing looks better to the eye than a good crop of grapes hanging in a span-roof house where you can walk along underneath them. It is essential that this range run from north to south, giving both sides an even amount of sun. Ventilation will be on both sides, top and bottom and, during the trying spring months with warm sunshine and cold winds, the advantages of having the air just where you want it will be demonstrated.

No fruit house should be built without bottom ventilation. Some plant houses do not require side air, but with fruit houses there is a vast difference. In the first place all fruit needs as much fresh air as it can get during the hot weather; when late crops are swelling, with no side air burning and scalding will be easier; after the fruit is finished and the houses need to be kept as cool as possible you cannot bring a house down to outside temperature without side air. Again, early houses which you are desirous of starting as soon as possible do not catch the first light frosts, consequently the trees are kept growing longer, and lastly very late houses—vineries to have fruit hanging at Christmas—are unduly heated up with the spring sun before they are wanted to start and you cannot keep the vines dormant as long as would be possible with side air. All this goes to show the advantage of houses having side-air over those minus it.

I do not wish to say it is impossible to grow fruit in houses without side air, but I do say it is unpractical to build houses expressly for growing fruit without it.

MAKING A PEACH BORDER

Making a peach border differs little from making a vine border. The root confinement is of equal importance, as a peach tree if left to itself will make a quantity of strong worthless wood year after year. It is seldom we find flower buds on this strong wood, on the contrary it is on the weaker wood where the flower buds are located. The position of the house and trellis must
determine if the border should be made up at once; in a lean-to house a portion can be made each year, but with cross trellises, no provision for this can be made. Proceed as with a vine border until it comes to mixing the soil. A peach does not require nearly so rich a soil as the vine, but it must be porous. To every fifteen loads of loam add one of broken bricks (these should be broken into pieces about as large as your fist) and four or five bags of charcoal. No stimulants will be needed. Mix the soil thoroughly and when making it up press it firm.

**MELONS**

Melons sown December 1st will soon be ready to plant out and the bed should be prepared for them. Half-decayed loam, with a good percentage of mortar rubble or old plaster broken up small and mixed in with it will be found to suit them all right. A mistake is often made in giving melons too much soil to grow in. A surprisingly small quantity is all they require. With this small quantity canker and stem-rot seem to be less prevalent than where they have so much to ramble in. A bed 5 by 16 inches is quite enough for them. Break the loam into fair-sized lumps and make the bed quite firm. A melon seems to enjoy a good hard soil and there is less superfluous growth than when planted in loose soil. A good set seems easier to obtain and the benches drying out quickly will help to improve the flavor of the fruit. After making the foundation of the bed leave little mounds of soil in which to plant the seedlings, two feet apart.

---

**White Phloxes**

To emphasize the importance of phloxes in floral outdoor displays would mean an attempt to impose on the patience of the intelligent readers of *Horticulture*. As a matter of fact, the coming into flower of the phloxes is a characteristic feature in the mid-summer aspect of any modern garden. Without it the total picture would lack in color-brilliancy. We should, at once, miss that certain warmth of tone which only a mass of upright panicles of phloxes can create. Worldwide popularity first brought about an overabundance of variety. With the growing refinements of taste in color combinations and the subsequent preference for clear tints the discarding of shades of doubtful merit became an urgent necessity for up-to-date growers. It also meant to keep an eye on the size of the individual flower as well as the build of the panicles, not to forget the resistance of foliage to mildew and other diseases.

According to my observations, the lighter shades at present outclass the darker ones in demand, with pure white leading. White is neutral; that is, it does not clash with any color when coming in contact. Being principally planted for garden display it is a very easy matter to place white phloxes. The standard varieties now possess that noble purity which, for near and distant effects, is of a wonderful strength.

Phloxes, on account of their habit of soon beginning to shed some of their blossoms are as a rule not considered very seriously for cutting. Nevertheless during the month of August, with by no means an oversupply of white in the garden, the long-stemmed panicles of the best white varieties in many instances prove quite acceptable. This without doubt further explains their preponderance in public favor.

In the suffruticosa class Miss Lingard is still in the lead. Although not a pure white, the pale pinkish eye never detracts from its meriting first rank in the early-flowering whites. Being nearly a perpetual bloomer its glossy foliage, free-flowering habit, and the large size of its masses of conically formed trusses are qualities which speak loud and convincing.

There are quite a number of pure whites listed within the paniculata section. Of the tall growing ones Frl. von Lassburg and Mrs. Jenkins can be safely recommended as the best in cultivation. Of the dwarf-growing ones Diadem, late flowering, and—as a novelty well spoken of here and abroad—Fran Anton Buchner, mid-season, should be considered first. Both are excellent for bordering purposes.
Seasonable Notes on Culture of Florists' Stock

CARE OF CALCEOLARIAS FROM NOW ON-

Don't run these plants too high for they are positively injured by being kept in too warm a temperature. From now 45 degrees at night should be the limit and where you want to retard them they should be kept in a very cool house—say three or four degrees above the freezing point. At this cool stage they should be held a little on the dry side, but yet with enough moisture at the roots to keep them sprightly and fresh. Those that are kept growing on in a temperature of 40 or 45 degrees should be allowed room to develop their foliage. Give them plenty of air daily when possible. It is advisable to keep them shifted from time to time until their flowering size is reached. These plants are very particular about drainage so always be sure to have a good layer of broken crocks in the bottom of every pot. Give them a loam that is left lumpy four parts, well rotted cow manure one part, leaf mold one part, and sharp sand enough to keep the mixture porous and mellow. Keep them rid of fly by light fumigations done often, which is more effective than infrequent heavy doses.

FORCING EARLY NARCISSI

The earliest planted bulbs of this ideal winter flowering bulb that were brought in and put under a bench in a cool house three or four weeks ago should by this time have filled their flats with lots of roots. To have the first lot prove a success be sure that they have a good root growth first, otherwise the attempt will be a failure. They will stand a strong heat when well rooted; anywhere from 75 to 80 degrees will not harm them. In forcing narcissi for January flowering they will need to be well-shaded so as to draw up the flower stem for two or three weeks; then remove the shading a little at a time until they have full sun. Remember that they will require frequent waterings when they are kept in a high temperature.

GLOXINIAS FOR SPRING FLOWERING

Where nice flowering plants are wanted for the months of April and May a batch of bulbs should be started now and another can be started in about a month; this will give a much longer period of flowering. The best way of starting these corns is to place them quite close together in flats in a compost of leaf mold and sand and then give enough of water just to moisten the soil thoroughly: be careful not to give too much until the bulbs have made some growth. As these plants are essentially tropical they should have a night temperature of from 60 to 65 degrees. When they have made a little top growth and some nice roots they can be potted off into 4-inch pots in a compost of fibrous loam three parts, cow manure and leaf mold each one part. When they have filled these pots with roots they should be shifted into their flowering pots, with good drainage. If seed is sown now and grown on they will make nice flowering plants by next August.

INCREASING YOUR FERN STOCK

All florists who grow a certain amount of their fern stock should make preparation now to increase it—by division where possible or by sowing the spores. All ferns that have creeping rhizomes or stolons can be multiplied into young stock. All such forms as Adiantum, Davallias, Nephrolepis, Polypodiums, etc., can be propagated by division. Break them up large enough so they will retain quite a few roots and then place close together in flats or pans in a compost of half leaf mold and half sand. There is no better place for these flats or pans than a warm propagating bench where they will not be subjected to any dry or cold currents of air. Keep the atmosphere of the frame moist and maintain a temperature of from 65 to 70 degrees and they will soon begin to make new fronds and roots, after which they can be potted up in any good porous soil. When they begin to make roots in their pots they should have a temperature of about 60 degrees at night. All this young stock should have a house or bench where they can have plenty of light without too much direct sun. Spores can be sown now at any time. Seedling ferns will need a lot of care at this season. When they are large enough they should be pricked off into other pans or flats; those that are large enough can be potted and placed in a temperature of about 60 degrees at night well up to the glass; otherwise the growth will be long and weak.

FUCHSIAS

To obtain nice bushy plants of good size bring in some of your stock plants and shorten them back to firm ripe wood. They should be shaken out and repotted into good fresh loam and given a bench in a house where they will get lots of sunshine with a night temperature of from 55 to 60 degrees. It will be necessary to give them an overhead spraying daily to soften up the buds, make them break well and start off into nice sturdy growths. When they have made young shoots from two to three inches long these should be taken off and inserted in a propagating bed that stands at 65 degrees bottom heat with a temperature overhead of about 55 degrees. When rooted they can be potted into 2½ or 3-inch pots using any good turfy loam broken up fine, three parts, well rotted manure and leaf mold one part each. They should be potted quite firm, but not hard. When they are established they will need abundance of water and daily spryings with 50 or 55 degrees at night.

LILIES INTENDED FOR EASTER

Go over your lilies intended for Easter and select the most forward for there is a big difference in their growth. While some will have made a growth of a couple of inches others will not be showing at all. All those that have a top growth should be immediately placed in a house where they will get plenty of light and about 50 degrees at night until they get well supplied with roots. Do the watering of these with care, giving just enough to keep the soil in a moist condition. By the end of this month they can all be brought in and placed on benches in the above temperature so as to get a start.

John J. M. Farrell

Mr. Farrell's next notes will be on the following: Acasias; Cypripediums; Palms during Winter; Dracaenas; Getting Ready for Grafting Roses; Forcing Tulips.
Horticulture Publishing Co.
11 Hamilton Place, Boston, Mass.

Telephone, Oxford 292.
Wm. J. Stewart, Editor and Manager.

SUBSCRIPTION
One Year, in advance, $1.00; To Foreign Countries, $2.50; To Canada, $1.50.

ADVERTISING RATES
Per line, 20 inches to page...$1.00
Discounts on consecutives, as follows:
One month (4 times), 5 per cent.; three months (13 times), 10 per cent.; six months (26 times), 15 per cent.; one year (52 times), 20 per cent.
Page and half-page space, special rates on application.

Entered as second-class matter December 8, 1904, at the Post Office at

CONTENTS
Page
COVER ILLUSTRATION—Joseph Amada, President-elect New York Florists’ Club. 857
FRUITS AND VEGETABLES UNDER GLASS—Jersey Orange. Position of Fruit Houses and Their Ventilation—Making a Peach Border—Melons—George H. Preston. Illustrated. 857
WHITE PHLOXES—Richard Roth. Illustrated. 858
SEASONABLE NEWS ON CULTURE OF FLORISTS’ STOCK—Care of Cuculcantes from Now On—Forcing Early Narcissus—Gladiolus for Spring Flowering—Increasing Your Fern Stock—Pachys—Lilies Intended for Easter—John J. M. Farrell. 859
THE COMING HORTicultural AND CARNATION CONVENTION AT DETROIT—A. F. Watson. 861
NATIONAL FLOWER SHOW OF 1912. 861
ROYAL INTERNATIONAL HORTICULTURAL EXHIBITION 1912. 861
OF INTEREST TO RETAIL FLORISTS:
Steamer Departures. 872
New Flower Stores—Flowers by Telegraph. 873
FLOWER MARKET REPORTS:
Boston, Buffalo, Chicago, Cincinnati. 875
Detroit, Providence, St. Louis, Washington. 877
New York, Philadelphia. 879
DURING RECESS—New York Bowlers. 884
CLUBS AND SOCIETIES:
Westchester and Fairfield Horticultural Society—New Jersey Horticultural Society—Elberon Horticultural Society—Pittsburgh Florists’ and Gardeners’ Club—Newport Horticultural Society, Andrew Meikle, portrait—Lexon Horticultural Society—New York and New Jersey Association of Plant Growers, Illustrated. 862
Connecticut Horticultural Society—New York Florists’ Club, John Young, secretary, portrait; W. C. Rickards, Jr., treasurer, portrait—Joseph A. Manda.
Chicago Florists’ Club—Paris Chrysanthemum Committee. 863
Club and Society Notes. 866
OBITUARY—James Douglas—Sir Joseph Hooker. 866
Meta Phillips Landreth. 866
SEED TRADE—A Seedman’s Favourite “Pure Seed” Bill Introduced—Notes. 870
MISCELLANEOUS:
Good Service Recognized. 861
Catalogues Received. 870
Incorporated. 870
Chicago Notes. 874
Personal. 874
News Notes. 874
New York State College of Agriculture. 835
Publications Received. 853
Patents Granted. 886
 DirectoryInfo. 886
Fire Record. 886

As we near the holidays the hustle and bustle increases and will intensify with each day that passes. He who makes ready early and starts "ahead of the game" will be likely to finish in life manner. What can give greater comfort and satisfaction after it is all over than the consciousness that everything has been done in order, every obligation promptly met, every little detail carefully carried out and every customer pleased? The enjoyment of all this is not possible, except by deliberately thinking it out well beforehand and then by the systematic and thorough doing ahead of everything that can possibly be made to contribute towards the final realization. The right material—enough of it, in the right place and put to profitable use by the right person are essentials in the orderly expediting of business in this period of so great possibilities for the ambitious florist. "Get busy" is good advice but "get ready to get busy" is equally important. Do it now.

The inconsistency of exhibition schedules never fails to furnish a fertile topic for discussion. We have just been looking over one recently sent out by a State Horticultural Society for a mid-winter show in which the first prize for five apples is $2,00 per each of over a score of classes. A pretty good price for apples—40 cents apiece? And each exhibitor, whether winner or not, takes his fruit away with him, nothing the worse for wear, after the show closes. In the same schedule the sum of $5,00 is offered for twelve American Beauty roses—25 cents apiece, in mid-winter—and, whether winner or loser on prizes, the exhibitor, of course, gets nothing back. On the other hand, 88.00 is up as first prize for 50 carnations. The carnation man can't find any fault with that. Evidently the disparity is due, not to prejudice or intent to slight or to overreward any particular class, but simply to a faulty conception of the comparative conditions pertaining to each. Schedule making calls for broad knowledge, and lots of good sense and our exhibitions suffer oftener than we are apt to realize, because these essentials are lacking in the schedule makers. A great record.

The mention in our St. Louis notes for this week and in various other news items from time to time, of the place still held by chrysanthemum Mrs. Jerome Jones as a market variety, reminds us that this grand old chrysanthemum has now been in existence for nineteen years and bids fair to hold its own indefinitely as a favorite exhibition flower in its distinctive class as well as a useful late commercial sort. This is remarkable when we consider that of the hundreds of varieties well-known at the time of its introduction in 1892 all are practically extinct with the exception of Cullingfordii, Maul Dean and possibly one or two others. Geo. W. Childs and Ivery which still are with us were introduced in the same year as Mrs. Jerome Jones. Col. Appleton, Timothy Eaton, Maj. Bonnaffon and other well-seasoned stand-bys were not yet in existence. No doubt the long tenure of the Mrs. Jerome Jones on the exhibition tables has been in some measure due to the liberal special premiums contributed by Mr. Jones as a memorial to the sweet, philanthropic lady whose name it bears and to the gentleman, her father, whose production it was and to whose patient devotion the chrysanthemum owes so much of its prestige. But the variety, individually, is also undoubtedly responsible for its popularity, not alone in this country but abroad, some thing which premiums could never have maintained without exceptional merit in the flower itself.
THE COMING ROSE AND CARNATION
CONVENTION SHOW AT DETROIT.

A good deal of adverse criticism has been going around regarding the coming
hed show. The Executive Board of the Rose Society thought it best to stretch a
point and go together with the Carnation Society, as an experi-
tional grower’s convention. There are many good growers’ con-
ventions, too. They would like to go to both conventions, but to spare
the time is often not possible, besides the extra cost of fare. By
having the two conventions together, think both societies will strengthen
their membership; that a grower whose interest is weakest, say in
roses, yet a member of both the Rose and the Carnation Society, would possibly, if
able to attend both meetings, join the Rose Society, as he is most likely interested
in roses also, but not caring to spend the time and money for both meet-
ings, goes to the one which takes care of his greatest interests. So being
able to “kill two birds with one stone,” he goes to the joint meeting. As just
works both ways, both societies will be gainers. Besides, the exhibition of
the two societies together should be an interesting and a public one and a
good attendance seems assured, which is a great factor towards the
success of the show.

The show society has always suffered from lack of attendance, if the
show was just of roses alone, it was too small an affair, and the general public
thought of the show was that it was held in conjunction with some Horticul-
tural Society, we had the attendance, but we could not always arrange for
such favorable conditions, so we are and many together and feel sure it will be a
great success. The hall is ideal, very light and with plenty of
ventilation, and the Detroit Florists’ Club is going to do its best to make
us feel at home. Every member of it is working for success, and everyone
seems to feel as if the success of the show depended on his own, and his
share of the work, and this makes the officers and executive board of both
societies feel assured of one of the most successful exhibitions ever held by either society.

So, my dear friend, drop your growl-
ing, if you are one of the growers, and make up your profession one, and
you will never regret it. The exhibition of roses alone will surpass your
expectations. So many new varieties will be of interest to you by the dozen, but
by fifty hunner—; and if they are not there you can form your own
conclusions why. If you have any good roses, enter them on the previous list
and see if the other societies do not encourage you to do it. The more you can come in I know there is. All varieties and all classes are taken care
of, $1,750 for each prizes and the society’s medals. Enough for everybody, who
is keen and alert to know that to have good roses at that time of the year, there is
competition in companies with the best and possibly carry away
first prizes in a story, besides a good advertisement. Money is not every-
things in this world, but the good will and good judgment, your fine points of
cultivation and care, and then to triumph over your competitors, is
reward. We know you will try, and have felt that way is to have missed
the best in your work. And those

ROYAL INTERNATIONAL HORTI-
CULTURAL EXHIBITION, LON-
DON, 1912.

His Majesty King George V. has just communicated to the directors of the
Royal International Horticultural Exhibition, through Lieut.-Col. Sir
George Holford, his intention to open this exhibition on May 22nd, at 12
noon.

It will be remembered that this great show is to take place at Chels-
sea, in the grounds of the Royal Hos-
pital, where it will be open to public
inspection for eight week days. It
will be the first show of the kind in
England since 1856, and there is already ample evidence that it will
at-
tract all the horticultural novelties
not only of the Empire, but of the
world, while it will present to visitors
an unique display of present-day horti-
culture.

In consideration of numerous re-
quests from representatives of the
horticultural world, the Directors of the Royal International Horticultural
Exhibition have decided to provide special admission facilities for profes-
sional gardeners and others on the
second, third and subsequent days.
The actual size of the ground is 21
acres; but at least 7 acres are occupied
by trees, shrubs, etc., which leaves
only 14 acres for tents, exhibits, offices, etc. Applications for spaces have
been very numerous, and ground
has been allotted for paths, promen-
ades, and so forth. It must also be remembered that, apart from the vis-
itors themselves, there will be a large
number—say three thousand—of
officials and servants, including jury-
men, exhibitors, attendants, etc.

Among the most recent donors of
special prices are Mossrs. Clay &
Sons, who are offering for competition in the rose classes a rose-gilt
ribbon bowl, valued at eighty guineas.

Turning to the interesting subject of
horticultural sundries we may say
that this section will exhibit a com-
plete display never before shown in
this country. The exhibits will be
given prominent positions in the
grounds, both under cover and in the
open. In every case, the awards will
be made by special jurymen; thus, in
the classes for sundries, only men who have a thorough knowledge of these
products will officiate.

The Directors desire to draw the
attention of exhibitors to the fact
that they have decided not to enforce the condition printed at the foot of the
entry forms already submitted (Regulation 29, to the effect that specimens
(plants, etc.) must have been culti-
vated by the exhibitor for at least
three months prior to the date of the show.

Regulation 29, in the revised
schedule, is the only stipulation of the kind that will be retained: namely,
"Exhibitors shall show the property of the Exhibitor, or of the
Employer in whose name they are
shown.

The Directors also annoucne that
they will provide all necessary plates
and vases,—the plates will be of card-
board or paper made.

C. HARMAN PAYNE,
Foreign Press Secretary.
WESTCHESTER AND FAIRFIELD HORTICULTURAL SOCIETY

At the annual meeting, held in Royal Ararat Hall, Stamford, Conn., Friday evening, December 8th, 59 members were present and the following officers were elected for the ensuing year: President, James Sturgeon, Mauranock, N. Y.; vice-president, Robert Williamson, Greenwich, Conn.; treasurer, Thos. Alitchison, Mauranock, N. Y.; corresponding secretary, Oscar Addor, Larchmont, N. Y.; financial secretary, J. B. McArdeal, Greenwich, Conn. Executive committee, Chas. J. T. Burns, New Canaan, Conn.; Wm. Smith, Port Chester, N. Y.; Alitchison, Stamford, Conn.; P. W. Pepp, Mauranock, N. Y.

It was decided to hold our meetings for 1912 in Greenwich, Conn. Mr. J. K. M. Fairbanks of Boston will lecture on "The Gardens of Japan" at the January meeting in Greenwich. The fall chrysanthemum show will be held at New Rochelle, and the summer rose show at Greenwich, Conn.

At the close of the meeting a social session of one hour's entertainment, cigars and refreshments, provided by our Stamford members, was as enjoyable as the evening's events. The meeting room was well decorated with the many pleasant meetings our society has held throughout the past year.

Following is the judges' report on exhibits at meeting, December 8th:


NEW JERSEY FLORICULTURAL SOCIETY

Officers for the ensuing year were elected by the N. J. F. S. at their regular meeting on December 11th. There was an unusually fine display of caryns, roses, orchids and other seasonable flowers on exhibition. W. E. Marshall & Co., New York, donated a prize for the best 18 carnations either or more varieties, which was won by S. M. & A. Colgate, William Reid, gardener; second, Chas. Hathaway, Max Schneider, gardener; third, P. W. Pepp, Collins.

The following are the awards in the monthly competition for points in Class A:

Cypripedium Veitchi-Lager & Hurrell, 50 points; Cypripedium Insignia—William Reid, 50 points; Cypripedium Minio Yengi—Lager & Hurrell, 50 points; Cypripedium Noble—Lager & Hurrell, 50 points; Cypripedium Insignia—Lager & Hurrell, 50 points. Frank Drews 82 points; vase of roses—William Reid, 80 points, Cypripedium Veitchi—William Reid, 75 points; Cypripedium Veitchi—Fritz Berglund, 75 points; case of chrysanthemums—L. A. S. R. Boddington.

Certificates were awarded as follows for exhibits not in competition for points:

Cypripedium Insignia—Lager & Hurrell, first class cert.; Cypripedium Minio Yengi—Lager & Hurrell, first class cert.; Cypripedium Noble—Lager & Hurrell, cert. of merit; vase of carnations—Frank Drews, now cert. of merit; bunch of violets Fritz Berglund, cult. cert.; case of roses—George Wright, cult. cert.; 1 pot nigemono—George Wright, cert. of merit.


Class B: First, Max Schneider; second, Fritz Berglund. WILLIAM REID, Sec'y.

ELBERON HORTICULTURAL SOCIETY

The annual meeting of the Elberon Horticultural Society was held on Dec. 11th, when the following named officers were installed: John G. Lindsley, president; George H. Woodmason, vice-president; Chas. J. T. Burns, secretary; Wm. Smith, treasurer; John Grant, corresponding secretary. George Mason. The reports of the treasurer, secretary and standing committees were submitted and all showed a satisfactory and excellent condition of the affairs of the society.

In the monthly competition for points during the past year, A. Bauer won out. He has become the owner of the Richards' Bros.' silver cup which had to be won twice before becoming the property of the winner. In addition to the cup, Mr. Bauer was awarded the gold medal; Duncan Kelly, scoring the second highest number of points, receiving the silver medal and W. H. Seymour the bronze medal, for third. These medals were kindly donated by A. T. Boddington.

It was decided to continue the monthly competition points for the coming year and that suitable prizes be awarded for same. Among the out-of-town visitors present was Jos. A. Wanda of Orange, N. J., president-elect of the New York Florists' Club. GEORGE MAJON.

Corres. Sec'y.

PITTSBURGH FLORISTS' AND GARDENERS' CLUB.

While our club meeting on Dec. 5th was not as largely attended as the November meeting, when we had the flower show, yet it was very interesting, made so by the varied exhibits, and particularly by the presence of Elmer D. Smith of the English Horticultural Society. Unfortunately, Mr. Smith had not been able to be present at our November meeting when his specialty was shown in great variety, yet he was able to give us, in his large number of life size pictures of flowers, and with these as texts he talked to us in his modest way of the peculiarities of habit and the best methods of propagation of his favorite flower.

Asked for a list of the 12 best chrysanthemums for exhibition purposes, Mr. Smith named the following: Montigny, Masson, Oregonia, Missouri Boy, Laisseau Roussy, Wm. Turner, Woodmason, Rose Pockett, Lady Hopetoun, Morristown, Yel- low Rider.

Mr. Smith spoke in pleasant terms of the hospitality he was receiving during his short stay in Pittsburgh, and in particular of his visit to the new Flower Co. at Bakerstown, where he saw 12 acres under glass, and was struck with the high average grade of all the stock under cultivation.

Baur & Steinkamp sent a number of cut blooms of carnation St. Nicholas which attracted much attention. Our expert agreed that if it was a free bloomer, it would be a winner. The judging committee—P. S. Kendro, Robb and Robb, Jillion—awarded it a first-class certificate.

The Pittsburgh Cut Flower Co. exhibited a number of the newer carnations and roses which they have had under observation the past season and President Durki of the company commented briefly upon them as follows:

Pink Delight is a pretty pink with good stiff stem and good color. Princess Charming is a nice flower, but more money in Pink Delight. Bright Spot was made that the flower is a good thing. Sanganio makes a good deal of grass; in fact more grass than money. Of the newer roses Mrs. Aaron Ward proves more free than Melody and My Maryland is a good summer rose. The committee awarded a cultural certificate.

Jas. Wiseman showed a plant of Er- langer tomentosa—special mention. John Bader Co. showed fine cyclamens and Christmas plants in variety—cultural certificate.

At this point Mr. Phillips, gardener for H. J. Heinz, called attention to the fact that the American public showed small knowledge of plants as evidenced by the fact that in England and Germany a much greater variety is grown. He thought our florists should endeavor to spread this knowledge of plants and bring them to know there were other good things to grow besides Boston ferns. To this answer was made that the public could not afford to educate the public, and also that the general knowledge of plants shown by the public visiting
the great Thipps Conservatories in Schenley Park was good.

The Bureau of Parks, Schenley Park, showed five varieties of begonias. Of these one of our large retail florists preferred Azethia in his trade, but for conservatory work President Jones prefers Glory of Cincinnati—certificate of merit.

The Bureau of Parks showed cyripediaums and ardisias, the berries of which were said to color best at a temperature of 45 degrees—certificate of merit.

G. and J. W. Ludwig showed Christmas greens from Oregon, Mahonia acumatifolia—special mention.

In honor of the presence of Mr. Smith, refreshments were served by the hotel management, which brought to a close a very pleasant meeting.

Subject for the January meeting: "Roses."  H. P. JOSLIN, Sec'y.

NEWPORT HORTICULTURAL SOCIETY.

This organization held its annual meeting on the evening of Dec. 12, when reports from the various officers were submitted showing the Society to be in a high state of efficiency, which is mainly due to the harmony prevailing among its workers. A large number of members were present, and all seemed to favor the re-election of the officers, which was done in most cases, including that of president, and the following are those elected for the ensuing year:

President, Andrew S. Meikle; first vice-president, William Mackay; second vice-president, John B. Urquhart; recording secretary, Daniel J. Coughlin; treasurer, A. K. McMahon; financial secretary, George McMahon; auditor, William J. G. Smith; corresponding secretary, Robert C. Swain; engraving secretary, John M. Smith; executive committee, Frederick G. Smith, and the Officers;

awarded the bronze medal of the Society for his services to the society. The exhibitor was Fred Jenkins, and the gardeners for Mrs. Cornnellius Vanderbilt. The offer of a silver cup from Miss Fanny Foster was thankfully accepted as a prize for twenty-five varieties of plants, and a cup for the best exhibitor at suitable times, the competition to be open to private gardeners only, and the cup to be won once by the same exhibitor. The busiest session was followed by a social, which all seemed to enjoy with appropriate refreshments.

LENNOX HORTICULTURAL SOCIETY.

The annual meeting of the Lennox Horticultural Society was held on December 2nd, and was largely attended, with President Poulsham in the chair. Treasurer Jack was all smiles when he read the financial report, stating that the Society had had one of the most successful years in its history, also that the surplus funds were carefully invested, and much to the members' regret asked to be excused from holding office for another term. The secretary also read his annual report, showing that the Society had elected three life members and twenty-two annual members, and everyone present was of the opinion that this had been a banner year for the Society, and the officers were accorded a hearty vote of thanks.

After the general routine of business was over, election of officers took place. Messrs. George Poulsham and George Breesman were re-elected president and vice-president; Allan J. Jenkins, treasurer; George H. Instone, re-elected secretary, and George Hoober, assistant secretary.

Messrs. E. Jenkins and A. H. Wingoget gave an interesting account of the work done at New York, but neither of them were lucky enough to win any of the farms.

Messrs. E. Hoober and E. Jenkins were called upon to draw up resolutions upon the death of our life member, Captain John S. Barnes.

GEO. H. INSTONE, Secretary.

NEW YORK AND NEW JERSEY ASSOCIATION OF PLANT GROWERS.

The annual fall inspection tour of the members of the N. Y. & N. J. Association of Plant Growers took place recently. The trip took two days and the members were conveyed in automobiles to seventeen establishments on Long Island and fourteen in New Jersey.

On the Long Island trip a noon day stop was made at the dining hall of John Niederstein, Middle Village, where under Frederick Marquardt's direction a sumptuous meal had been prepared. The accompanying picture was taken at Middle Village by Miss Marie Marquardt. It will be noticed that F. R. Platon, who occupied the front seat, was the guiding spirit of the larger car, where the Committee's car was dominated by such large bodies as A. L. Miller and Anton Schubeltz. Not only was the trip very instructive and profitable, but the members had an enjoyable time.

The annual meeting of the New York and New Jersey Association of Plant Growers was held at the office of the secretary, William H. Stiebrecht, Jr., on December 5th, and important business was transacted.

The annual election of officers took place with the following result: President, Frederick Marquardt, Middle Vil-
NEW YORK FLORISTS’ CLUB.

The meeting of the New York Florists’ Club, held on Monday night last for the election of officers for the ensuing year, was, to say the least, a most inspiring one, sufficient in every way to impress all present with the importance of the work at hand and the ambitions of those to tackle the job. To those who attended the Baltimore convention we might say it was in great measure a parallel, with Walter F. Sheridan again acting super-

W. C. RICKARDS, JR.
Treasurer New York Florist Club.

visor of elections. Eighty-five votes were cast with the result that Joseph A. Manda, South Orange, N. J., was chosen president; Philip Blasman, vice-president; John Young, secretary; W. C. Rickards, Jr., treasurer; and John Donaldson, Philip Kessler and Wm. Duckham, trustees. In the case of the presidency, Messrs. Nugent and Hendrickson withdraw as candidates, leaving Mr. Manda the only choice.

JOHN YOUNG
Secretary New York Florists’ Club.

In the other cases keen competition went to work and good-natured rivalry showed the healthy condition of the club. John Young alone seemed to be a magnet for votes, by receiving 75 out of the 85. It was all good nature, permeated with a determination to make the club the banner organization of local societies in the United States. Six new members were elected to fill the places of others professed. John Craig of the Agricultural Department, Cornell, was introduced and urged the members to form part of a state organization for the purpose of demanding from the legislature for a range of commercial greenhouses to experiment and further the interests of commercial floriculture. Prof. Craig then showed the department of state machinery at present to assist the florist, but stated that with the help of the club the necessary funds would be obtained. He referred to acquiring a better knowledge of the science of soils and discussed the usual theories attached to experimental departments. On motion of Mr. O’Mara the proposition was laid over to next meeting, with the recommendation that the new officers would be in and that this thing for them to do. Prof. Craig’s ideas will, no doubt, cause the club to take on a renewed activity on the line of how the business was at Albany and the first step towards this was to pass a motion tending the unanimous hearty support of the club to William F. Kasting of Buffalo, State Commissioner, and the secretary was instructed to convey such to Governor Dix. With Kasting at the head all will know the Department of Floriculture will be well taken care of.

MESSRS. TRAENDLY, Sheridan and Young were appointed transportation committee to make arrangements for a convention at the National Rose and Carnation Show at Detroit, January 19. The awards committee reported on Totty’s Sunburst and tendered Chas. Weber its thanks for exhibit of the new carnation Brooklyn. Among the many who took part in discussions was Bewley, the secretary, who, when called up to relate conditions in Europe, stated that in Paris last summer he sold 15 cents for a bottle of water and 3 francs for a bottle of wine when illustrating the severe drought over there. We should imagine from this that French importers should have an interest in selling to their wine flavor. After the usual felicitations talks Al. Rickards canteen department was duly attended.

JOSEPH A. MANDA.

See Cover Page.

Joseph A. Manda, president-elect of the New York Florists’ Club, was born in Bohemia, January 4, 1874. He came to America in 1885, and served his apprenticeship with the late Gus Berresman at Flatbush, N. Y., 1886-87. He then started for Short Hills, N. J., in the employ of Pitcher & Manda, where he had charge of the orchid department for six years and has made very successful connection of orchid hybrid, and is credited with having raised the first orchid hybrid in America. He then started in busin-
sess with his own establishment in South Orange, N. J., and has made for himself a good record personally and in business. He is young, energetic and hard worker in anything that looks likely to add to his reputation, and are sure the New York Florists’ Club will have a faithful and efficient leader in Joe Manda. He has been a member of the Club for 15 years, and served on many important working committees.
THE LATEST SILVER MEDAL ROSE

The new Sargent rose, originated by Jackson Dawson, now offered for the first time for fall 1912 delivery.

As this stock is limited book your orders early. $1.50 each.

Other Roses originated by Jackson Dawson:

LADY DUNCAN, DAWSON, DAYBREAK, FARQUHAR,
WM. EGAN and MINNIE DAWSON

Write for prices.

Eastern Nurseries, 1090 Center St., Jamaica Plain, Mass.
HENRY S. DAWSON, Mgr.

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS

Nurserymen and Florists

Rutherford, N. J.

HARDY NORTHERN GROWN NURSERY STOCK

WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS

A GENERAL ASSORTMENT OF


Our Illustrated and descriptive Catalogue for the asking

THE BAY STATE NURSERY,

North Abington, Mass.

Nursery Stock

Fruit and Ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens and Roses.

Write for Trade List.

W. & T. SMITH COMPANY, Geneva, N. Y.

Box Trees

and other EVERGREENS for Tubs and Baskets.

Our Prices are Always Right—Catalog Free.

THE NEW ENGLAND NURSERY, Inc.

Hopedale, Mass.

Many a man is just about now having his good disposition manished by the lady with the French heels because of the overdone Christmas racket. In the olden days a man looked forward to Xmas as a time of good cheer, but 45 years a strip has been so great that it has overbalanced the good cheer. He has come to dread the date. People of his age present them presents, and, on the whole, it is certainly being greatly overdone. Now a good way to overcome this excessive giving is to give flowers. Just a few will do—enough to show a true regard for your friends and acquaintances, and at the same time not state them in the face forever, to remind them of their duty to you another year. There is nothing more appropriate, and nothing more beautiful to demonstrate the right feeling at Xmas time. A pot of Xmas lilies is especially fine, or a medium size Azalea. Florists do well to advertise flowers especially for Xmas—boost the business. Horsewhip Brand Lily bulbs and Azaleas will give the flower good ground to work on, and if you are not prepared this year, see that you are in 1912. Order early. Send for catalogue—it will be ready soon.

Ralph M. Ward & Co.
12 West Broadway
NEW YORK CITY

Cold Storage goods ready for delivery at any time.

LATE DUG FORMOSUM

Fine Large Bulbs Thoroughly Ripened

Per 100
9-10 In. (250 bulbs in case) $7.50
9-10 In. (1,000) $11.00

A. HENDERSON & CO.
30 E. RANDOLPH ST., CHICAGO

Headquarters for

SUMMER FLOWERING BULBS

Send for Trade List

John Lewis Childs
Flower - LONG ISLAND, N. Y.

Gladioli, Lilies, Iris, Madeira Vines, Cinnamon Vines and other Summer Flowering bulbs

Send for price lists.

E. S. MILLER
Wading River, N. Y.

LOECHNER & CO.

JAPANESE LILIES
LILY OF THE VALLEY PIPS
PALMS, AZALEAS, &c.
11 Warren Street, New York, N. Y.

Write for quotations.

HERBERT, ATCO, N. J.
DAHLIAS Every Day in the Year
Obituary

James Douglas.

The news of the sudden death of this well known and highly-respected gardener and florist will be received with profound regret. In the Northern School of Florists, and his death has severed a link that will never be repaied. Our own columns have frequently brought us news of his work for such flowers as clematis, auriculas, polyanthuses and tulips; indeed, Mr. Douglas was one of our oldest contributors. Only a few weeks ago he sold me a package of bulbs that he had collected and held prisoner by the Rajah of Sikim in order to extort a more favorable treaty from the Indian Government. As a punishment the British annexed Southern Sikim.

Sir Joseph was elected president of the Royal Society in 1873. He published many excellent works on botany and botany and received numerous decorations and honorary degrees.

Meta Phillips Landreth.

Meta Phillips Landreth, wife of Capt. Burnett Landreth of the David Landreth Seed Co., died on the 10th in her home in Woodside. The funeral services were held at the family residence, Bristol, Pa., on the 13th inst. Mrs. Landreth is survived by her husband, three sons and two daughters, Burnett Jr., Philip, David and Frances II.

CLUB AND SOCIETY NOTES.

The Chicago Florists’ Club listened to an interesting address on the prospects in South America at the meeting on Dec. 7. It was given by J. McHutchison, of New York.

On Monday night, November 27, F. W. Kelsey addressed the Tenany Borough Club at Tenany, N.J., on the topic of “Gardens and Grounds.” Mr. Kelsey is well informed on this subject and his lecture was enthusiastically received.

An interesting meeting of the Bar Harbor (Me.) Horticultural Society took place last week. President Wolcott presided. The “Future of the Bar Harbor Horticultural Society,” by P. W. Blanchard, and “Mushroom Culture,” by Arthur E. Chilman, were read.

At a regular meeting of the Fall River (Mass.) Florists’ and Gardeners’ Association held Dec. 6, the following officers were elected: President, E. T. Lawton; vice-presidents, W. C. Stofford, N. A. Poe; treasurer, J. Warburton; trustee, E. T. Lawton, C. Warburton and Paul de Nave.

The Englemann Botanical Club met Monday night Dec. 11th, in the lecture room at the Missouri Botanical Garden, St. Louis. Englemann’s paper on “Recent Developments in Our Knowledge of Stomata,” was well received. The attendance was large. Some excellent pictures were on for the January meeting.

All officers of the Milwaukee Florists’ Club were re-elected at the regular meeting held Dec. 7. The subject of the recent flower show was informally discussed. The thought best by some to omit the 1912 show altogether and concentrate the efforts on the one for 1913. The club is now in the best condition in its history.

The preliminary schedule of prizes for the American Rose Society co-operating with the American Carnation Society and the Detroit Florists’ Club in the exhibition at Detroit, Jan-uary 10, 11 and 12, 1912, has been issued. It is a liberal one, and all interested should send to Benj. Hammer, Fishkill, N. Y., for a copy.

The preliminary premium list of the Horticultural Society of Cincinnati for their first spring exhibition, to be held March 20, has just been issued, and those interested may procure copies from the secretary, J. H. Burdett, 1620 W. 104 Place, Chicago. There are 142 classes, aggregating $2,434.00 in premiums besides numerous medals, etc.

The Cincinnati Florists’ Society assembled for their regular monthly meeting at their club rooms. The meeting was mostly routine work. The president’s desk was occupied by Mr. Kelley, who has been working with special plants of begonias, one a sport of Lorraine, shown by Schum-ann & Wahlers that is much of an improvement over the old, and another, a Grecian Cincinnati plant by Mrs. J. Peterson.

Albert Sylvester, chairman of the Transportation Committee for the joint convention in Detroit next January, requests all intending exhibitors to address their exhibits Exhibition Wayne Gardens, Detroit, Mich. Sometimes an exhibiting address his flowers to a local friend who per chance may be on the judging committee. This zone and thereby brings about an unavoidable delay of no less than 24 hours.

The New York Gardeners’ Society’s annual, dinner and bowling tournament on Dec. 21st, promises to be the greatest pleasure event in many years. Many gardeners, greenhouse builders, seedsmen, nurserymen and landscape gardeners in and out of the Kingdom have notified their intention not to miss any part of the program. A celebrated hqipen pistol will bring back memories of home to many. Members will have chance at music and songs, Chadwick and Schultz the side shows; Everett, Duff and Manda the prize bowling; Marshall, Scott and Donlan the comic opera and so on. It is hoped that enough good bowlers from each society will attend and compete for the prizes offered for club or individual. In any manner all the old and young ones will just have one jolly big Christmas time of it. The drawing for the two vases will take place immediately before the bowling.

Room will be made for late comers but let us know just as soon as you can.

J. IVERA DONLAN.

153 Washington St.

New York City.

Now is the time to stock up on baled spruce and fir boughs—for shrub protection or border color and for other useful purposes to which these can be put. Harry J. Smith, who advertises this material in the columns of the paper, is the man to supply you. He is a large operator and can ship by ton or car-load as well by single bale.
SPECIAL HOLIDAY OFFER OF ARAUCARIAS

<table>
<thead>
<tr>
<th>ARAUCARIA EXCELSA</th>
<th>ARAUCARIA EXCELSA GLAUCA</th>
<th>ARAUCARIA EXCELSA ROBUSTA COMPACTA</th>
<th>ARAUCARIA EXCELSA PLUMOSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 in. pots, 6 ins. high, 2 to 3 tiers</td>
<td>5 in. pots, 10 to 12 ins. high, 2 to 3 tiers</td>
<td>5 in. pots, 10 to 12 ins. high, 2 to 3 tiers</td>
<td>5 in. pots, 10 to 12 ins. high, 3 tiers</td>
</tr>
<tr>
<td>5 in. pots, 10 to 12 ins. high, 3 tiers</td>
<td>6 in. pots, 14 to 16 ins. high, 3 to 4 tiers</td>
<td>6 in. pots, 14 to 16 ins. high, 3 to 4 tiers</td>
<td>6 in. pots, 16 to 18 ins. high, 4 tiers</td>
</tr>
<tr>
<td>6 in. pots, 18 to 20 ins. high, 3 tiers</td>
<td>7 in. pots, 20 to 24 ins. high, 4 to 5 tiers</td>
<td>7 in. pots, 20 to 24 ins. high, 4 to 5 tiers</td>
<td>7 in. pots, 20 to 24 ins. high, 4 to 5 tiers</td>
</tr>
<tr>
<td>7 in. pots, 20 to 24 ins. high, 4 to 5 tiers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$ .50 each</td>
<td>$ .75 each</td>
<td>$ .75 each</td>
<td>$ .75 each</td>
</tr>
<tr>
<td>$ .50 each</td>
<td>$ .90 each</td>
<td>$ .90 each</td>
<td>$ .90 each</td>
</tr>
<tr>
<td>$ .50 each</td>
<td>$ .75 each</td>
<td>$ .75 each</td>
<td>$ .75 each</td>
</tr>
<tr>
<td>$ .50 each</td>
<td>$ 1.00 each</td>
<td>$ 1.00 each</td>
<td>$ 1.00 each</td>
</tr>
<tr>
<td>$ .50 each</td>
<td>$ 1.25 each</td>
<td>$ 1.25 each</td>
<td>$ 1.25 each</td>
</tr>
</tbody>
</table>

ARAUCARIA EXCELSA GLAUCA

5 in. pots, 10 to 12 ins. high, 2 tiers | 5 in. pots, 10 to 12 ins. high, 3 tiers | 5 in. pots, 10 to 12 ins. high, 3 tiers | 5 in. pots, 10 to 12 ins. high, 3 tiers |
| 6 in. pots, 13 to 15 ins. high, 3 tiers | 6 in. pots, 14 to 16 ins. high, 3 to 4 tiers | 6 in. pots, 14 to 16 ins. high, 3 to 4 tiers | 6 in. pots, 16 to 18 ins. high, 4 tiers |
| 7 in. pots, 16 to 18 ins. high, 4 tiers | 7 in. pots, 16 to 18 ins. high, 4 tiers | 7 in. pots, 16 to 18 ins. high, 4 tiers | 7 in. pots, 16 to 18 ins. high, 4 tiers |
| $ .75 each | $ 1.00 each | $ 1.00 each | $ 1.00 each |
| $ .75 each | $ 1.25 each | $ 1.25 each | $ 1.25 each |
| $ 1.00 each | $ 1.50 each | $ 1.50 each | $ 1.50 each |

ARAUCARIA EXCELSA ROBUSTA COMPACTA

A splendid variety, almost as compact as Robusta Compacta, and of a richer, deeper color.

5 in. pots, 10 to 12 ins. high, 3 tiers | 5 in. pots, 10 to 12 ins. high, 3 tiers |
| 6 in. pots, 12 to 14 ins. high, 3 tiers | 6 in. pots, 12 to 14 ins. high, 3 tiers |
| 6 in. pots, 14 to 16 ins. high, 3 to 4 tiers | 6 in. pots, 14 to 16 ins. high, 3 to 4 tiers |
| 7 in. pots, 16 to 18 ins. high, 4 tiers | 7 in. pots, 16 to 18 ins. high, 4 tiers |
| $ .75 each | $ .75 each |
| $ 1.00 each | $ 1.00 each |
| $ 1.25 each | $ 1.25 each |
| $ 1.50 each | $ 1.50 each |

ARAUCARIA EXCELSA PLUMOSA

For a complete list of Decorative Holiday Stock see our current Wholesale List


NEW YELLOW ROSE LADY HILLINGDON

The finest yellow rose on the market, easily grown, most prolific bloomer. Flower a remarkable keeper, retaining always its superb color.

One of the most beautiful decorations of the year at a large Boston hotel was entirely of this rose.

Write for Prices for Early Delivery of Young Stock

WABAN ROSE CONSERVATORIES, Natick, Mass.

SALESROOM AND OFFICE, 3a SOMERSET STREET, BOSTON

PLANT GROWERS

Send A List of What You Have to Sell in Holiday Stock

I have a market for all pot plants you can supply in good quality and reasonable price if you LET ME KNOW EARLY.

C. C. TREPEL, LOESER'S, Brooklyn, N. Y. BLOOMINGDALE BROS., New York City GIMBEL'S, New York City

Largest Retail Plant Dealer in the United States
ROSES
For Greenhouse Planting
Standard varieties in addition to the best of the new ones.

DOUBLE WHITE KILLARNEY
KILLARNEY QUEEN
SUNBURST

CHRYSANTHEMUMS
We shall disseminate Chadwick Supreme, the pink sport of W. H. Chadwick. Smith's Advance, Roman Gold. Standard chrysanthemums, all commercial varieties.

BEDDING STOCK in quantity for the spring trade.

Our Catalog covers these, and will be ready Jan. 1. Have your name added to our mailing list.

A. N. PIERSON, Inc.
CROMWELL, - - CONN.

Rooted Rose Cuttings
NOW READY
Kaisers, per 100, $3.50; per 1000, $25.00
Perles, " 3.50; " 25.00
Maryland, " 2.00; " 15.00

All are choice well rooted stock from flowering wood.

BASSETT & WASHBURN
Greenhouses: Office and Store:
HINSDALE, ILL. 131 N. Wabash Av., Chicago

A JOY FOR EACH IN CHRISTMAS ATTIRE

HOLIDAY! HOLIDAY! HOLIDAY!

Azaleas in bloom for Xmas,
to burn, to burn, to burn.

If you should get left in not getting enough blooming Azaleas for Xmas, don't forget that Godfrey's S. E. is right in it for you to supply your wants. The best blooming stock in the country.

Simon Marder, Mr. Petrick, Wisteria, Vervainum, $1.00; $1.25, $1.50, $2.00, full of flowers and buds. Only a few of these will be given to an order, larger sizes must recompense the order.

lrloridul Cherries, we have the largest lot in the country, 1½-, bushy, 6-inch pot, well covered with big, red, ripe berries, 75c. 3.50c. 75c. to $1.00.

Lender la Aranchnia Excela, 5½-6-in. pots, 3-4 years old, 3-4-5-6 tiers, 10-18-25-30-40 in height, 50c. 60c. 75c. to $1.00.

Aranchnia robusta compacta, 3-4 years old, best of stock.

Aranchnia red, perfect shrubs, nothing better in the world, $1.00, $1.25, $1.50, $2.00. [Note: Remember the early holiday quarters for Aranchnia.]

Next we have four homes packed full of the Chilantiana, such as Nonkolepia, Whitman, Scholzoll, Scottii and Graffiti In a, 5½, 6 and 7 inch sizes, at 25c, 35c. 40c. and 50c. Seven-inch pots almost as big as a bushe1 basket, only 75c. to $1.00.

Wilsani Ferns, 6-inch pans, 3 plants in a pot, very strong and bushy, 25c. per pot. A big assortment of Dish Ferns from 2½-in. pots, good quality of house stock, $5.00 per 100.

Rubber Plants, fine elastic, large, 6-inch, 25-30 inches high, 45c-50c: 1½-inch, 50c–60c. Large, 1 inch, 50 inches high, all ataked up, 75c to $1.00. Our rubbers never were so nice this year.

Kentia Forsteriana, 6-inch pots, 25-30-35-40 inches, 75c., $1.00, $1.25, $1.50, $2.00.

Kentia Bolmeriana, 5½-inch pots, 25-30-35-40 inches. Only 50c; 6-7 inch pots, large plants, $1.50 to $2.50. Combination plant made up, big stock, 6-inch pots, 60c., 75c., $1.00. A bargain!

Lantana Barbarenia, choice, five palms, 7-inch pots, 8 leaves, 20 inches high, 75c. to $1.00. Combination Lantana made up, 6-inch pots, 25 inches high, 50c.

Chinese Primroses, 4-inches, $1.00; 5-inch, $2.00 per dozen.

Ceces Velutiniana, 3-inch pots, 50c., 75c., 8¼-inch, 25c.

Aechma Luteorum, 4-inch, 15-20 inches high, 50c., 60c., 75c., 90c.

Asparagus plumosus minor, 2½-inch, $3.00 per 100; 3-inch, $5.00 per 100; 4-inch, large, bushy, only $1.00 per 100.

Asparagus Sprengeri, large, 4-inch, 10c.

Begonia Gloire de Lorraine, in bloom, 5½, 6-inch pots, 35c., 40c., 50c., 60c., 75c., $1.00; 3-inch, 12c., 15c.

Begonia Glory of Cincinnati, 5½, 6-inch, 50c., 66c., 75c., $1.00; 4-inch, 30c., 35c., 40c.

Our well known improved Begonia Erford is in everybody's memory who ever bought it before. A beautiful Christmas bloomer, full flowers, now in high colors of pink, white, red and bright red. Large 4-inch, 20c.; 6½-inch, 25c., 30c., 35c.

CASH WITH ORDER PLEASE. ALL PLANTS MUST TRAVEL AT PURCHASER'S RISK ONLY. PLEASE MENTION IF IN OR OUT OF POTS.

GODFREY ASCHMANN
Wholesale Grower and Importer of Potted Plants
1012 W. Ontario St., PHILADELPHIA, PA.

HYBRID ORCHIDS
FLOWERED AND UNFLOWERED...
Julius Reohs Co.
Rutherford, N. J.

LARGEST IMPORTERS, EXPORTERS, GROWERS AND HYBRIDISTS IN THE WORLD

SANDER, St. Alban's, England and 258 Broadway, Room 721 NEW YORK CITY

CYPRIPEEDIUM CAUDATUM

We have received a small importation of this almost extinct orchid and can offer a limited number of same at moderate prices. Write for particulars.

LAGER & HURRELL, N. J.
DIRECT IMPORTATIONS

17 Murray St.
New York, N. Y.

AZALEAS
Six, nine and twelve dollars per dozen.
Pink, white, variegated and red.
Red in small size only.

BEGONIAS
5 inch pots; 6 inch pots; 7 inch pots, $1.00 each.
Extra fine plants.

CYCLAMEN
5 inch $1.00 per dozen. Larger plants $1.50 $2.00 per dozen.

PRIMROSES
4 inch $1.00 per dozen.
A fine line of Primulas from $2.00 to $5.00 per pair. Also full line of Plants for Christmas.

ROBERT CRAIG CO.
ROSES, PALM, and Novelties in Decorative Plants
MARKET and 48th STREETS, PHILADELPHIA, PA.

BOUVARDIA
Two-year-old stock plants of Bouvardia Humboldtii now ready.

$3 per doz., $20 per 100
CASH WITH ORDER.

JOHN W. FOOTE, Reading, Mass.
BODDINGTON'S Quality Flower Seeds for Florists

SELECTED SEEDS, SUCCESSFULLY SOWN, SECURE SURE, SAFE AND SERVICEABLE SATISFACTION.

Remember you may deduct 5 per cent. if cash accompanies order.

BEGONIA—Continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Trade pkt. Oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semperflorens</td>
<td>Variety of Geraniums, bedding sorts, with rich red flowers</td>
<td>$0.25</td>
</tr>
<tr>
<td></td>
<td>and glossy bronze-red foliage.</td>
<td></td>
</tr>
<tr>
<td>CINERARIA</td>
<td>Variety of Phloxes, 1½ ft.</td>
<td>Trade pkt. 1½ oz.</td>
</tr>
<tr>
<td></td>
<td>Vermillion, trailing; with deep red flowers,</td>
<td>$0.15</td>
</tr>
<tr>
<td></td>
<td>Vermillion white, trailing.</td>
<td></td>
</tr>
<tr>
<td>CENIURA</td>
<td>Osiris, white, flowering.</td>
<td>Trade pkt. $1.00</td>
</tr>
<tr>
<td>GREVILLEA ROBUSTA</td>
<td>Variety of Primulas, ½ ft.</td>
<td>Trade pkt. 1 oz.</td>
</tr>
<tr>
<td></td>
<td>Sown Finest, white, flowering.</td>
<td>$0.25</td>
</tr>
</tbody>
</table>

ALYSSUM

White Gem

A grand improvement on Little Gem, being much more compact; grand for bedding. Trade pkt. 1 oz., $0.60.

LITTLE GEM, Dwarf, best for pots. $0.10, $0.30, $1.00.

Carpet of Snow, for borders, ½ oz., $0.10, $0.25.

SWEET ALYSSUM, old variety. ½ oz., $0.10, $0.25.

ASTERS

BODDINGTON’S ASTERS are FAMOUS. Write for catalogue of other varieties and prices.

QUEEN OF THE MARKET ASTERS

BODDINGTON’s Extra Early, Trade pkt. Oz.

Pink                                             | $0.25, $0.50, $1.00
White                                            | $0.25, $0.50, $1.00
Violet                                           | $0.25, $0.50, $1.00
Red                                              | $0.25, $0.50, $1.00

BRANCHING ASTERS

Vick’s Branching, Trade pkt. ¼ oz. Oz.

Crimson                                          | $0.25, $0.50, $1.00
White                                            | $0.25, $0.50, $1.00
Purple                                           | $0.25, $0.50, $1.00
Rose                                             | $0.25, $0.50, $1.00
Lavender                                          | $0.25, $0.50, $1.00
Gold-Shell                                        | $0.25, $0.50, $1.00
Blue-Shell                                        | $0.25, $0.50, $1.00
Trade pkt. each of the collection of 8 varieties for $1.75.

BODDINGTON’S GIANT ANTI RRHINUM

(Height, 2 Feet.)

Trade pkt. Oz.

Coral-Red, striking color.                        | $0.20, $0.40
Carmine, splendid color                          | $0.20, $0.40
Dainty White, a dwarf                          | $0.20, $0.40
Brilliant scarlet, golden yellow and white       | $0.20, $0.40
Crimson, large flowers                        | $0.20, $0.40
Queen Victoria, pure white                      | $0.20, $0.40
Lavender, yellow                                | $0.20, $0.40
Firefly, scarlet                                 | $0.20, $0.40
Rose                                             | $0.20, $0.40
Lilac, beautiful Lilac                        | $0.20, $0.40
Mixed                                            | $0.20, $0.40

BEGONIA

Ruddock’s Crimson Redder                          | $0.25, $0.50
Ruddock’s Variegated                             | $0.25, $0.50

PYRETHRUM

Aramex, Golden Peacock                          | $0.25, $0.50
Schizopogon, False fox fern                      | $0.25, $0.50

SHAMROCK

Trade pkt. Oz. (True Irish). Small-leaved. ½ ft. trade 25c. $0.40 $1.00.

SALVIA

Trade pkt. Oz.

Calhn Redman (Hambur).                        | $0.25, $0.50
Splendens (Scarlet Sage).                      | $0.25, $0.50
Splendens, Ball of Fire.                       | $0.25, $0.50
Splendens, Pink.                               | $0.25, $0.50
Splendens, Carmine.                            | $0.25, $0.50
Dampfls, pink.                                 | $0.25, $0.50
Splendens, Carmine.                            | $0.25, $0.50
Splendens, Carmine.                            | $0.25, $0.50
Dampfls, pink.                                 | $0.25, $0.50

STOCKS

BODDINGTON’S Quality Large-Flowering German Ten Weeks Stocks.

Trade pkt. Oz.

Brilliant Rose, White.                          | $0.25, $0.50
Carmine, Yellow.                               | $0.25, $0.50
Carmine, Blood-Red.                            | $0.25, $0.50
Violet-Blue.                                    | $0.25, $0.50
Lavender.                                      | $0.25, $0.50
Dampfls, Pink.                                 | $0.25, $0.50
Carmine, Yellow.                               | $0.25, $0.50
Blue, Yellow.                                   | $0.25, $0.50
Black, Yellow.                                  | $0.25, $0.50

GIANP TPerfection

White.                                          | $0.25, $0.50
Pyramidal long spikes of large double flowers, splendid for glass house and for general purposes. Trade pkt. 2¼ oz. $1.25, ½ oz. $2.00, oz. $3.75.

QUALITY VERBENAS

Trade pkt. Oz.

BODDINGTON’S Mammoth Hybrid Verbena, A strain of very vigorous growing, producing trusses of large flowers of brilliant and varied colors. Mixed. $0.25, $0.50.

BODDINGTON’S Mammoth Variegated Verbena, Large flowers with distinct white eye. $0.25, $0.50.

BODDINGTON’S Mammoth Blue.                     | $0.25, $0.50
BODDINGTON’S Mammoth Pink.                     | $0.25, $0.50
BODDINGTON’S Mammoth White.                    | $0.25, $0.50
BODDINGTON’S Mammoth Scarlet.                  | $0.25, $0.50
BODDINGTON’S Mammoth Red.                      | $0.25, $0.50

Lemon Verbena (Albica).                        | $0.25, $0.50

VINCA

Trade pkt. Oz.

Alba, white.                                    | $0.35, $0.65
Rose, rose.                                     | $0.35, $0.65
Red, rose. (Hutcheson’s).                       | $0.35, $0.65
Mixed.                                          | $0.35, $0.65

We are headquarters for Speck Pen of every description. The Wholesale Catalogue of quality Seeds and Bulbs is now ready. contains 25 pages of Seeds and Bulbs. Write for it today—a profert will fetch it.

ARTHUR T. BODDINGTON, Seedsman,

342 W. 14th STREET NEW YORK CITY
Seed Trade

A Seedsman Inventor.

By means of a device patented by Mr. John Bolgiano and Sons, and which can be attached to any furnace, the inventor claims that not only will the smoke be destroyed but a large percentage of the fuel will be saved.

Mr. Bolgiano said that with the aid of his device one pound of coal will evaporate 5-7 pounds of water while an ordinary furnace will only evaporate 5-7 pounds of water with the same amount of coal. With this patented device a furnace will require less attention and about one-fourth of the time will have to be given to it in raking and shaking the fires.

Another "Pure Seed" Bill Introduced.

Curtis Nye Smith, legal representative for the American Seed Trade Association, calls the attention of our readers to the fact that Congressmen Mann, H. R. 1470, entitled "To regulate Foreign Commerce by prohibiting the admission into the United States of certain adulterated seeds and seeds used for seedling purposes," copies of which may be secured from the Clerk of the House of Representatives, U. S., Washington, D. C.

NOTES.

Roswell, N. M.—The Farmers' Supply Co., a new seed store, has been incorporated with a capital stock of $10,000. E. W. Mitchell and R. F. Bean will have charge.

Grand Rapids, Mich.—Laverne F. Jones, formerly proprietor of the L. F. Jones Seed Co., was adjudged bankrupt on his own petition on Dec. 2. Liabilities, $11,000; no assets.

Santa Clara, Calif.—The Morse Seed Co. has just completed the work of installing twenty-four additional seed-sorting machines and a ten horse-power motor at their quarters in the Cured Fruit Warehouse.

CATALOGUES RECEIVED.

Gco. R. Pedrick & Son, Pedrickton, N. J.—Surplus vegetable seed price list, crop of 1911.

H. V. Lawrence, Falmouth, Mass.—"Christmas Greens." An attractive retail announcement.

F. C. Helmsman, Erfurt, Germany.—Special Trade Offer, Novelties, 1912. A finely illustrated catalogue of flower and vegetable seed novelties.

M. Herb, Naples, Italy.—General Catalogue of Vegetable and Flower Seeds, for 1911-1912. Printed in three languages; a large and useful list.

E. Merton George, Orange, Mass.—Catalogue of Choice Gladiolus Bulbs from the Houghton Gladiolus Gardens. A list which every grower should have.


A. Schulteis, College Point, N. Y.—Wholesale Price List of Foliage, Flowering and Ornamental Decorative Plants for Fall 1911 and Spring 1912. Full of good sellers for Christmas and Easter.

Peter Lambert, Trier, Germany.—Rose Catalogue, Season 1911-1912. As usual, a very extensive list; illustrated and with a portrait in natural colors, of Grossherzog Friedrich (Caroline Testout x Meta) on the cover.

Joel Shomaker, Olympic Nature Nursery, Netla, Washington. This is not a large list but a good one of small fruits, shrubs, ferns and herbaceous plants. Mr. Shomaker is a new operator and hopes to develop from small beginnings to a large and prosperous concern.

A. T. Boddington, New York City—Boddington's Garden Guide, Spring, 1912. We always look with interest for the arrival of this annual visitor for the title page is sure to present some unique and artistic conception by Mr. Bunyard. In the present instance sweet peas in lavender, gold and green are the subject of design and, treated in semi-conventional manner, they form a pretty picture. The contents of the book are strictly up-to-date, as might be expected from this well-known and enterprising house. We note among the hardy plant novelties offered several of the new Wilson collections, including the splendid Clematis Montana rubens. Many of the illustrations in this catalogue are very beautiful.

INCORPORATED.

Greenwich, Conn.—The Latersstate Tree Co. for "the sale, culture, propagating and general care of all kinds of trees and shrubbery"; capital stock $16,000.

Mitchell, S. D.—"The Newhurys," to do a nursery business; capital stock, $100,000. Incorporators, Chas. E., Edw. C., Eliza, and Jessie E. Newbury and Frank J. Herrick.

Buffalo, N. Y.—The Rachael M. Robbstock Co., to do a business cultivating and dealing in plants, shrubs, trees, etc., capital stock, $10,000. Incorporators, E. Christien, F. C. Christien and James V. Walsh, all of Buffalo.

SPECIAL TO THE TRADE

We make a specialty of growing all kinds of Vegetable Plants for the Seed and Plant Trade, including the best varieties of Perennials, Annuals, Cauliflowers, Egg Plants, Peppers, Parsley, Lettuce, Cabbage, etc. Special prices made on large orders for Spring delivery. Let us know your wants. We have a fine list of Tomato Plants, transplanted and potted. Camel, Lorpird, Beany Best, Saturn's A, Saturn's Abundance and Winter Beauty, also Early Erfurt and Snowball Cauliflower. FOX HALL FARM, R. F. D. No. 2, Norfolk, Va.

FRENCH VEGETABLE SEEDS

Lettuce, Imported Big Bocca; forcing Lettuce (black seeded); Radish, Scarlet Globe, White Globe, Yellow Turnip, Beet, Kohlrabi, Cabbage, Early and Soft, Celery, Self-Blanching and Green; Beet, Radish, Grown, etc., the same varieties as the market gardeners of Paris use.

BEAULIEU, Woodhaven, N. Y.

MAMMOTH VERBENAS

NEW CROP SEEDS

Blue, Pink, Scarlet, Stripped & White

Trade pkt. 30c. Oz. $1.25

FANCY MIXTURE

Trade pkt. 30c. Oz. $1.00

MICHELL'S

518 MARKET ST., PHILADELPHIA

SEEDS, PLANTS, BULBS

All Seasonable kinds of best quality

Special prices on large lots

JAMES VICK'S SONS,

Seedsmen

ROCHESTER, N. Y.

J. BOLGIANO & SON

Wholesale Field and Garden Seeds

ESTABLISHED 1818

Write for Our low prices

LIGHT, PRATT & ELLICOTT STS.,

BALTIMORE, MD.

FOR COLD FRAMES

STRAW MATS

6 x 6, - $1.50, $17.00 doz.

BURLAP MATS

6 x 6', $1.20, $14.00 doz.

WM. ELLIOTT & SONS,

42 Vesey St., New York

TOMATO SEED

BEST STOCKS. ALL VARIETIES.

The Haven Seed Co.

Growers for Wholesale Trade Only.

SANTA ANA, CALIFORNIA.

ONION SETS

HEADQUARTERS FOR THE EAST.

We carry large stocks of choice quality at both our Orange, Conn., and New York City houses. Full line all varieties of Garden and Flower Seeds. Trade List on application.

S. D. WOODRUFF & SONS,

86 Day Street, New York City.

December 16, 1911
A PLANT NOVELTY
That everybody will want.

**Solanum Capsicastrum Melvini**
The best introduction in Holiday Plants, for garlas. A money-maker. Plant dwarf, bushy, 12 to 15 in. high, covered with brilliant scarlet berries, conical shaped and carried well above the dark abilian foliage.
Awarded First Class Certificates by Mass. Horticultural Society and Gardeners' and Florists' Club of Boston.

Sow seeds in Jan. or Feb. for next Christmas. Ten packets, $1.50; 100 pkts., $12.50.

**THOMAS J. GREY CO.**
32 South Market St., Boston

---

**Farquhar's Flower Seeds for The Florist**

Write for our Wholesale Catalogue

**R. & J. FARQUHAR & CO.**
Boston, Mass.

---

**Thorburn's Bulls**

We offer high grade stock of the following while unsold:

**Lilium Harrisii**, 7-9 inches in circumference, at $17.00 per case of 250 bulbs.
**White Roman Hyacinths**, 11-13 cm., at $18.00 per 1000.
Cash With Order.
Register your name now for a copy of our wholesale catalogue for Florists and Market Gardeners, ready January 1st.

**J. M. THORBURN & CO.**
33 Barclay St., New York

---

**Burpee's Seeds**

**Philadelphia**

Blue List of Wholesale Prices mailed only to those who plant for profit.

**COMPLETE STOCK FRENCH AND DUTCH BULBS**
Price list free on request.

**Joseph Breck & Sons Corp.**
47-54 No. Market St., Boston, Mass.

---

**COLDWELL LAWN MOWERS**
Hand—Horse—Motor
Known All Over the World
Catalogue on Request.

**NEWBURGH, N. Y.**
Florists' Telegraph Delivery

(Retailers' Section—S. A. F. & O. H.)

Mutual discounts, 20 per cent. Provision for guaranteed accounts.

Write for particulars to

IRWIN BERTERMANN, Secretary, 241 Massachusetts Ave., Indianapolis, Ind.

LIST OF MEMBERS

Atlantic City, N. J., 1565 Pacific Ave. Berke, Geo. H.
Boston, Mass., 324 Boylston St. Carbono, Philip L.
Boston, Mass., 43 Bromfield St. Penn, Henry
Buffalo, N. Y., 364 Main St. Palmer, W. J. & Son
Chicago, III., 2622 W. Madison St. Schiller, The Florist
Chicago, Ill., 31st and Michigan Ave. Smyth, W. J.
Chicago, Ill., 22 E. 11th St. Wielochzer Co., Ernst
Cincinnati, Ohio, 15 E. 4th St. Iser, Julius
Cincinnati, Ohio, 15 E. 4th St. Hardesty, T. W. & Co.
Cleveland, Ohio, 5523 Euclid Ave. Graham, A. & Son
Colorado Springs, Colo. Crump, Frank F.
Council Bluffs, Iowa, 321 Broadway Wilcox, J. F. & Son
Danville, Ill. Smith, B. H. & Son
Denver, Colo., 1624 Broadway The Park Floral Co.
Detroit, Mich., 133 Bates St. Bomb Floral Co., The L.
Detroit, Mich., 35 Gratiot Ave., and Broadway.

Breitmeyer's Sons, John

Galesburg, Ill. Pillsbury, I. L.
Hartford, Conn. Combs, John F.
Indianapolis, Ind., 241 Massachusetts Ave.

Bromfield Bros. Co.

Kalamazoo, Mich., 141 S. Burdick St. Van Hochove & Bros.
Kansas City, Mo., 913 Grand Ave. Murray, Samuel
Kansas City, Mo., 1116 Walnut St. Rock, W. L., Flower Co.
Louisville, Ky., 540 S. 4th Ave. Schulz, Jacob
Louisville, Ky., Masonic Temple Bumett, August R.

Of Interest to Retail Florists

Hopkinsville, Ky. The store of T. L. Metcalf, at 216 West Fifth street, has been closed.

Denver, Colo.—The Gross Floral Co. has moved to 136 Sixteenth street from 131 Broadway.

Shawnee, Okla. The Brenner Floral Co. has been declared in bankruptcy and the stock ordered sold.

STEAMER DEPARTURES

Allan, N%mdian, Boston—Glasgow...Dec. 21
American, Philadelp'ia, Pa., to Washington...Dec. 22
Cunard, Linstizia, N. Y., Liverpool...Dec. 31
Saxonia, Boston-Liverpool...Dec. 29
Hamburg-American, Pres. Lincol's N. Y., Hamburg, Dec. 21
Holland-American, Noordam, N. Y., Rotterdam...Dec. 19
Leyland, Bohemian, Boston-Liverpool...Dec. 21
Red Star, Lofland, N. Y., Amsterdam...Dec. 20
Kroonland, N. Y., Antwerp...Dec. 27
White Star, Cotte, N. Y., Liverpool...Dec. 23
Olympia, N. Y., Southampton...Dec. 21
Camille, Boston-Mediterranean...Dec. 20.

Newtonville, Mass.—It is reported that H. A. Mannsfield, retail florist, 67 Walnut street, has given up his business.

New Castle, Ind.—The packing and retail departments of the South Park Floral Co. are now in charge of William Berger.

Providence, R. I.—Henri Patri is now proprietor of the retail flower store recently opened by C. S. Hughes at 82 Westminster street.

JOHN BREITMEYER'S SONS

Cor. Miami and Gratiot Aves. DetroIt, Mich.

Artistic Designs... High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

WILLIAM J. SMYTH FLORIST

Cor. Michigan Ave. and 31st St., CHICAGO

(Member Florists' Telegraph Delivery Assn.)

We ship to all points in Illinois and Iowa.

Phones: Aldine 830, Aldine 881, Aldine 822.

WILLIAM MURRAY

Kansas City, Mo. 913 Grand Ave.

Member of the Florists' Telegraph Delivery

All Orders Given Prompt and Careful Attention

The Park Floral Co.

J. A. VALENTINE, Pres.

Member Florists' Telegraph Delivery

DENVER,

WILLIAM L. ROCK FLOWER CO.

Kansas City, Mo. will carefully execute orders for Kansas City and any town in Missouri or Kansas.

John Breitmeier, Secretary, 241 Massachusetts Ave., Indianapolis, Ind.

Of Interest to Retail Florists

Hopkinsville, Ky. The store of T. L. Metcalf, at 216 West Fifth street, has been closed.

Denver, Colo.—The Gross Floral Co. has moved to 136 Sixteenth street from 131 Broadway.

Shawnee, Okla. The Brenner Floral Co. has been declared in bankruptcy and the stock ordered sold.

STEAMER DEPARTURES

Allan, Numidian, Boston—Glasgow...Dec. 21
American, Philadelp'ia, Pa., to Washington...Dec. 22
Cunard, Linstizia, N. Y., Liverpool...Dec. 31
Saxoniat, Boston-Liverpool...Dec. 29
Hamburg-American, Pres. Lincol's N. Y., Hamburg, Dec. 21
Holland-American, Noordam, N. Y., Rotterdam...Dec. 19
Leyland, Bohemian, Boston-Liverpool...Dec. 21
Red Star, Lofland, N. Y., Amsterdam...Dec. 20
Kroonland, N. Y., Antwerp...Dec. 27
White Star, Cotte, N. Y., Liverpool...Dec. 23
Olympia, N. Y., Southampton...Dec. 21
Camille, Boston-Mediterranean...Dec. 20.

Newtonville, Mass.—It is reported that H. A. Mannsfield, retail florist, 67 Walnut street, has given up his business.

New Castle, Ind.—The packing and retail departments of the South Park Floral Co. are now in charge of William Berger.

Providence, R. I.—Henri Patri is now proprietor of the retail flower store recently opened by C. S. Hughes at 82 Westminster street.

JOHN BREITMEYER'S SONS

Cor. Miami and Gratiot Aves. DETROIT, MICH.

Artistic Designs. . . High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

WILLIAM J. SMYTH FLORIST

Cor. Michigan Ave. and 31st St., CHICAGO

(Member Florists' Telegraph Delivery Assn.)

We ship to all points in Illinois and Iowa.

Phones: Aldine 830, Aldine 881, Aldine 822.

SAMLU MURRAY

Kansas City, Mo. 913 Grand Ave.

Member of the Florists' Telegraph Delivery

All Orders Given Prompt and Careful Attention

The Park Floral Co.

J. A. VALENTINE, Pres.

Member Florists' Telegraph Delivery

DENVER,

WILLIAM L. ROCK FLOWER CO.

Kansas City, Mo. will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Of Interest to Retail Florists

Hopkinsville, Ky. The store of T. L. Metcalf, at 216 West Fifth street, has been closed.

Denver, Colo.—The Gross Floral Co. has moved to 136 Sixteenth street from 131 Broadway.

Shawnee, Okla. The Brenner Floral Co. has been declared in bankruptcy and the stock ordered sold.

STEAMER DEPARTURES

Allan, Numidian, Boston—Glasgow...Dec. 21
American, Philadelp'ia, Pa., to Washington...Dec. 22
Cunard, Linstizia, N. Y., Liverpool...Dec. 31
Saxoniat, Boston-Liverpool...Dec. 29
Hamburg-American, Pres. Lincol's N. Y., Hamburg, Dec. 21
Holland-American, Noordam, N. Y., Rotterdam...Dec. 19
Leyland, Bohemian, Boston-Liverpool...Dec. 21
Red Star, Lofland, N. Y., Amsterdam...Dec. 20
Kroonland, N. Y., Antwerp...Dec. 27
White Star, Cotte, N. Y., Liverpool...Dec. 23
Olympia, N. Y., Southampton...Dec. 21
Camille, Boston-Mediterranean...Dec. 20.

Newtonville, Mass.—It is reported that H. A. Mannsfield, retail florist, 67 Walnut street, has given up his business.

New Castle, Ind.—The packing and retail departments of the South Park Floral Co. are now in charge of William Berger.

Providence, R. I.—Henri Patri is now proprietor of the retail flower store recently opened by C. S. Hughes at 82 Westminster street.
Display Your Christmas and New Year's Attractions

The prospective buyers are out and about. Have the goods ready to show them. We have an endless line of Novelties for the Holiday Trade. Fix up your window with our natural prepared beech sprays, statue and similar material that never dries up and needs no attention or renewal. "Write now while you have time to attend to it. "Nuff said."

H. BAYERSDORFER & CO.
THE Florist Supply House of America

1129 Arch Street, PHILADELPHIA, PA.

ALEX. McCONNELL
571 FIFTH AVENUE
NEW YORK CITY

Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or instructed by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls 467 and 488 Murray H. I. I
Cable Address, ALEXCONNELL

DAVID CLARKE'S SONS

Deliver orders from any part of the country to New York City.
Or OUT-GOING SHIPMENTS

Write on telegram.
2139-2141 Broadway, New York
Telegraph 1526-1533 Columbus

YOU NG & NUGENT
42 West 28 St., NEW YORK
"FLOWERS BY TELEGRAPH"

Flower Deliveries
In Brooklyn and other Long Island Points
New York City, New Jersey, etc., at Theatres, Hotels, Seamstresses or Residences.

WILSON
Fulton St. and Greene Ave., Brooklyn, N. Y.

BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

THE ROSERY
76 MAIDEN LANE
ALBANY, N. Y.
FLOWER DELIVERIES FOR ALBANY AND VICINITY

ALEBANY, N. Y.

EYRES
Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY ON TELEGRAPHIC ORDER

11 NORTH PEARL ST., ALBANY, N. Y.

NEW ENGLAND FLOWER DELIVERIES
Send flower orders for delivery in Boston and all New England points to
THOS. F. GALVIN
124 Tremont St., Boston

TRANSFER
Your orders for flower or plant delivery in Eastern New England to
JULIUS A. ZINN
1 Park St., Boston

BOSTON'S BEST
In Quality and Design
Can be relied upon when you transfer your retail orders to
EDWARD MACMULKIN
194 Boylston Street, Boston

LINSDALE'S
LITTLE FLOWER SHOP AROUND THE CORNER
Flower Deliveries at Reasonable Prices
130 E. 34th Street, NEW YORK
Telephone 2806 Madison Square

The Far-Famed Flowers of TORONTO
Delivered on mail or telegraph order for any occasion. In any part of the Dominion.

JOHN H. DUNLOP
96 Yonge St. . . . Toronto, Ont.

Littlefield FLORIST
407 & 409 Main St.

H. F. A. Lange

WORCESTER, . . MASS.
Delivers to all Points in New England.

WELLESLEY COLLEGE
Jane Hall, Walnut Hill and Rockridge Hill schools TAILBY, Wellesley, MAss.
Tel. Wellesley 481 and 2. Night 483
SUCCESSFUL FLORISTS

all over the country are using McCray Refrigerators.

The circulation of air is so strong and steady that there can be no stagnation or dampness, so that your stock will always be fresh and fragrant. Furthermore the saving in ice will be more than pay for the cost.

McCray Refrigerators

will lend attractiveness to your shop. Beautifully made and finished, they are lined with white enamel, opal glass, tile, mirrors or marble, as you desire. Write today for our catalog No. 72 which will give you ideas on how to add to the attractiveness of your establishment.

McCRAY REFRIGERATOR CO

Chicago Office, 353 Lake St., Kendallville, Ind.
New York Office, 53 Wabash Ave. N. Y.

CHICAGO NOTES.

Holiday Decorative Stock.

Whatever the bulk of the holly may prove itself to be, the advance boxes are good stock, with plump scarlet berries thickly strewn over it, and the best boxes are bringing five dollars. Somehow the earliest shipments always make a name extremely hard for later arrivals to live up to, but as usual the florist is hopeful. Hex berries, having glossy and raiseable evidence of their nearness to perfection. Full round berries and quantities of them from the Michigan woods are now decorating the florists’ windows and being made into wreaths, usually one-half of the wreath being of some other material. Two dollars per box is asked for the hex. The market on bouquet wreathing is a little uncertain. The earliest shipments brought eight and ten cents per pound, but now the price has dropped to six cents, and a certain enthusiasm of former years is lacking. Evergreen wreathing is selling about as last year. Christmas trees, great and small, are here in quantity, with large shipments of apricot and pine from Maine tending to keep prices down. The little table trees are selling well, judging from the number seen in the shopkeepers’ arms. The department stores have made them leaders, and cut heavily into the florists’ local sales. The popularity of the little tree is now assured, the wholesale houses handling thousands during the month of December. The scarlet and green roping, which took so well last year, promises to do the same this year, the scarlet especially. Christmas bells reached the street corner stands in such quantities in past years that only the better quality can be sold to be popular now, while the stars are decidedly on the wane. There is nothing altogether new offered for the Christmas of 1911.

Mrs. Fred Straif is with the extra force needed at J. Mangel’s for the holiday trade.

Jos. Curran, well known to the trade for a quarter of a century, has been a month in Mexico, where the milder climate is expected to be of benefit to him. He has been in very poor health for the past year.


PERSONAL.

Mrs. J. Austin Shaw of Brooklyn, N. Y., is planning to spend the winter in Bermuda.

Charles Wackling has taken charge of the greenhouses of the Kemble Floral Co., Oskaloosa, la.

Heuri Beauvien of Woodhaven, N. Y., has arrived home from his business trip to France, well satisfied with the results.

Harley M. Wallbridge has accepted the position of assistant manager in the wholesale store of J. M. Gasser & Co., Cleveland, O.

Miss Mae Carroll, who was in charge of the books at D. Rascom’s, Cincin-
nati, and also represented him on the road, is no longer with him.

Joseph Fahey, of Thomas F. Galvin’s, florist, Boston, Mass., is convalescing from a recent sickness and will be back in the store next week.

Fred Jenkins, head gardener for Mrs. Cornelius Vanderbilt at “The Breakers,” Newport, R. I., has resigned his position, and his action is much regretted by the many friends he has made during his short stay in New-
port.

H. V. F. de Thestrup has resigned his position as foreman and grower for Frank P. Putnam, North Tewksbury, Mass. He has taken a position in New York to the best.

All the retail florist stores have on their holiday dresses and they never looked more tastily attired than at this time. Nothing surprisingly new is noted in materials, but there is more simplicity and elegance in the arrangement in many instances.

Personal.

Phillip Elching is back for the holi-
days, filling his old place with Harry Rowe.

Mrs. James E. Van Buskirk, of mid-town, New York. She is well known in the flower trade.

XMAS GREENS

Laurel Roping, Laurel Wreaths
Wild Smiles, Boxwood, Holly
Partridge Berries in bunches and boughs, native Ferneries, etc., etc.

If you want THE BEST order from us.

Hartford & McDonough
70 PEMBERTON SQ., BOSTON

IN THE SWIM

I must be in the swim,
You might forget my name,
And say that I am to blame,
If you do not get the best.

Christmas Trees, Spruce or Balsam, from one foot to thirty, in any quantity; Baled Spruce, Boxwood, Partridge Berries, Laurel and Evergreen Festoons and Wreaths, Spruce Grass, Hardwood, Poplar and Dover Ferns, Yearly Contracts Made. Send for Price List and order your Christmas Trees now. GET THE BEST.

H. J. Smith, Hinsdale, Mass
TRAENDLY & SCHEMCK
Wholesale Florists
131 WEST 28th STREET
NEW YORK
'Theme, 798-799 Madison Square

ANNOUNCE FOR THE SEASON

The Finest Collection of the Latest Varieties in Roses and Carnations

ROSES

CARNATIONS
All the latest and fancy varieties of excellent quality.

CATTLEYAS
WE are the LARGEST receivers of Cattleya and many other varieties of Orchids in the city.

TRAENDLY & SCHEMCK

Flower Market Reports

BOSTON — While hot weather has had an unforeseen and disastrous effect on business and on much of the stock being received, roses especially are coming in soft and lacking in stamina which made them so sturdily looking a few days ago. What the effect will be on the Christmas product is not yet apparent, but it is certainly some food for anxiety. The grower who is wise — realizing the situation will, for the time being, cut his roses in a more immature state so that their keeping qualities may be preserved. Carnations are not overplentiful and are hardly up to standard set in previous years at this date, a condition which may be due more or less to the weather conditions. Lily of the valley is in good quality and full supply, but market value is low, quality considered, and the same is true of sweet peas, which are selling for less than they are intrinsically worth. Longiflorum lilies are all right and with paper white narcissi are enjoying a normal call. Violets fluctuate from day to day in quantity and in demand and are a cause of constant perplexity to the wholesale dealer. Chrysanthemums are not quite finished, but the remainants in sight are of little value. Orchids and gardenias in moderate supply and moderate demand. A few polynsettias are in.

The sale of green material is already far in excess of the previous record for so early and the advance orders booked for holly, boxwood and laurel indicate an unprecedented demand for all such stock.

BUFFALO — Summer had come upon us the past week as throughout the week the mercury registered no lower than 40 degrees. Bright, sunny days did not bring on stock any faster than could be consumed, as chrysanthemums were practiced over and the demand concentrating on other lines. Up to Friday there was a scarcity of medium roses and carnations and prices had advanced, though there was sufficient other stock such as narcissus, lily of the valley, violets, Roman hyacinths, stevia, etc. Beauties are improving in quality in the long grades, but the short are poor, with only a slight demand. Richards are fine, also Killarnyes and Bonsilene sells well. Violets have light demand. On Friday and Saturday there was enough of everything to supply all. The florists are in condition for a good holiday hustle and the outlook is promising for a busy ending of the month.

CHICAGO — The week was an unsatisfactory one. Warm, damp weather prevailed and only a few hours of sunshine have been noted for ten days. Stock is feeling the result and unless colder and clearer weather comes soon to relieve the strain, stock will not be at its best for the holidays. Carnations are particularly needing the sunshine and prices have been low all the week. Roses are a little less in demand than last month for trade in general has not been up to the average. Counters are looking bare since the great bulk of chrysanthemums are gone. Some very fair specimens are seen here and there, the most of the stock, however, being short and weak stemmed. A few Chadwick are expected to hold on till Christmas. Some line mignonette with 24-inch stems is seen. Violets are of good quality considering the mild weather, and sell out fairly well. Paper whites are everywhere and many bunches are finding their way to the barrel. Killarney is queen of the roses now and will play a big part in the Christmas trade. Beauties are keeping their growers hoping and praying for sunshine.

CINCINNATI — Badly enough. The start of this week followed in the footsteps of the close of the preceding one. The volume of business transacted was large, but not nearly enough to take up all the stock. A week and a half of spring-like weather pushed out roses and carnations in particular. From Sunday of this week until the middle of the rain held away and the long-suffering mortals with a continuous rain. It did not, however, deter the shoppers. It is a trifle early as yet for them to place their Christmas orders with the florists, but they will be dropping in before long. In roses, Killarnyes are coming into crop splendidly, and will be at their best just before the 25th of the month. The supply of other roses, too, is good. The growers of polynsettias in this vicinity expect to be able to have heavy cuts of choice stock any time from now on as they are needed. Carnations are in heavy supply owing to the warm weather. The quantity in this line is in-

(Continued on page 5)
ROSES FOR CHRISTMAS

BEAUTIES

Killarney. Richmond Maryland

The supply of the above-mentioned Roses will be very large with us and on account of this we can quote you very attractive prices for the Holidays; and we know in nothing else can we offer you the same value. The quality of this stock is fine and we can assure you no better roses are coming to this market. Our stock consists mostly of the medium and better grades and Specials in Beauties: short and medium Beauties are not plentiful.

Bronze Galax per case, $7.50

THE LEO NIessen CO. Wholesale Florists N. E. Cor. 12th and Race Sts.

Philadelphia

WELCH Bros.

AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR ROSES, LILY'S TO THE VALLEY, CARNATIONS, ORCHIDS

BEST PRODUCED

226 Devonshire Street, Boston, Mass.

WHOLESALE FLOWER MARKETS—TRADE PRICES—PIT FOR TO DEALERS ONLY

ROSES

<table>
<thead>
<tr>
<th></th>
<th>BOSTON (Dec. 14)</th>
<th>CHICAGO (Dec. 12)</th>
<th>ST. LOUIS (Dec. 12)</th>
<th>PHILA. (Dec. 12)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ave. Beauty, fancy cut</td>
<td>40.00</td>
<td>30.00</td>
<td>25.00</td>
<td>25.00</td>
</tr>
<tr>
<td>&quot; Extra...............</td>
<td>30.00</td>
<td>25.00</td>
<td>20.00</td>
<td>20.00</td>
</tr>
<tr>
<td>&quot; No. 1................</td>
<td>20.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>&quot; Lower grades........</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Killarney................</td>
<td>12.00</td>
<td>12.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fa. &amp; Spl..</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>&quot; Low grades.........</td>
<td>8.00</td>
<td>8.00</td>
<td>8.00</td>
<td>8.00</td>
</tr>
<tr>
<td>&quot; Bride, &quot;Madam.&quot;....</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>&quot; Taf, &quot;Hollander,&quot;....</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>CARNATIONS, First Quality.</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>&quot; Ordinary...</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
</tbody>
</table>

The above prices apply to stocks of the kinds and grades in stock. Other kinds and grades are sold at different prices.

MISCELLANEOUS

| Short roses........ | 0.50            | 0.00            | 0.00            | 0.00           |
| " Bronze...........| 0.50            | 0.00            | 0.00            | 0.00           |
| " & Sprays........| 0.50            | 0.00            | 0.00            | 0.00           |

THE BEST LETTERS FOR THOSE MADE BY THE Boston Florist Letter Co.

66 Pearl St., Boston N. P. McCarthy, Mgr.

Order direct or buy from your local supply dealer. Insist on having the BOSTON Inscriptions, Emblems, etc., Always in Stock.

CUT FLOWER BOXES

EDWARDS FOLDING BOX CO.

MANUFACTURERS PHILADELPHIA, PA.

PETER REINBERG

WHOLESALE

CUT FLOWERS

37 Randolph St., Chicago, Ill.

POEHLMANN BROS. CO.

33-35-37 Randolph St., CHICAGO

CUT FLOWERS

Greenhouses, - Morton Grove, Ill.

George B. Hart

WHOLESALE FLORIST

24 Stone St., Rochester, N.Y.

The J. M. McCullough's Sons Co.

WHOLESALE COMMISSION FLORISTS

COMMISSIONS SOLICITED

Special attention to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. Price list on application.

Phone Main 584. 316 Walnut St., Cincinnati

J. A. BUDLON

82-84-86 E. Randolph St., Chicago

OUR STOCK IS A-1 AND IT IS QUALITY NOT PRICES THAT TALKS

Chicago Flower Growers' Association

Wholesale Growers of Cut Flowers and Plants

176 N. Michigan Ave., BETWEEN RANDOLPH AND LAKE STREETS, CHICAGO

HENRY M. ROBINSON & CO.

15 Province St., 9 Chapman Pl., BOSTON, MASS.

Everything in Flowers

Complete Stock of Florists' Greens,

Three Floors of Florists' Supplies.

Wired Toothpicks

Manufactured by

W. J. COWEE, BERLIN, N. Y.

For sale by dealers

10 gross... $1.75; 50 gross... $7.50. Sample box.
Flower Market Reports

Everybody is hustling for immediate orders. Prices remain firm, with a plentiful supply, and a slow demand. Chrysanthemums are practically extinct. There are few late blooms that the growers have held for the holiday trade. The price is quoted at 85 per dozen.

The extreme warm weather for this season of the year which has prevailed during the past week has caused a bulb in the usual price quotations. Prices remain fair, with a plentiful supply, and a slow demand. Chrysanthemums are practically extinct. There are few late blooms that the growers have held for the holiday trade. The price is quoted at 85 per dozen.

The trade is anxious to see a cool spell to stimulate the demand.

ST. LOUIS was in very good condition and all four wholesalers had plenty of everything that is seasonal and at prices that the trade thought a little high considering that the business during the week had been a little off color as to volume. All are busy with preparations for Christmas and their show houses are filled up with some extra fine blooming plants. The market offers some extra good stock in roses, violas, carnations, Roman hyacinths, paper whites, lilies and a few chrysanthemums of the Mrs. Jerome Jones, Chatham, and Noni varieties, but chrysanthemums have seen their best days for this season. Outlook for a good Christmas is the report from nearly all our retailers.

WASHINGTON the past week experienced weather conditions equal almost to that of summer. There has been a decided dearth for flowers for various purposes, which has kept things moving well. The season of entertainments is now at hand and the social whirl will soon be in full swing and society will, as usual, utilize large quantities of cut flowers. The storekeepers are now using quite a quantity of plants and flowers to set off to advantage the goods in their display windows. It is believed that the holiday trade this season, this year, will prove even more successful and profitable than that of 1910 and, in fact, that the entire year will prove to have been a better one. Stock of all kinds continues to come in plentifully with prices approximately unchanged. The demand about meets the supply except possibly in the ease of carnations, which as regards A1 stock

(Continued on page 79)
P. J. Smith
Successor to JOHN I. RAYNOR
Wholesale Commission Florist
SELLING AGENT FOR LARGEST GROWERS
The HOME OF THE LILY
T E L. 1908 MADISON SQUARE
49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—3832-3533 Madison Square

NOW IS THE TIME
To decide on your Commission Mix. Begin the season right by shipping your product to the OLD, RELIABLE ESTABLISHMENT.
OPEN EVERY MORNING AT 6 O’CLOCK.
Tel. 167-4468
J. K. ALLEN
106 W. 78th St. NEW YORK

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY
ALWAYS ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, Mad. Sq. 55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th></th>
<th>Last Half of Week ending Dec. 9, 1911</th>
<th>First Half of Week beginning Dec. 11, 1911</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>30.00 to 40.00</td>
<td>30.00 to 40.00</td>
</tr>
<tr>
<td></td>
<td>30.00 to 40.00</td>
<td>30.00 to 40.00</td>
</tr>
<tr>
<td></td>
<td>8.00 to 10.00</td>
<td>8.00 to 10.00</td>
</tr>
<tr>
<td></td>
<td>6.00 to 8.00</td>
<td>6.00 to 8.00</td>
</tr>
<tr>
<td></td>
<td>4.00 to 6.00</td>
<td>4.00 to 6.00</td>
</tr>
<tr>
<td></td>
<td>2.00 to 4.00</td>
<td>2.00 to 4.00</td>
</tr>
<tr>
<td></td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
</tbody>
</table>

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York
Telephone 1106 Madison Square

Consignments Solicited

A. L. Young & Co.
WHOLESALE FLORISTS
Choice Cut Flowers
Consignments Solicited
54 West 28th St., New York
Prompt Payments. Telephone 3559 Madison Sq.

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., New York
Shipments, any quantity, Wholesale Market Rates.

Robert J. Dysart
Public Accountant and Auditor
Simple methods of correct accounting especially adapted for Florists' use.
Books Balanced and Adjusted
Merchants Bank Building
28 State St., BOSTON
Telephone, Main 58
For VALLEY ORCHIDS VIOLETS
And LUDWIG WILD’S GARDENIAS
And a full line of other cut flowers

Address
BADGLEY, RIEDEL & MEYER, Inc.
34 West 28th St., New York
Telephone 1664, 1665 Madison Sq.

MICHIGAN CUT FLOWER EXCHANGE, Inc.
WOOLSALE COMMISSION FLORISTS
Consignments Solicited
Hardy Fancy Fern Our Specialty
38-40 BROADWAY, DETROIT, MICH

WILLIAM F. KASTING
Wholesale Florists
383-387 ELICOTT ST.
BUFFALO, N.Y.

NEW YORK QUOTATIONS PER 100. To Dealers Only

<table>
<thead>
<tr>
<th>MISCELLANEOUS</th>
<th>Last Half of Bourse ending Dec. 9 1911</th>
<th>First Half of Week beginning Dec. 11 1911</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cattleyas</td>
<td>30.00 to 75.00</td>
<td>35.00 to 75.00</td>
</tr>
<tr>
<td>Dendrobium formosum</td>
<td>30.00 to 45.00</td>
<td>30.00 to 45.00</td>
</tr>
<tr>
<td>Phalaenopsis</td>
<td>10.00 to 25.00</td>
<td>10.00 to 25.00</td>
</tr>
<tr>
<td>Lines, Longiflora</td>
<td>3.00 to 5.00</td>
<td>4.00 to 6.00</td>
</tr>
<tr>
<td>Cattleya</td>
<td>5.00 to 10.00</td>
<td>5.00 to 10.00</td>
</tr>
<tr>
<td>Lity of the Valley</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Narcissus, Paper White</td>
<td>1.00 to 2.50</td>
<td>1.00 to 2.50</td>
</tr>
<tr>
<td>Roman Hyacinths</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Chrysanthemums</td>
<td>50.00 to 1.00</td>
<td>50.00 to 1.00</td>
</tr>
<tr>
<td>Vielcitas</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Stevia</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Mignemintes</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Discus</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Sweet Peas</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Gardenias</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Atlantias</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Smilax</td>
<td>1.00 to 2.00</td>
<td>1.00 to 2.00</td>
</tr>
<tr>
<td>Asparagus Plumbago, aries</td>
<td>50.00 to 2.00</td>
<td>50.00 to 2.00</td>
</tr>
</tbody>
</table>

PHILADELPHIA

Flower Market Reports
(Continued from page 77)
are not so plentiful. Hudson River violets are coming in; American Beauty roses are in fine shape and there are some choice home-grown orchids.

The past week has been a disappointment to growers and to their wholesale market representatives who had reason to believe that things had started on the upward drive towards the holiday standard. The weather by no means has had much of the responsibility but—those who know what this time official may send us between now and Christmas? All there is to be done is to "live in hope." The plain fact is that the market conditions are unprecedentedly stagnant for the season and another bad feature is the overacting on the flower product which gives rise to much solicitude as to the outcome. All there is to be done is to wait in patience and soliloquize on the unusual conditions which, however, must be endured while they last. Receipts on all lines are heavy and distribution very slow. Chrysanthemums are still plentiful and interfere more or less with other stock. Holly and poinsettias are in very poor condition—worst ever, in fact, in this market. The wreath business is booming.

As Christmas week approaches growers are anxiously scanning the horizon for signs and portents of a good advance in cut flower prices. So far as can be judged at this writing the prospects are not hopeful for any such proposition. The weather for the past few weeks has been mild and clear, with the result that all crops are in exceptional condition bearing freely, healthy and vigorous—with promise of these conditions right through the holidays. The wise heads among the commission men think best results can be got by keeping figures within moderate bounds and getting the goods. Last week was a good week and nobody has any great fault to find with it, although it was not quite "gingery" as the one previous. For one thing receipts of stock were larger all along the line and in face of this, prices weakened a little; but there was a big volume of business and everybody is pretty well satisfied. There are plenty of American Beauty roses, but no over supply. The quality is excellent and they are certainly one glorious flower as seen on the market at present and reflect great credit on the growers. Rich trend is coming in more freely. Pine stuff, well grown and up to standard in all respects. Killarney and Maryland have also improved and show up much better as to color and finish. The carnation market is in good shape; both production and quality improved, with a better trend in prices. Beacon, Ward, Gloriosa, the three Enchantresses, and White Perfection are especially fine. Plenty of fine orchids and good sale. Dendrobium formosum, cattleyas, Oncidium speciosum, cypripediums, spray orchids, make up a fine selection for the season. No up-to-date flower store is complete without this leader and gardenias, which are also good now and in liberal supply. Violts, Lily of the valley, Roman Hyacinths, paper whites, sweet peas, mimousse and lilies are all plentiful and excellent.
Buyer's Directory and Ready Reference Guide

Advertisements under this head, one cent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Buyers failing to find what they want in this list will confer a favor by writing to us and we will try to put them in communication with reliable dealers.

ACCOUNTANT
R. J. Hays, 28 State St., Boston.
For page see List of Advertisers.

ADENIUM HYBRIDUM
Irid Rose Nurseries, Center Square, Pa.

AMPELOPSIS
Ampeleopsis Veitchii, 1 yr. plants, $3.00 each.
Wm. Eckrich Co., North Milwaukee, Wis.

ARACARIAS
For page see List of Advertisers.

Godfrey Aschmann, 1012 Octaro St., Philadelphia.
For page see List of Advertisers.

For page see List of Advertisers.

ARTSTONE FLOWER VASES
Patrick J. Greco, Brighton, Mass.

ASPARAGUS
Asparagus Plantum, extra fine 3-inch stuff, $3.00 per 100, $45.00 per 100.
F. R. Downer Co., Ill.

Asparagus plumosus seedings, corms, sprays and seeds. Write for prices.
P. Black, Orlando, Fla.

ANTHERICUM
Anthericum variegatum, strong plants.
3 lin., 3c; 4 lin., 10c. H. G. Norton, Perry, O.

AZALEAE
P. Owerkerk, Holokea, N. J.
For page see List of Advertisers.

For page see List of Advertisers.

Loechner & Co., New York, N. Y.
For page see List of Advertisers.


BAY TREES
For page see List of Advertisers.

Bobblin & Atkins, Rutherford, N. J.
For page see List of Advertisers.

Bay Trees and Box Trees, all sizes.
Julius Roehrs Co., - Rutherford, N. J.

BEDDING STOCK
A. N. Pierson, Inc., Cromwell, Conn.
For page see List of Advertisers.

BEGONIAS
For page see List of Advertisers.

Thomas Roland, Nantucket, Mass.
Lorraine Bogeal.
For page see List of Advertisers.

For page see List of Advertisers.

BOILERS
Kromschell Iron Co., 646 Erie St., Chicago.
For page see List of Advertisers.

BOYARDIA
John W. Boyard, Reading, Mass.
For page see List of Advertisers.

BOXWOOD TREES
For page see List of Advertisers.

Bobblin & Atkins, Rutherford, N. J.
For page see List of Advertisers.

Julius Roehrs Co., Rutherford, N. J.
For page see List of Advertisers.

BOXES—CUT FLOWER—FOLDING
Edwards Folding Box Co., Philadelphia.
For page see List of Advertisers.

Folding cut flower boxes, the best made. Write for list.
Hollou & Buukel Co., Milwaukee, Wis.

BULBS AND TUBERS
Joseph Breek & Sons, 47-54 N. Market St., Rochester.
For page see List of Advertisers.

French and Dutch Bulbs.
For page see List of Advertisers.

J. M. Thorburn & Co. 33 Burchest St., N. Y.
For page see List of Advertisers.

Julius Roehrs Co., Rutherford, N. J.
For page see List of Advertisers.

Liliases
A. T. Rod$tington, 242 W. 14th St., N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

Horseshoe Brand.

James Vick's Sons, Rochester, N. Y.
For page see List of Advertisers.

Thomas and Julius Ward.
For page see List of Advertisers.

For page see List of Advertisers.

F. M. Ward & Sons, Chicago, Ill.
For page see List of Advertisers.

The W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

J. B. Foss, Waco, Mass.
For page see List of Advertisers.

F. M. Ward & Sons, Chicago, Ill.
For page see List of Advertisers.

For page see List of Advertisers.

Late seedlings.

For page see List of Advertisers.

CALCEOLARIA
Wanted: 50 or 100 Calceolaria hybrida. Plants. Mor. Anderson, Glenhor, Riverdale on Hudson, N. Y.

CAMELIA
W. W. Barnard Co., Chicago, Ill.
For page see List of Advertisers.

CARNATIONS
The Improved Campania varieties, including Mrs. A. F. Conrad and the newest ones. Send list.
The Con- ard & Jones Co., West Grove, Pa.

CARTERIA
F. Dorner & Sons Co., Lafayette, Ind.
For page see List of Advertisers.

Chicago Carnation Co., DeKalb, Ill.
For page see List of Advertisers.

Peter Fishler, Milw., Mass.
For page see List of Advertisers.

Wood Bros., Fishkill, N. Y.
For page see List of Advertisers.

CARNATION STAPLE
Split carnations quickly and cheaply. N. E. D. & Co., 1114 W. 5th St., Chicago.
1012 staple, 200 for $1.00 post paid. L. G. Plumb, Galesburg, Ill.

CHINESE PLANTS AND LILIES
For page see List of Advertisers.

Woolf & Marketing, New York, N. Y.
For page see List of Advertisers.

Thomas Rodham, Nantucka, Mass.
Julius Roehrs Co., Rutherford, N. J.

CHRISTMAS GREENS
For page see List of Advertisers.

CHRISTMAS TREES—BALED SPRUCE
For page see List of Advertisers.

CHRYSANTHEMUMS
A. N. Pierson, Inc., Cambridge, Conn.
For page see List of Advertisers.

Elmer D. Smith, Adrian, Mich.
For page see List of Advertisers.

Harrington’s book on the Chrysanthemum, mailed free, by Horticultural Publishing Co., 11 Hamilton Place, Boston.

Chrysanthemums, rooted cuttings, Morris, Polly Rose, $12.00 a 100, Violets, Princess of Wales, $50.00 a 1000, Chns. Lecker, Freeport, L. I., N. Y.
Orders booked for young plants of Smith’s Advance, earliest white, Usan, varieties. January delivery, $1.00 a 10, $8.00 a 100. Please order early. Max B. Schreiber, McDonald, Pa.

CINERARIAS
Cinerarias, finest large-flowering hybrids in mixture; send list, 3 in. pots, at $4.00 a 100. Cash Russell Bros., Syracuses, N. Y.

CLEMATIS
Clematis pannubilis, 25c, $7.50 a 100. H. G. Norton, Perry, O.

COCONUT FIBRE SOIL
For page see List of Advertisers.

CYCLAMENS
For page see List of Advertisers.

Cyclamen—Best Varieties in different colors, 3 in. pots, of strong stock, $1.00 a 100, $25.00 a 100, $80.00 a 1000. Julius Roehrs Company, Rutherford, N. J.

Our cyclamen, our own strain, selected from the very best and well built plants and seedlings. Seed, $1.00 per 100, $5.00 per 1000; nearly all sold out. Augusu seedlings, $2.00 per 100; $7.50 per 1000. Plants, well set with buds, 4c., $5.00, $10.00 and $25.00 per 100. Orders amounting to $25.00, 10 per cent. Drawings of the many letters we received from satisfied customers. E. A. Trotter & Son, Niagara Falls, N. Y., say, “The plants are excellent, the flowers we have ever had and, if the next year is as fine as this, we will be perfectly satisfied.” Our aim has been to and we have, improved our strain every season. Cultural directions with every order. W. Winterich, Cyclamen Specialist, Defiance, O.

For List of Advertisers See Page 885

Horticulture December 16, 1911
Dahlias

Herbert, Acto, N. J.
For page see List of Advertisers.

Dahlias New for 1911

Dorothy Foster, List of J. Garcia, Casa-
et, Golden Wedding, New Century Dah
lias, New Century Dahlia, New Century dahlias. Write for surplus list and special prices. Peacock Dahlia Farms, William
town, N. J. Post Office, Berlin, N. J.

Dahlias—2000 field clumps, latest varie-
ties, choice, perfect stock; or what have you to exchange? Geo. H. Walker, Dahlia Ex-
change, Fairmead, Fort Edward, N. Y.

EAST BRIGHTWATER DAHLIA FARMS.
If you are looking for dahlias stock for pot or show, send for Trade List to the Dahlias King, J. R. Alexander, East Brightwater, Mass.

DECORATIVE PLANTS

For page see List of Advertisers.

For page see List of Advertisers.

John Scott, Brooklyn, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

Woodrow Dunn, 1113 East 10th St., New York, N. Y.
For page see List of Advertisers.

ERICHAS

Erie, meanderings. Perfect specimens in every way. 4 in., $1.50 per dozen; 5 in., $2.50 per dozen. Orders for larger plants on application. This is the best variety of Health for doritis use. H. Huebner, Grotto, Mass.

EVERGREENS

For page see List of Advertisers.

Rothrock & Green, Fairlawn, N. J.
For page see List of Advertisers.

Ferns

For page see List of Advertisers.

For page see List of Advertisers.

For page see List of Advertisers.

John Scott, Brooklyn, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

Frank Oercham, 4014 Quince Street, Phila., Pa.
For page see List of Advertisers.

Ferns for Dishes.

F. P. Ploosn, Carrrtown-on-Hudson, N. Y.
For page see List of Advertisers.

F. G. Hafton, Norwalk, Conn.
For page see List of Advertisers.

Boston Ferns, all sizes from 3 in. bench stuff to 8 in. pots. Prizes on application. Andrew B. Petersen, South Lincoln, Mass.

Anderson's fern for in and outdoors. Largest and best collection in the coun-

Scotti Ferns, 5-in. pots good stock at $1.25 per dozen; 6-in. pots, $1.50 per dozen; 8-in. ferns, $2.50 per 100. Cash please, J. H. Plater, Hamilton Avenue, North Bergen, N. J.

ROOSEVELT FERN as a Winner.

Boston Ferns, $1.00 per 100; $1.50 per 250; $2.50 per 500; $10.00 per 1000. Whittier Fern, 4-in., 36
inches, $1.50 per 100; 4-in., 25 in., $2.00 per 100; 5-in., 25 in., $2.50 per 100; 6-in., 25 in., $3.00 per 100.

In writing to Advertisers kindly mention Horticulture.
SWEET PEAS—WINTER FLOWERING
H. E. Wadsworth, Northboro, Mass.
For page see List of Advertisers.

Sweet Peas. Florentine-Downer, Watchung, Mrs. G. G. Knowles, Watchung, Mrs. C. H. Totty, Miss Joyce Kelly, Greenbrook, Mrs. Alex., Downer, watchung; several plants to the pot, $2.00 per 100.

TREE RENOVATION
John T. Witthas, Jr., Jersey City, N. J.
For page see List of Advertisers.

VEGETABLE PLANTS
Fox Farm, South Norwalk, Conn.
Tomato, Cabbage and Lettuce Plants.
For page see List of Advertisers.

VENTILATING APPARATUS
Pepelk. Chicago, Ill.
For page see List of Advertisers.

WIREWORK
Reed & Keiler, 122 W. 25th St., N. Y.
For page see List of Advertisers.

Wirework. Write for our catalogue.
Holton & Hunkel Co., Milwaukee, Wis.

W. E. Helmers' Wire Works 85-87 Broadway.

WOOD PRESERVATIVE
Conserv-a-wood Preservative doubles the life of all spruce. Preserve benches, posts, seats, or railing. Cost 5c, a stick, and saves ten times its cost. Sales & Inst. Inc., Mfg. Chemists, Mass., N. Y.

WIRED TOOTHPICKS
W. J. Cowee, Berlin, N. Y.
For page see List of Advertisers.

WHOLESALE FLORISTS
Boston
N. F. McCarthy & Co., 34 Hanley St.
For page see List of Advertisers.

For page see List of Advertisers.

J. H. Bean & Sons, Rochester, N. Y.
For page see List of Advertisers.

F. B. Page & Sons, Fairwell, Va.
For page see List of Advertisers.

For page see List of Advertisers.

The W. W. Harvard Co., Chicago, Ill.
For page see List of Advertisers.

SHEEP & SILL PLANTS
Buffalo, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

CINCINNATI, OHI0
The J. H. McQuilp&Co.'s Sons Co., 313 Walnut St.
For page see List of Advertisers.

CRAWFORD, CON.
A. N. Piersen, Crawford, Con.
For page see List of Advertisers.

DETROIT
Michigan Cut Flowers Exchange, 35 and 40 Broadway.
For page see List of Advertisers.

NEW YORK
M. C. Ford, 129 W. 25th St., New York.
For page see List of Advertisers.

A. M. Langhorne, 228 W. 25th St.
For page see List of Advertisers.

James MacCan, 55 W. 28th St., New York.
For page see List of Advertisers.

W. F. Skeats, 123 W. 28th St.
For page see List of Advertisers.

Win. H. Kuebler, 28 Willoughby St.
For page see List of Advertisers.

WIZARD BRAND SHEEP MANURE
Estate of F. H. Russell, Boston, Mass.
For page see List of Advertisers.
Tobacco Paper "NICO-FUME" LIQUID
OVER 40% NICOTINE

Furnishes the Most Nicotine for the Money
Manufactured by...
THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

NEWS NOTES.

Dalton, Mass.—J. R. Shiffled, for the last sixteen years superintendent for Mr. F. G. Cram, has resigned his position and will enter the commercial line, having bought a greenhouse establishment in Woburn, Mass., where he will take possession, February 1st, 1912.

Fall River, Mass.—The Watruppa water board has decided not to build a greenhouse as it was found that the lowest bid for its construction was higher than was looked for. The board has decided to see if the plants cannot be stored in the park commission greenhouse.

Victoria, B. C.—Brown Bros., of Vancouver, have purchased the store and greenhouses of the Fairview Esquimalt Greenhouses. A new location for the store has been secured and the present store will only be continued till the new location is ready. Mr. Bornholt is the new manager.

Providence, R. I.—William Patry has purchased the retail store of O. S. Hughes, which the latter opened about six weeks ago.

Leo Engel has opened a new retail store known as The Rosary at 395 Weybosset street. Mr. Engel also conducts the flower department of one of the large department stores here.

Boston, Mass.—The Flower Growers' Sales Co., Inc., have opened an office at 19 Park street with W. H. Welcbans as business manager. They have a good basement under the new store and a line of plants will be carried which could not be done in the old location. A large refrigerator is being built at the back of the store. The stalls in the flower market will be retained for a time at least.

Among the prizes awarded at the Maryland Week Exposition at Baltimore last week were the following:

Mrs. Henry Jacobs, 15 first and second prizes for orchids, roses, chrysanthemums, carnations and foliage plants.

John Cook, two silver cups valued at $25 each, the gift to the exposition of Mrs. Jacobs. One went for the best decorated table and the other for the best offering of foliage plants.

James A. Gary, first prize for poinsettia, and another for display of chrysanthemums. I. H. Moss, of Georgetown, was blue ribbon for window boxes and evergreens.

First prize for carnations to Charles Siegwart, of Carroll, Baltimore County. He also received a certificate of merit for a seedling carnation.

Prizes were awarded John McCormick also, for carnations.

Wilson Plant Oil & Fertilizer Company
ELIZABETH, N. J.
Horticultural Supplies

Cocoon Fibre Soil
is being sought after by all growers. Cover your lawns this fall and next summer you can have a green one.

20th CENTURY PLANT FOOD CO.,
37 Ocean St., Beverly Mass.

KILMDEAD
The best of all the tobacco dusts for

Dusting or Fumigating

The Best Bug Killer and Bloom Saver
For PROOF Write to
P. R. Paletorpo Co.
OWENSBORO, KY

To-Bak-In Products Kill Bugs
You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free.)

Use any form you choose but buy it of
E. H. HUNT, 131 N. Wabash Avenue, Chicago

Imp Soap Spray
Effective one in thirty-two
Single gallons, $1.50
Eastern Chemical Company
BOSTON

NIKOTEEN APHIS PUNK
Specially prepared for fumigating closed houses. It vaporizes the nicotine evenly and without waste. Nothing brings a house free from Aphids so cheaply.

NIKOTEEN
The most effective and economical material there is for spraying plants and blooms.

NIKOTEEN APHIS PUNK

DURING RECESS.

Chandley, 224 194 159 Young, 176 176 124
Nugent, 153 127 125 Ehrler, 126 125 120
Hunt, 175 175 175 Marshall, 188 190 181
Scott, 151 176 159 Buff, 119 123 125
Kakuda, 187 170 147 Mots, 119 145 —
NEW YORK STATE COLLEGE OF AGRICULTURE—BULLETIN
NO. 306.

This is the fourth bulletin in the peony series, being the result of the joint studies of the Department of Horticulture and the American Peony Society. This bulletin has been supervised by Professor John Craig and prepared by Mrs. L. D. Batchelor, assisted by Messrs. H. B. Farr and W. A. H. Hackett, representing the Peony Society. The bulletin contains a classification of the peonies in the Cornell plots and a careful description of all varieties thus far identified, along with their correct names and descriptions previously described is included. The publication reports the results of the investigation of the large co-operative collection of peonies grown on the Cornell grounds.

The collection originally was supposed to contain 1932 varieties but the work, which is rapidly approaching completion after seven years' study, gives indication that there are less than 500 distinct varieties. These have been described in the four reports and the list of synonyms has been prepared with great care. Studies were also made on the grounds of several specialty and club descriptions of a few additional varieties thus obtained are included in the bulletin. Practically every variety of the peony has been full described but for the information of intending planters lists are given of the best varieties for cut-flowers and for landscape effect.

A permanent collection of all the distinct varieties under their correct names will be maintained on the grounds of the Horticultural Department where it may be inspected by anyone interested in peonies.

A WORD TO ADVERTISERS AND OTHERS.

Mail deliveries of third-class matter are already noticeably delayed by the holiday blockade. Parties mailing electro or photographic papers in our advertising or reading columns should bear this in mind and send a day or two earlier than usual or still better, use letter postage up to a reasonable amount. If postage is close, add "special delivery" stamps, until the Christmas rush is over.

Cincinnati, O.—A store for the sale of Christmas greens has been opened by Wm. Murphy at 114 E. 3rd avenue. Ray Murphy is in charge.

Make the Farm Pay


250 page catalog free. Write today:

THE HOME CORRESPONDENCE SCHOOL

PULTRY and FRUIT REVIEW

A publication on the farm journal that reviews poultry and fruit papers in United States, will be sent on trial one year for 25 cents, to pay postage and postage, and names of three fruit specialists.

THE REX COMPANY
HARRISBURG, PA.

WANTS, FOR SALE, ETC.

Advertisements in this column one cent a word. Initials count as words.

Cash with order. All correspondence addressed to "HORTICULTURE" should be sent to H. Hamilton Place, Boston.

SITUATION WANTED

SITUATION WANTED in Massachusetts by an all around hort of over 25 years experience. Rose growing, fruit growing, and farming. Capable to take full charge. Now in charge of large rose growing establishment. Reasonable wages and permanent position desired. Married with children. Address N. L. HORTICULTURE


FOR SALE

FOR SALE—Summer Street Conserva- tories. Two practically new wooden frame greenhouses, one filled with first-class stock of pinks, the other with "boardroom" forms and palms. Also fit to be included in a large 15-room single house. In first-class locality, suitable for boarders or roomers. Three rooms for three horses, carriages, etc. This property situated on Summer street, Watertown, Mass., five minutes from town and electric cars. For further particulars apply to John T. Blade, 329 Summer st., Watertown, Mass. Phone N 854-M.

FOR SALE—Fresh from factory, new 10 x 12, 10 x 18, 10 x 24, double thick, A and B qualities. Market dropped. Now is the time to help Home Study Gardeners, Inc., 215-217 Havenav Street, Brooklyn, N. Y.

PUBLICATIONS RECEIVED.

The Pittsburgh Cut Flower Co. have sent out a beautiful little book under the title of Boxwood Sprays. In its handsomely illustrated pages the history, ancient and present uses, etc., of this classic decorative material, are told in an interesting manner. The cover is in green and berrycased.
Horticulture

Pearson Street,
Long Island City, N. Y.

A. H. HEWS & CO., Inc.

Main Office and Factories
CAMBRIDGE, MASS.

FOR “POT LUCK” TRY US...

HISTORY OF POTS

POT MAKERS FOR 140 YEARS

Write for Catalogue and Discounts

BEETLE'S "Riverton Special" Plant Tub

No. Diam. Each Doz. 100 20 100 In. @ $5.00 500 100 In. @ $14.50
10 20 In. $15.00 $35.00 $105.00
20 150 In. 12.00 15.00 $52.00
30 15 In. 1.00 11.50 22.00
40 14 In. .85 7.00 16.00
50 12 In. .48 5.00 10.00
60 10 In. .38 4.00 8.00
70 8 In. .30 3.50 7.00

HILFIGER BROS., Pottery, Fort Edward, N. Y.
August Balk & Sons, J. M. Barkley St., N. Y., City.
Agents. OUR SPECIALTY—Large distance and export trade.

SYRACUSE RED POTS

"A little pot is soon hot," likewise a ship pot. This will save you fuel. Our pots are the thinnest and strongest owing to the superior clay we use.

New price list on application.

SYRACUSE POTTERY CO., SYRACUSE, N. Y.

STANDARD FLOWER POTS

If your greenhouses are within 500 miles of the Capital, write us; we can save you money.

W. H. ERNEST

28th & M Sts., Washington, D. C.

Syracuse Pottery Co., Syracuse, N. Y.

SYRACUSE PO

ays for our Florist's Red Pots is prepared by pressing through a screen 1000 mesh to the square inch. It is a very heavy loamy soil, ready for use. Order yours now.

The Peter's & Reed Pottery Co., Farmville, Ohio.

Rubber Stamps, Stencils

Seals, Steel Stamps, Hotel Ruggage and Key Covers, Badges, Blueprinting Brackets, Pew Numbers, Numbering Machines, Check Protectors, Stencil Combines, Steel Alphabets and Figures, Indelible Inks, Stencil Colors and Brushes, Door Plates, Rubber Type, Elaborate Catalogue of nearly 100 pages sent free to first order or upon request. 1 cent stamps. Agents wanted.

THEREX COMPANY, Harrisburg, Pa.

The Florists' Association of America, insures of 25,000,000 sq. ft. of glass. For particulars address John C. Ester, 29 Saddle River, N. J.

POT MAKERS FOR 140 YEARS

WRITE FOR CATALOGUE AND DISCOUNTS

A. H. HEWS & CO., Inc.

Main Office and Factories
CAMBRIDGE, MASS.

1000 READY PACKED CRATES

STANDARD FLOWER POTS AND BULB PANS

can be shipped at a few's notice. Price per crate:

100 15 In. @ $5.00 500 100 In. @ $14.50
140 20 In. $15.00 $35.00 $105.00
200 15 In. 12.00 15.00 $52.00
300 14 In. .85 7.00 16.00
500 12 In. .48 5.00 10.00
600 10 In. .38 4.00 8.00
700 8 In. .30 3.50 7.00

HILFIGER BROS., Pottery, Fort Edward, N. Y.
August Balk & Sons, J. M. Barkley St., N. Y., City.

Agents. OUR SPECIALTY—Large distance and export trade.

SYRACUSE POTTERY CO., SYRACUSE, N. Y.

STANDARD FLOWER POTS

If your greenhouses are within 500 miles of the Capital, write us; we can save you money.

W. H. ERNEST

28th & M Sts., Washington, D. C.

Syracuse Pottery Co., Syracuse, N. Y.

SYRACUSE PO

ays for our Florist's Red Pots is prepared by pressing through a screen 1000 mesh to the square inch. It is a very heavy loamy soil, ready for use. Order yours now.

The Peter's & Reed Pottery Co., Farmville, Ohio.

Rubber Stamps, Stencils

Seals, Steel Stamps, Hotel Ruggage and Key Covers, Badges, Blueprinting Brackets, Pew Numbers, Numbering Machines, Check Protectors, Stencil Combines, Steel Alphabets and Figures, Indelible Inks, Stencil Colors and Brushes, Door Plates, Rubber Type, Elaborate Catalogue of nearly 100 pages sent free to first order or upon request. 1 cent stamps. Agents wanted.

THEREX COMPANY, Harrisburg, Pa.

The Florists' Association of America, insures of 25,000,000 sq. ft. of glass. For particulars address John C. Ester, 29 Saddle River, N. J.

POT MAKERS FOR 140 YEARS

WRITE FOR CATALOGUE AND DISCOUNTS

A. H. HEWS & CO., Inc.

Main Office and Factories
CAMBRIDGE, MASS.

1000 READY PACKED CRATES

STANDARD FLOWER POTS AND BULB PANS

can be shipped at a few's notice. Price per crate:

100 15 In. @ $5.00 500 100 In. @ $14.50
140 20 In. $15.00 $35.00 $105.00
200 15 In. 12.00 15.00 $52.00
300 14 In. .85 7.00 16.00
500 12 In. .48 5.00 10.00
600 10 In. .38 4.00 8.00
700 8 In. .30 3.50 7.00

HILFIGER BROS., Pottery, Fort Edward, N. Y.
August Balk & Sons, J. M. Barkley St., N. Y., City.

Agents. OUR SPECIALTY—Large distance and export trade.

SYRACUSE POTTERY CO., SYRACUSE, N. Y.

STANDARD FLOWER POTS

If your greenhouses are within 500 miles of the Capital, write us; we can save you money.

W. H. ERNEST

28th & M Sts., Washington, D. C.

Syracuse Pottery Co., Syracuse, N. Y.

SYRACUSE PO

ays for our Florist's Red Pots is prepared by pressing through a screen 1000 mesh to the square inch. It is a very heavy loamy soil, ready for use. Order yours now.

The Peter's & Reed Pottery Co., Farmville, Ohio.

Rubber Stamps, Stencils

Seals, Steel Stamps, Hotel Ruggage and Key Covers, Badges, Blueprinting Brackets, Pew Numbers, Numbering Machines, Check Protectors, Stencil Combines, Steel Alphabets and Figures, Indelible Inks, Stencil Colors and Brushes, Door Plates, Rubber Type, Elaborate Catalogue of nearly 100 pages sent free to first order or upon request. 1 cent stamps. Agents wanted.

THEREX COMPANY, Harrisburg, Pa.
DON'T LET PRICE BE THE ONLY CONSIDERATION

KING GREENHOUSES
SATISFY THE MOST DISCRIMINATING BECAUSE THEY ARE STRONG AND LASTING AND EASY TO KEEP IN REPAIR, THEY KEEP YOU FROM WORRY
AND GIVE YOU TIME TO GROW THINGS AND THAT IS WHAT A GREENHOUSE MAN WANTS SEND FOR QUESTION BLANKS

KING CONSTRUCTION CO.
Home Office and Factory Eastern Sales Office
N. TONAWANDA, N. Y. No. 1 MADISON AVENUE, N. Y.

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.,

SHARP, PARTRIDGE & CO.
Are Leaders In GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS. CHICAGO, ILL.

Dreer's Peerless Glazing Points
For Greenhouses
Durable and strong, because both beads are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No sight or leak.
The Peerless Glazing Point is patented. Numbers take it. Order from your dealer or direct from us.
$0.90, 25c. postpaid.

Mastica for Greenhouse Glazing USE IT NOW.
F. O. PIERCE CO. 12 W. BROADWAY
NEW YORK

GLASS
Cheap as Dirt
Have you had any prices on greenhouse glass, lately? Write us at once for our quotations. We'll surprise you.
Take advantage of the drop and book orders for future deliveries.
Our glass all new and fresh from factory.
Hot-bed sash and greenhouse material, dropped too
PARSHELSKY BROS. CO. 810 28TH Ave., Brooklyn, N. Y.

BOSTON PLATE & WINDOW GLASS CO.
Greenhouse Glass GERMAN AND AMERICAN
291 to 293 ST. BOSTON 28 to 22 Canal St.

LETS QUOTE YOU ON NEW AND SECOND-HAND
Boilers, Pipe, Fittings, Glass, Greenhouse Lumber, Tools, Sash, Etc.
METROPOLITAN MATERIAL CO.
578 Ocean Ave., JERSEY CITY, N. J.

KROESCHELL BOILER SEND FOR CATALOGUE

KROESCHELL BROS. CO. 466 W. Erie St., Chicago, Ill.

LOUISIANA RED CYPRESS GREENHOUSE MATERIAL
STEEL GUTTERS, TRUSSES, PURLINS, PIPE, FITTINGS, GLASS, Etc. PRIVATE AND CONSERVATORY WORK A SPECIALTY.
The Foley Manufacturing Co. 260 and Western Ave., CHICAGO
Temporary Hotels Office, 3024 Pine Street

SPECIFY ADVANCE VENTILATING APPARATUS when ordering building materials this spring. It will give you better service and longer service than any other machine on the market. We guarantee it to satisfy the most critical user.
Write for description and prices ADVANCE CO., Richmond, Ind.

SASH BARS 32 feet or longer HOT BED SASH PECKY CYPRESS BENCH LUMBER GREENHOUSES ERECTED AND EQUIPPED COMPLETE IF DESIRED
The A. T. STEARNS LUMBER CO. NEPONSET, BOSTON, M.A.

578 Ocean Ave., JERSEY CITY, N. J.

FRONT ELEVATION OF A VICTORIAN Theme Greenhouse, 22 feet wide. THREE STORY GREENHOUSE, 52 feet wide, 17 feet deep, 22 feet high, or with three tiers.

PATENTS Trademarks and Copyrights
Send your business direct to Wash agno.
Seven year and seven year better service. Personal attention guaranteed.
Twenty-five years' active service.
SPECIALTY: "Working on the Failures of Others."
About Greenhouses
In General and
This One In Particular

LILiUM HARRISSII
(The Bermuda Easter Lily)
LET US supply your wants in Lilies this season
We think we can make it to your advantage to do so, as regards both quality and price.
The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.
In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.
While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.
Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6-7 inch bulbs, 35 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.
7-9 inch bulbs, 200 to the case, $18.00 per case; full thousand lots, $75.00 per 1,000.
9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.

FERNS
We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.
Nephrolepis Bostoniensis and Piersoni, 6-in. pots .................................................. $0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis, and Harrisii, heavy 6-in. plants ....... $1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis, and Harrisii, heavy 10-in. plants .................. 2.50 each

F. R. PIERSOEP COMPANY,
Tarrytown-on-Hudson,
NEW YORK
CHRISTMAS GREETING

To all our friends and customers, and those few who are not, but ought to be. May the Holiday season be one of great profit to you, and your year prove as successful as the record breaking one we have enjoyed.

M. RICE & CO. 1220 Race Street PHILADELPHIA, PA.

THE LEADING FLORISTS’ SUPPLY HOUSE AND RIBBON SPECIALISTS
**GERANIUMS**

**SPECIAL OFFER.**—We will send 1000, 50 each, 20 varieties, our selection from 2 inch pots for $18.50; from 3 inch pots for $25.00.

<table>
<thead>
<tr>
<th>2-in. per 100</th>
<th>3-in. per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Varieties</td>
<td>$2.00</td>
</tr>
<tr>
<td>Ivy leaved and scented</td>
<td>2.00</td>
</tr>
<tr>
<td>Silver leaf Nutt, Mt. of Snow, Mrs. Pollock</td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Novelties</strong> (all the best listed in our catalogue).</td>
<td>\</td>
</tr>
<tr>
<td>Lobelia Kathleen Mallard</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Hardy English Ivy

Petunias, Double Mixed

Verbena, Red, White, Blue and Variegated

Lemon Verbena, Aloysia Citriodora

Swaingosia Alba

<table>
<thead>
<tr>
<th>2-in. per 100</th>
<th>3-in. per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2.00</td>
<td>$3.00</td>
</tr>
<tr>
<td>2.00</td>
<td>3.00</td>
</tr>
<tr>
<td>2.00</td>
<td>3.00</td>
</tr>
<tr>
<td>2.00</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**R. VINCENT, JR., & SONS CO., White Marsh, Md.**

---

**NEW YELLOW ROSE LADY HILLINGDON**

The finest yellow rose on the market, easily grown, most prolific bloomer. Flower a remarkable keeper, retaining always its superb color.

One of the most beautiful decorations of the year at a large Boston hotel was entirely of this rose.

*Write for Prices for Early Delivery of Young Stock*

**WABAN ROSE CONSERVATORIES, Natick, Mass.**

SALESROOM AND OFFICE, 3a SOMERSET STREET, BOSTON

---

**ROOTED ROSE CUTTINGS NOW READY**

Kaisers, per 100, $3.50; per 1000, $25.00

Perles, "3.50; "25.00

Maryland, "2.00; "15.00

All are choice well rooted stock from flowering wood.

BASSETT & WASHBURN

Greenhouses: Office and Store:

HINSDALE, ILL. 131 N. Wabash Av., Chicago

---

**BEST PALMS**

All Varieties, All Sizes. Send for Price List

Joseph Heacock

Wyncote, Pa.

---

**ROSES**

**For Greenhouse Planting**

Standard varieties in addition to the best of the new ones.

**DOUBLE WHITE KILLARNEY**

**KILLARNEY QUEEN SUNBURST**

**CHRYSANTHEMUMS**

We shall disseminate Chadwick Supreme, the pink sport of W. H. Chadwick, Smith's Advance, Roman Gold, Standard chrysanthemums, all commercial varieties.

BEDDING STOCK in quantity for the spring trade.

Our Catalog covers these, and will be ready Jan. 1. Have your name added to our mailing list

A. N. PIERSON, Inc.

CROMWELL, - - CONN.

---

**CHRYSANTHEMUMS**

We are booking orders for early delivery of all the best Commercial and Exhibition varieties, either new or old. When in need remember we make Chrysanthemums a specialty.

ELMER D. SMITH & CO.

Adrian, Mich.

---

**CHARLES H. TOTTY**

Wholesale Florist

Chrysanthemum Novelties My Specialty

Madison, N. J.

---

**LORRAINE BEGONIAS**

Strong 2¼ in. stock, ready for 3½ in Per 100, $15.00; 250 at $14.00 per 100

**ROEHRS**

Azaleas, Palms, Lorraines, Crotons

RUTHERFORD, N. J.

---

**FERNS FOR DISHERS**

Assorted varieties, 2-in. pots, $3.50 100; $30.00 1000; N.O. at 1000 rates.

Cash with order

FRANK OECHSLIN

4911 Quinley St. - CHICAGO, ILL.

**Just Received, a Large Assortment of AZALEAS**

in the very best commercial varieties, in all sizes, at Lowest Prices.

A. LEUTHY & CO.

Perkins Street Nurseries, Roxbou, - Boston, Mass.

Price list on application
### HORTICULTURE

December 23, 1911

---

**Boddington’s Quality Flower Seeds for Florists**

SELECTED SEEDS, SUCCESSFULLY SOWN, SECURE SURE, SAFE AND SERVICEABLE SATISFACTION.

Remember you may deduct 5 per cent. if cash accompanies order.

---

### AGERATUM

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt. OZ</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexicanum album</td>
<td>$0.10</td>
<td>30c.</td>
</tr>
<tr>
<td>White Perfection</td>
<td>$0.10</td>
<td>25c.</td>
</tr>
<tr>
<td>Imperial Dwarf Blue</td>
<td>$0.10</td>
<td>25c.</td>
</tr>
<tr>
<td>Impulse Dwarf White</td>
<td>$0.10</td>
<td>25c.</td>
</tr>
<tr>
<td>Little Dorothy</td>
<td>$0.10</td>
<td>25c.</td>
</tr>
<tr>
<td>Swanley Blue</td>
<td>$0.10</td>
<td>25c.</td>
</tr>
</tbody>
</table>

**ALYSSUM**

White Gem. A grand improvement on Little Gem being much more compact; grand for bedding. Trade pkt. 25c., oz. $1.00.

---

**ALPINES**

BODDINGTON’S Alpines are famous. Write for catalogue of other varieties and prices.

---

**BEGONIA—Continued**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt. OZ</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Somniferosa</td>
<td>$0.25</td>
<td>50c.</td>
</tr>
<tr>
<td>Vernon grandiflora, ½ ft. A fine bedding plant with red flowers and glossy bronze red foliage</td>
<td>$0.25</td>
<td>50c.</td>
</tr>
</tbody>
</table>

---

**CINERARIA**

Cineraria maritima, ½ ft. Trade pkt. 50c., oz. $1.00.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt. OZ</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cineraria maritima “Diamond.” A fast improving plant of the above. Foliage very white, leaves much serrated. Trade pkt. 50c., oz. $2.00 per oz.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**CENTAUREA**

Caudiculima | $0.25 | 50c. | $1.00

---

**GREVILLEA ROBUSTA**

(Silk Oak) Trade pkt. OZ | $0.35 | 75c. |

---

**COWS**

**LOBELIA**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt. OZ</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erinus grandis, trailing</td>
<td>$0.10</td>
<td>25c.</td>
</tr>
<tr>
<td>Erinus speciosus, deep blue</td>
<td>$0.10</td>
<td>25c.</td>
</tr>
<tr>
<td>Crystal Palace compacta</td>
<td>$0.25</td>
<td>50c.</td>
</tr>
<tr>
<td>Perfection of mixed colors, each oz.</td>
<td>$0.35</td>
<td>75c.</td>
</tr>
</tbody>
</table>

---

**MYOSOTIS**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt. OZ</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eliza Foraker, excellent for pots, blue</td>
<td>$0.10</td>
<td>25c.</td>
</tr>
<tr>
<td>Patulius Semperflorens, ever blooming</td>
<td>$0.25</td>
<td>50c.</td>
</tr>
</tbody>
</table>

---

**PETUNIAS**

BODDINGTON’S Quality Double Fringed. Our double Petunias have reached the highest standard of excellence, and may be confidently relied on to produce a large proportion of double flowers of exquisite beauty and great size. Trade pkt. 50c., oz. $2.00, trade pkt. 100c., oz. $4.00.

---

**POLYANTHUS**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt. OZ</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BODDINGTON’S Snowball. Double best. pure white, ½ ft. Trade pkt. 60c., trade pkt.</td>
<td>$0.50</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

---

**PYRETHRUM**

[continued]

---

**SHAMROCK**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt. OZ</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>(True irish) Small-leaved</td>
<td>$0.40</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

---

**SALVIA**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt. OZ</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clara Bedman (Donna). ½ ft</td>
<td>$0.75</td>
<td>50c.</td>
</tr>
<tr>
<td>Splendens (Scarlet Sage)</td>
<td>$0.75</td>
<td>50c.</td>
</tr>
<tr>
<td>Splendens, Ball of Fire. Very dwarf and early</td>
<td>$0.75</td>
<td>50c.</td>
</tr>
<tr>
<td>Splendens acumbescens (Silvery)</td>
<td>$0.75</td>
<td>50c.</td>
</tr>
<tr>
<td>Splendens Carminola (new)</td>
<td>$0.75</td>
<td>50c.</td>
</tr>
</tbody>
</table>

---

**STOCKS**

BODDINGTON’S Quality Large-Flowering German Ten-Weeks Stocks.

---

**GIANT PERFECTION**

White. Pyramidal long stems of large double flowers, splendid for glass culture and for door prizes. Trade pkt. 25c., oz. $0.50, oz. $1.00.

---

**QUALITY VERBENA**

BODDINGTON’S Mammoth Hybrid Verbena. A strain of very vigorous growth, producing trays of large flowers of brilliant and varied colors.

---

**VINCA**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt. OZ</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpha, white</td>
<td>$0.10</td>
<td>25c.</td>
</tr>
<tr>
<td>Rosalea, rose and white</td>
<td>$0.10</td>
<td>25c.</td>
</tr>
<tr>
<td>Mixed</td>
<td>$0.10</td>
<td>25c.</td>
</tr>
</tbody>
</table>

---

We are headquarters for Sweet Pea of every description. Our Wholesale Catalogue of Quality Seeds and Bulbs (In now ready), contains 32 pages of Seeds and Bulbs you need. Write for it today—a postcard will fetch us.

---

### ARTHUR T. BODDINGTON, Seedsman

342 W. 14TH STREET, NEW YORK CITY
Oriental Poppies

If asked which is the showiest and, above all, the most intense-colored hardy perennial for near and distant effect, I believe I would unhesitatingly say, the Oriental Popy. There is nothing brighter than the vivid orange-red of a mass of huge flowers of Papaver orientale standing out boldly against the green leafage of shrubs or trees, with a swaying surface of lawn as foreground. Seeing the same large flowers on a herbaceous border and beholding the silky-lustered petals surrounding the almost black center at close range, the whole, in character, is bound to impress us as a veritable revelation of beauty, irresistible even to the dullest eye. Certainly, we have seen this beauty since the earliest days of our vocation, and yet, it exerts its charm anew every ensuing season. As a true representation of that marvelous, but fleeting beauty of the Orient—the land of the wonders of Arabian Nights, of gay colors in apparel and flowery language, we love and cherish Papaver orientale. The sudden bursting forth of glory and its quick vanishing away is the inside feature which, perhaps imperceptibly, intensifies our admiration.

We have been freely planting Oriental Poppies and we shall move so continue in the future as soon as we keep abreast of the times and do not any longer overlook the fact that during recent years a number of new garden hybrids of merit have come to the front. Most conspicuous among these introductions are the salmon pink shades, represented by these varieties: Princess Victoria Luise, Salmon Queen, Silberblick, Queen Alexandra, Lady Roscoe and Mary Studholme. Of the scarlets Goliath is the most robust growing one, with immense flowers on extraordinary long, erect and stiff stems. Other large flowering varieties of similar shade are: Duke of Teck, Rembrandt and Royal Scarlet. Mahogany bears dark crimson maroon flowers, while Prince of Orange and Brightness appear in shining orange red.

The general attitude of American society toward these novelties has been most favorable. Especially the delicate salmon pink shades have met with keen interest and unreserved approval. They are, indeed, acqui-sitions of value. Landscape gardeners and garden architects, when making their plans for new herbaceous plantations cannot afford to omit the new garden hybrids of Oriental Poppies.

Flowers of poppies need careful handling, when used for indoor decoration. They should be cut early in the morning, while just beginning to burst open. If kept out of draught, they will fully develop in water and stand up for at least two days.

In the garden the foliage is to be removed from the plants, as soon as it commences to dry off. New leaves appear then again during August and September to stay until the frost comes.

Richard Rothe
Northeast Harbor, Maine.

Seasonable Notes on Culture of Florists’ Stock

ACALYPHAS

These plants are very ornamental and can be used for mixed borders or subtropical bedding and they also can be grown into excellent pot specimens suitable for using in a good many ways. Where you have old plants they can be cut back to good wood, some of the old soil shaken out, and then repotted into fresh soil. Place them in a temperature of 65 to 70 degrees and keep well syringed, with a moist atmosphere, and in a few weeks they will be covered with young growth which will be just the thing for a batch of cuttings. These can be placed in a strong bottom heat in sand and kept quite close with some shade and they will soon root. When they have rooted move them into 3-inch pots, give them some good loam, leaf mold and well-rotted manure as a compost and keep them in the same temperature until they have become well established, when they can be grown in from 60 to 65 degrees at night and these will make by spring very serviceable stock for either decorative or bedding use.

CYMBIDIUMS

It is always better with these orchids to do any repotting or top-dressing just when they show signs of making new growth. When potting it is well to do it in such manner that they may go without any more potting for two or three years or longer, as they grow into finer specimens and flower more freely when the roots are not disturbed so often. They succeed in a compost, one-half of fibrous loam, in which all the finer particles have been screened out and the other half
equal proportions of leaf mold, peat and chopped live sphagnum, intermixed with some coarse sand and lumpy charcoal. The pots should be about one-third full of potsherds and charcoal to give good drainage. Work the material firmly around the fleshy roots, leaving the base of the plant just even with the top of the pot. Until they begin to make new roots water very sparingly, but when they become established give due attention to watering as they will want a more liberal supply. Give them a temperature of about 52 to 55 degrees at night and with sun heat let it run up to about 70 degrees. Such varieties as Cymbidium eburneum, C. Lowianum, C. giganteum and C. Lowi eburneum, are all beautiful orchids of lasting qualities.

CYPRIPEDIUMS

As these orchids go out of flower they should be overhauled and divided where they are getting too large. Pot culture is preferable with most species. When repotting be sure to use clean pots to prevent any attack of fungus and half fill the pots with clean crocks and some lumps of charcoal intermixed so the drainage will be effective. A thin layer of sphagnum should be laid over the crocks and charcoal. The plant can then be placed in position and the compost pressed in through the roots rather firmly, finishing the surface off in a convex shape. A good general compost to use is two parts of fibrous peat, one part of chopped live sphagnum, and for species such as Cyripedium insigne one-third of fibrous sod chopped up added to the above will grow them good. They should have from this out a well ventilated and bright house. Of course air will have to be admitted in less or greater quantities according to the outside conditions of the weather. When the temperature on bright mornings has reached 65 degrees they should have a little air put on, gradually increasing until the maximum of 72 is reached and reduce the air the same way. With dull days, about 68 degrees should be maintained, with 10 degrees less at night until the approach of spring. Give them enough water at the roots to keep the compost moist, but allow them to dry out occasionally so as to keep the compost sweet. Syringe overhead on good days.

CULTURE OF PALMS DURING WINTER

To ensure a free, healthy growth later on when the season arrives for renewed activity in root action, all the family of palms should now have a short season of rest. This can be brought about by lowering the temperature in the different departments, ventilation and less moisture in the atmosphere and at the roots. All palms of a tropical nature can be reduced to about 60 degrees at night, while the cooler growing kinds can have as low a temperature as 50 degrees, with advance of 10 degrees with sunshine. Ventilation should be given with intelligence so as not to cause draughts or sudden falling or rising of the temperature. A dryer atmosphere is an indispensable factor to produce the required conditions for resting palms, but sufficient water should be used on walks under benches for the prevention of a harsh, dry air. Plenty of light is of great importance, especially through the winter season, but care will have to be taken that they have enough of shade when the sun’s rays become more powerful, to prevent the scorching. Give water only when necessary, so as to keep the soil in the pots from getting saturated. It is well to go over and give all palms a good cleaning and sponging about once a mouth. This will keep down insect life.

DRACAENAS

From now on there is no better time to increase your stock of the many fine dracaenas. The most expeditions way of propagating these plants is from the ripened stems. If you have any old plants that have attained a considerable height and have lost a good many of their lower leaves, these can be utilized for propagation; also imported stems can be procured for this purpose. The stems can be cut up into pieces, with two eyes to each piece, and placed in a warm propagating frame where there is a bottom heat of 80 or 85 degrees. They root well in a mixture of coarse sand and chopped sphagnum in equal parts. Just cover the pieces and keep the atmosphere in a humid state and most of the pieces will start and push up young shoots. When these have made a growth of two or three inches they can be cut from the old stem and placed in a warm propagating bed where they will soon root. When they have made some nice roots they should be potted into 3-inch pots, using a mixture of turfy loam three parts, leaf mold one part, and a liberal sprinkling of sharp sand. Keep close and shaded for about ten days so they become well established, when they can be placed in a house of 60 to 65 degrees at night which will push them along.

GETTING READY FOR GRAFTING ROSES

Manetti stock is arriving now and should have care. Lose no time in having it unpacked, and while doing this pick the bunches that have the buds swelled so they can be potted right away; the others can be heeled in a cool shed or cellar that is frost proof, placing loam between the alternating layers. They can stay here until wanted for potting. It is a good plan to pot up as many as possible on arrival. Be sure to have them potted good and firm, they can then be given a house where the temperature stands from 10 to 15 degrees at night and give them a good soaking of water, with a syringing on all bright mornings. When they have made some roots they can be given a temperature of from 50 to 55 to hurry them into right shape for grafting.

THE FORCING OF TULIPS

Tulips that were boxed up early and have their flats well filled with roots can now be placed in a house where they will have a temperature of about 50 degrees at night. As growth advances they can be given anywhere from 60 to 75 degrees at night, but you will get your best flowers with about 60 degrees. Where you want quick development, the higher temperature will have to be given. Provide some shade with some light material such as cheese cloth, in order to produce a good stem. Keep plenty of water at the roots, with lots of moisture in the atmosphere, and you will have ideal conditions.

John J. M. Farrell

Mr. Farrell’s next notes will be on the following: Asparagus; Redding Begonias; Care of Geraniums: Have Your Propagating Beds Ready; Hydrangeas for Easter; Roots Stored Under Benches.
Fruits and Vegetables Under Glass

LATE GRAPES

Now is the time we value good grapes. Right at Christmas time we appreciate them as much as on a hot summer evening. With suitable varieties planted and proper treatment it is an easy matter to have good plump berries on into the New Year. Knowing the right sort to plant for this purpose is half the battle, as most late grapes can be grown as mid-season to early varieties but to put the shoe on the other foot means a short fit. The best known and consequently most grown late grape is Black Alicante—easily distinguished by the heavy shoulders carried by most bunches. This variety will hang longer than any other and seldom does a berry go wrong in it. Like most late grapes it has extra thick skin which is rather unpalatable, but is the secret of its keeping powers. A vigorous grower, of lasting constitution, sets very freely and stands the hot summer sun without a scald or burn. Undoubtedly the latest and best keeping late grape grown.

Lady Downs Seedling is often coupled with the foregoing, a variety of more recent introduction, carrying a smaller bunch of slightly better flavored berries. At certain stages of its growth it is liable to burn and scald, consequently is not so reliable. Gros Colman is a well-known late grape, its large foliage and magnificent berries at once attracting attention. This grape takes a long time to ripen and will soon show signs of over cropping or poor treatment. The fruit must be thoroughly ripe before using. It is second-rate in flavor at all times, but best just before the berries would shrivel. Often assumes a reddish tint which does not make it look so inviting as Alicante.

Apply Tower's is one we find keeps well up to December 1st. The flavor is superior to any of the foregoing up to this date. It ripens three weeks to a month earlier than they, but keeps well while hanging on the vines. Medium size in bunch and berry, the flesh of which is sweet and juicy. This would be an acquisition to any late house furnishing first-quality fruit before the others come in.

Late white grapes are not so numerous. Muscat of Alexandria will keep a long time after ripening, but cannot be classed as a late grape. Lady Hutt has many good points to recommend it. The flavor is excellent, of medium size of bunch and berry, sets very freely and keeps for a considerable time without shriveling. This grape can be had in great shape for Christmas. When the object is to keep the crop as late as possible, keep the house cold through the early spring, leaving full air on night and day. The buds can be allowed to burst before any set temperature need be applied, after which it should not fall below 45. Grow them as cool as advisable right along and after the fruit is ripe in the fall gradually drop the house down to 45. Keep the atmosphere dry and whenever rain or fog make it damp, keep a gentle warmth in the pipes. With ripe fruit hanging, at no time should they be allowed to become real hot. Let the temperature drop first. Excessive fire heat causes the berries to shrivel. A gentle heat with air on at all times should be the axiom.

POT VINES AND PEACHES

Pot vines and peaches started the first of the month should now have their temperatures raised to 45 to 50 at night. This will be sufficient for the peach trees until they are in flower. Keep the house well moist to encourage the trees to break, and shut up early enough to raise the temperature to 65 or 70. Trees that are anyway sluggish in bursting their buds can be treated to a little steam in the atmosphere by spraying water on the hot pipes.

TYING IN PEACH TREES

Nothing is more pleasing in a fruit range than a perfectly shaped peach or nectarine tree tied on to a trellis. Often it takes some years to attain the desired effect—an evenly balanced and symmetrical tree, covering the whole trellis with good fruiting wood. Nor can this be attained with winter tying alone. During the whole growing season this end must be in view. The commencement is right from the time of disbudding and continues right through the season. When a growth is “headed in” its position and size at the season’s end should be carried in the “mind’s eye.” In so doing you can see what wood will be discarded at the next winter pruning and so you are ahead of your job and can train them in the way they should go. Every growth should be kept straight and no two should cross. The bottom of a tree should always be a first consideration as this is not usually abundantly furnished with strong young growths. See that as much good wood as possible is laid in here and the center will always fill itself up. It is advisable to leave a small space in the center on this account. The object in tying a tree thus is that it should look like the ribs of a gigantic fan—no two branches meeting each other if they were to be extended. To commence, tie the stronger branches into position first with strong string and the smaller ones will find their places afterwards. Leave room enough in the ties for the branches to swell and keep them from pressing hard against any part of the metal trellis by placing a thin lathe or piece of old hose pipe cut through the center between them, otherwise they are liable to “gum” as the metal becomes hot with the summer sun.

EFFECT OF WATER ON MUSHROOMS

Watering a mushroom bed is usually conceded to be the last drive for a crop. Beds having cropped for some considerable period will gradually wear out and watering will put new life into them for a time. This has a peculiar effect on a few of the smaller fungi that may be just emerging from the soil. They are unable to live in the sodden soil for a few hours until it can dry out a little, turn black and are useless. As long as a fair amount of mushrooms are coming, refrain from watering as this certain loss is bound to be felt. Were it possible to keep the soil half moist during the whole time the greatest results would be achieved, as it is always noticeable how a crop comes through after a watering and the bed has got to this state of “half and half.” When watering use water having a temperature of 65 to 70 and soak the bed.

George H. Benson
It has been a very common habit with many old-school gardeners in this country to deplore the decline of interest in the cultivation of the so-called hard-wooded greenhouse plants.—New Holland and Cape plants, etc.—in recent years, and to make comparisons between the present day florist and his predecessor of a generation ago, not at all complimentary to the judgment or cultural attainments of the plantmen of today. This line of criticism has been aimed solely at the American grower. But we notice in The Garden, of London, issue of December 2, 1911, a lengthy communication lamenting over a similar decadence as prevalent in England, the writer intimating that the gardener under glass of the present time is far from being the equal of his fellows whose displays of ericas, epacrices, boronias, eriostemons, hoveas, and the like were the crowning triumphs of cultural skill as displayed in the shows of the past. It is some consolation to know that the deflection from old-time standards is, therefore, not local but that if we have fallen from grace we have done it in good company and, further, that the contributing causes have been practically the same, viz., the encroachment of the soft-wooded plants on the field, due in a large degree to the advancement in greenhouse construction and heating facilities—conditions which are not to the liking of the old-time hard-wooded favorites, the disappearance of which all plant lovers must regret.

In the following pages we have endeavored to set forth in a somewhat fragmentary manner the stupendous achievements of Victor Lemoine and to remind our readers, while the man is yet alive, of the invaluable services he has rendered to horticulture. If Victor Lemoine's garden children were to be all eliminated from our nurseriesmen's stock and catalogues it would leave an appalling void and a large share of our garden beauty would be gone. If Begonia Gloire de Lorraine alone should be taken from the florists' holiday plant list, how sadly we should miss it! In awarding the George R. White Medal of Honor to this world benefactor, the trustees of the Massachusetts Horticultural Society made no mistake. It is safe to say that no individual of the world over, has done more or as much for this cause, not only in recent years but for more than half a century by Mr. Lemoine. As far back as 1856 he received the Medal of Honor of the Exposition Universelle in Paris. The great work of Lemoine as a hybridizer is too well known to require comment now, except that we cannot refrain from again alluding to its amazing scope. While other hybridizers have distinguished themselves with one or perhaps two genera of plants, Lemoine's work has extended over many, while his work on one of several genera, such as Syringa, Philadelphus, Denizia, Clematis, Gladiolus, or Begonia (several other genera might be enumerated) alone, would have well entitled him to the honor he is now accorded. The work of Victor Lemoine, like that of the Darwins, is a family work. Mr. Emile Lemoine has co-operated with his renowned father for many years and the third generation is already interested in it. But the horticultural world will with unanimity agree with us when we express the hope that the distinguished senior member of the house may yet be spared many years to continue his great and useful work.
The announcement a short time ago in these columns that the trustees of the Massachusetts Horticultural Society had awarded the George Robert White Medal of Honor for the current year to Victor Lemoine of Nancy, France, as the person who has done the most during the year or in recent years to advance the interests of horticulture in its broadest sense, brought to us so many expressions of approval of the award that we feel sure our readers will be interested in learning more regarding the achievements of this great man. For much of the information herein presented we are indebted to our esteemed German contemporary, Moller's Deutsche Gartner-Zeitung and to our translator, Mr. Gustave Thommen. Coming as it does through a German medium the unqualified praise and recognition of merit extended to

a Frenchman by our contemporary on an occasion some four years ago has deeply impressed us (and doubtless many others) with the universality of horticulture and the utter ignoring of political or racial divisions and prejudices which is everywhere characteristic of the true follower of this, the noblest pursuit in which man can engage.

Almost sixty years of honorable and highly successful work, in one of the most difficult lines of horticulture, is the record of the subject of our sketch. Since 1855 Victor Lemoine has devoted himself and his time to the development of new and useful varieties of the horticulturists' most cherished subjects. There is no spot on this wide world wherever plants and flowers are raised, where we do not find representatives of Lemoine's hybrids or introductions: no florist or gardener, who has not, at one time or another, handled Lemoine's produc-

tions, ignorant though he may have been of the name of his benefactor.

The gardening world may well be proud of the many men who have made for themselves an honorable name by their diligent work in some particular, circumscribed specialty, but Victor Lemoine is the man of all men, who has been able to master the art of hybridizing in an astonishing degree and in so many and widely diversified lines. For three score years he has worked, unostentatiously and without boastful claims and furnishing a notable contrast with the vain-glorious and preposterous propaganda put forward in recent years on behalf of inferior operators in this field.

Very often, indeed, the gardening world could not foresee or realize from the modest, brief announcements

of Lemoine's novelties, what treasures were being placed within their reach. Still hale and hearty and laboring as industriously as ever this grand man at the age of 88 continues his loved occupation and it is to be hoped that a life so glorious and useful may be extended for years to come.

Victor Lemoine was born at Delme (Lorraine), Oct. 21, 1823. His ancestors for generations back had been gardeners. After his college studies at Vic-sur-Seille he devoted several years to traveling and then worked successively for Bauman at Bollweiller (Lorraine), and Louis Van Houtte of Ghent (Belgium), also Miellez of Lille (France), and in 1850 established himself, with small means, as a florist and landscape gardener at Nancy (Lorraine). There he was a member of the town council from 1871 to 1888. On June 13, 1885, he was made a knight and on April 3, 1894, an officer of the

View in the Gardens of Victor Lemoine
Reproduced from Mollier's Deutsche Gartner-Zeitung
Legion of Honor of France. Lemoine is Hon. Vice-President of the Central Horticultural Society of Nancy, Hon. Member of the National Horticultural Society of France, the Royal Society of Agriculture and Botany of Ghent, the Royal Horticultural Society of Munich, etc., and is also corresponding member of the Massachusetts Horticultural Society, Boston. He had the honor of being the first foreigner to be presented with the Veitch Medal by the Royal Horticultural Society of London.

The first results of Lemoine's labor (double-flowered portulaca) were mentioned in the Revue Horticole, 1852. Then in 1854 the first double potentilla was introduced to the trade under the name of "Gloire de Nancy." Also his first Streptocarpus hybrids, produced by crossing S. biflorus with S. polyanthus in the hands of Veitch gave rise to the many now widely-distributed beautiful varieties. At the same time Lemoine tried to improve the fuchsia and raised the double-flowered hybrid "Solférino," which was well thought of for many years.

In 1862 Lemoine introduced Spirea callosa alba. The same year he succeeded in raising several hybrids of Monochaetum, among others M. Lemoinei and M. sericeum multitubum, both of which are still cultivated. Also Clematis lanuginosa candida, a hybrid from C. lanuginosa and C. patens. In 1863 he gave to the trade Clematis erecta fl. pl., and in 1864 C. lanuginosa nivea, the first clematis with large white flowers. He also endeavored to improve the pyrethrum and introduced some twenty new double varieties which are still found in most collections. Eight varieties of mimulus, hybrids of M. cupreus and M. quinquenervius were evolved the same year. In 1865 Clethra barbinervis, Stachyurus praecox and Weigela arborescens were introduced, and in 1866 Hydrangea paniculata grandiflora and Xylos- xenium Philomelae. Spirea syringaeflora and S. intermedia, hybrids of S. callosa, also Delphinium clatum Ketekelleri, were raised. This same year, Lemoine sent out the first genuine double-flowered Zonal pelargonium, under the name Gloire de Nancy. This is the parent stock of all the beautiful double-flowered varieties which are now raised everywhere. At the exposition in Paris (1867) there were already quite a number of varieties in evidence, amongst others: M. Lemoine and Marie Lemoine, rose, and Triomphe, scarlet.

1867 was made notable by the introduction of Abutilon malvaceum from Mexico and Platycentrum Sieboldii, from Japan. In 1868 Lemoine succeeded in crossing Biuvilla and Weigela (W. arborescens and D. multiforma) and raised amongst a number of new varieties, Weigela Lavalloii, which has not been superseded to this day. The next year he set out to study the influence of scion upon stock and in proof that such really exists, he produced Abutilon veillariun variegatum through grafting. In the same year he introduced Wistaria macrobotrys, Pyrethrum Tehatchewii and Ceanothus Gloire de Versailles: also raised Begonia hybrids Duchartrei—a hybrid from B. Pearcei and B. subpeltata—Saxifraga crassifolia ciliaris and Clematis latanigosa Otto Froebel. In 1870 came the introduction of Stauntion hexophylla and the raising of Weigela Lemoinei and other similar varieties, by crossing W. rosaen with W. multiflora, and in 1871 Lemoine gave to the trade the double-flowered white Clematis Lucie Lemoine. The same year he raised Saxifraga cressifolia ful. aureo-marmorata and Begonia alata coccinea by crossing B. Sedeni and B. Veitchii. In 1872 he introduced Abutilon Boule de Neige and raised Begonia Corail Rose, from B. Veitchii and B. roseaflora also Philadelphus dianthiflorus plenum.

In the year 1874 Lemoine surprised the gardeners with his first double Tuberosa Begonia, B. Lemoinei, which was followed in the course of the next few years by Gloire de Nancy and a large number of double varieties of all colors. In 1876 he also introduced Philodendron Croix de Lhomme, with striped flowers, Clematis integrirota Duandi and Salvia pratensis purpurata and raised Pelargonium Mad. Thibaut, double.

In 1875 he succeeded in crossing Libonia floribunda and L. Perulosa-iensis producing Libonia rutilans, and introduced Fuchsia Boliviana from Mexico.

His introduction in 1876 of Dahlia graciolis brought into vogue the single-flowered dahlias. The same year he brought out a number of new varieties of Primula cortoides, of which kind there were then only three or four sorts known. He introduced Oxalis Ortigiesi from Peru, Salvia nigrescens from Bolivia and Gynernum jubatum from the Chimaborosso mountains and by crossing Clematis lanuginosa with C. Jackmani he raised Andre Leroy and others. Further he raised this year Weigela Abel Carriere, still one of the finest today, also the single Lilac Jaques Callot and Gloire de Lorraine, and eight more varieties of double tuberos begonias.

In 1877 Lemoine introduced Hydrangea Japonica elegansissima and Begonia racemiflora from Mexico and raised Abutilon Darwinii gr., four new varieties of Pelargonium peltato-zonale, also Zonal pelargonium Paul LouisCourier, besides several double pelargoniums. At this time only one double variety (with lilac-colored flowers) was known. Then he gave to the trade this year a number of new fuchsias, early and late flowered. In 1878 he introduced Iresine Wallisi and Nandina monstrosa var. from Columbia and raised several valuable new pelargoniums, mostly dwarfs. At the international exhibition in Paris, he showed the first double-flowered Lilac (Syringa Lemoinei), Gladiolus Lemoinei and Gladiolus Marie Lemoine. These latter were produced by crossing Gladiolus purpureo-aureus from the Cape and a variety of Gladiolus Gandavensis. In 1879 he introduced Lobelia Iutea, Rubus phoinicocladus, Clematis coccinea and C. viticella alba, also raised Weigela Emile Galle, Ceanothus Aerosat and Phare, besides five new Primula cortoides and Philadelphus multiflorus pl. In 1880 he introduced Carpenteria californica, Hydrangea jap. fol. tri-color, Arnebia echioides and Clematis Marie Boisellet and raised double Pelargonium Chamouier Faidherbe. In 1881 he introduced Cerasus Sieboldii fl. pl., Chrysanthemum Gloire Raymonde and other plants and raised Wistaria frutescens alba, Syringa Rubella pl., Pelargonium Belle de Jour and Begonia Davisi hyb. fl. pl.

In 1882 Lemoine introduced Tausonia Jamesonii from Quito and raised Primula cortoides Mine. Emile Galle, Fuchsia boliviana rosea, Pelargonium Jeanne d'Arc (white), P. La Rosiere. Syringa Mathieu de Dombase (double), Gladiolus Lafayette, etc. He gave to the trade Monbretia croco-mono-flora a double-crossed seedling from M. Pottsi and crocosmia aurora. In 1883 he introduced Streptosolen Jamesonii and Philadelphus phillophilus from California and raised a number of new clematis, gladioli and fuchsias, also Philadelphus roseaealora pl.
His 1881 introductions included Begonia manicata aureo-nucaleata and Abothon Thomsonii f. pl. Raised Begonia semperflorens gigantea rosea and armeniaca, Pelargonium Emile Lemoine and the double Belle Nancienne. A number of worthy varieties of delphiniums, primulas and gladioli were also raised, besides Pavonia intermedia, a cross from P. Makoyana and P. Wooton. In 1885 Lemoine raised the double hydrangea Miroir and Lemoine fringed B. Alfred Neumee and liathea, several geraniums, montbretias and the double lilacs Alphonse Lavallée and Michel Bauhmeier.

In 1886 the overflowing fuchsias were produced, by crossing trade varieties with P. Ricartoni. Also to the trade the double Begonia Incendie, the striped geranium Citoyen des deux Mondes, Gladiolus Mme. Lemoine and Vesuv, Weizhliu Congo and the double lilacs President Grey y undo Mons, Maxime Corru and Pyramidal.

In 1887 Clematis La France was introduced. This year he raised Heliotrope giganteum, a cross from H. peruvianum and H. incanum, Fuchsia Mrs. E. G. Hill, Pelargonium Gallicae. Bouvardia flavescens f. pl. and the white La Favorite, Gladiolus E. V. Hallcock, Montbretias Drap d'Or and Eldorado, also the double lilacs Comte Horace de Choiseul, Mme. Jules Fingr and Senateur Volland. In 1888 he introduced Eaaengus Simon trioleu. Raised several clematis, lilacs, begonias, Phlox decussata Echeurie, Gladiolus Amirat Kranitz, Lemark, M. Leveque, Paotole and Venns de Milio, also the Montbretias Rayon d'Or and Transcendent. This year also gave him Philadelphus Lemoinei, a cross from Philadelphia microphyllus from California with Philadelphia of the trade. This established a line of plants with small foliage and rare scented flowers.

In the same year introductions included Begonia Gera-noides and B. Nancienne, Eucaphis'staphileoides, Doublecatherine Lemoinei, Begonias Lafayette and octoptela. He raised Montbretia Soleil Conchaat and the lilacs Jean Barth and Emilie Lemoine. Lemoine also gave us this year Gladiolus Nancianus, a cross from his best G. Lemoinei and G. Saundersianus from Capeland. He showed for the first time the sorts: Comte de Chois-eul. Maurice de Vilmarin, P. Du Chartre and President Carnot. In 1890 he introduced Aralia cashmeria, Cle-matis Baron Veillard, Asparagus retrofractus arboresce, Syringa Bret-schneiderii and pubescens, also Begonia Baumann with scented flowers. Raised and sent out the winter-fowering Begonias Triomphe de Lemoine and Triomphe de Nancy, the double Clematis viticella La Nancienne, Philadelphus, Lemoinei erectus, Gladiolus Lemoinei Alice Wilson, Gil Blas and Nuce blen Gladi-olus Nancianus Harry Veitch and Le Grand Carnot, Montbretia Aurora, Phlox Flamanx, the double, light blue Lilac President Carnot and the double white Mme. Lemoine. His 1891 introductions were Deutza parvia-flora, Primula Poissonii, Lonicera Sullivantii and Chrys-anthemum Louis Boecher. Raised Spirea Bumalda ruberima, the Phloxes Etna, Matador, Pantheen, the double Lilas Belle de Nancy and Comtesse Horace de Choiseul, the Weigela Descartes and Pasca.l.

From now on the raising of new varieties in so many different lines of plants became really prodigious and we have room only to mention the most important of the sorts sent out by Lemoine, between 1891 and the present time. 1893 brought the grand Begonia Gloire de Lorraine, a cross from B. sarothana and B. Trigge Barbarea spinosa, Hillia tetrandra, Tamarix kashe-garcen, Osteomeles anthidioides, Panax sessiliflorum and Viburnum diohtatum, Fuchsia Alfred Colomb, Begonia coronaria and numerous other things. In 1894 he sent out Anemone Lady Widdrann (Jap), the first Jap-a-
HISTORY of the FLORISTS' CLUB of PHILADELPHIA

By DAVID RUST.

The Florists' Club of Philadelphia was permanently organized on Oct. 5, 1886. For a year previous to this time there had been a temporary organization to prepare to entertain members of the Society of American Florists at their Annual Convention to be held in August, 1886. Unfortunately, we have no record of this temporary organization, nor of the first year of the permanent organization of the Club; therefore, the details of what happened during these two years are only to be obtained from some of the members who were active at that time, and as details obtainable from the different members do not agree in many respects, it is difficult, therefore, to form an accurate idea of the happenings during these two years. We know that Robert Craig was the first president, both of the temporary organization, and also of the permanent organization of the Club, and also Edwin Lonsdale was the first secretary. But we have no record of how long Mr. Lonsdale acted as secretary. He was elected secretary of the S. A. F., at the meeting here in August, 1886, therefore it is probable he resigned the secretaryship of the Club when he took up the duties of the secretary of the S. A. F., January 1, 1887.

Previous to the temporary organization there had been in existence a Growers' Association, the members of which used to hold meetings at Bell Head Hotel in West Philadelphia, to fix the prices of chiefly soft-wood-cutting plants. Also, previous to the temporary organization there had been in existence another association known as the Florists' and Growers' Association. From what we can gather, this association met at 13th and Market streets, and had probably been in existence about three years. The American Florist in March, 1886, published an extract from the Philadelphia Times of January 17th, stating that the florists of Philadelphia held their Third Annual Banquet the night previous, and that the previous and this was the banquet of this society previously spoken of.

The first reference I can find to the Florists' Club of Philadelphia is in the records of the Pennsylvania Horticultural Society. Under date of March 15th, 1886, is the following extract:

"An appeal was made by a member in behalf of a fund for the entertainment of the Society of American Florists, at their convention in this city in August next. This matter was referred to the Florists' Club of this city to prepare and submit to this Society a resolution on the subject. At the following meeting of the Pennsylvania Horticultural Society held April 15, 1886, the following resolution was adopted:

Whereas, The Society of American Florists has decided to hold its next Annual Convention in Philadelphia, and as there will be 600 to 800 horticulturists from all parts of the United States; therefore, be it

Resolved, That the Florists' Club of Philadelphia (which club being organized for the reception and entertainment of these visitors, has the hearty endorsement of the Penna. Horticultural Society, which approves of the object of the said Club, and respectfully asks its members to contribute towards defraying the necessary expenses of the entertainment of the delegates, and therefore, making the reception worthy of the Horticulturists of Philadelphia.

The above will plainly show that at this time there was only a temporary organization, for the purpose of organizing and care of the members of the S. A. F., at their second convention. The meetings of the Club were now being held in the Library Room, Horticultural Hall.

In the American Florist, under date of November 15, 1886, Edwin Lonsdale says: (speaking of the Florists' Club), "it has now been made a permanent organization, that is to say, it was organized temporarily for the purpose of aiding the Convention of the S. A. F., but it had such a good influence on all concerned that there was nothing left but for it to become permanent. It is destined to be of service both to the Convention and to the Pennsylvania Horticultural Society."

We know that the convention was held, and that it was a great success. One of the chief features of this convention was the entertainment of the visitors by Mr. George W. Childs at his country place "Wootton," Bryn Mawr, on Friday, August 20th, at which there were in attendance eight hundred persons. The photograph of this event was here brought into the hall club room, and in token of the kindness of Mr. George W. Childs, the Florists' Club presented him with a large bouquet, also, the photograph—a photograph of which we also have here in the club room. On the previous day the delegates to the convention entertained this large audience (numbering about seven hundred and occupying ten cars). They were entertained at dinner at the United States Hotel by the Florists' Club. Our records show that there were 529 persons registered as members of the S. A. F. at that convention. Robert Craig tells us about this meeting, which was the second of the S. A. F., that the late Peter Henderson was very skeptical as to the S. A. F. Conventions being successes, as it would be impossible to get a number of florists away from their business for a whole week in order to attend a convention; and that in his opinion the matter would be a failure. The Colosonde Hotel had been selected as headquarters for the S. A. F. delegates. By 7. P. M. on Monday, of the convention week, the Colosonde Hotel was filled up, members having arrived all day long from various parts of the country, and those coming at night had to seek other hotels. Mr. Henderson then admitted that he was wrong and that the success of the con-
GLADIOLUS NOTES.

Regarding Mr. Gage's complaint concerning the sterility of gladiolus bulbs, would say that with proper handling these old bulbs will yield bulbs from that normally they are freely produced, experiments along this line having given me good results regardless of the care and treatment, but further experimenting is needed to prove what are the underlying causes of sterility and fertility.

What is the matter with the so-called "pure" bulbs? This is a very easy question equally as easily answered, they are not bred right. Augusta thus far has proven itself to be the very best all around gladiolus, all things considered, of all we have ever tried, regardless of color.

We have had very dry followed by very wet spells, and vice versa, through them all Augusta is the one sort that has never shown the ill effects of unusual and severe conditions, and this proved itself in every way. We had practically no rain from May 1st to Aug. 17th this season. While we keep the cultivator and waterers in an almost continual state of conditions, still under such adverse conditions many sorts showed rapid deterioration in certain stages of development, while others showed evil symptoms first, then brilliant reds.

With the following whites, viz. - Alice, Alice Carey, Blanche, E. Kurtz, Europa, Hoheitenfien, Peace, Reine Blanche, etc., it proved me that a very good one, to compare relative vigor, robustness, etc., and above all Augusta showed its superiority. Peace perhaps is next best but this sort was subject to a very bad suffusing of red giving a distinct pinkish east at a distance but still a very desirable sort. Alongside of these we have many seconds, which also proved superior to withstand severe adverse conditions, thus convincing us that the system of breeding Dahlia is perfectly scientifically and practically correct. Among these second sorts are many with plants taller than Peace, larger flowers than Europa, larger spikes, very heavy petals, large bulbs, prolific breeders, some with only a few and some with many blooms open at once.

Some years ago we had a stock of over 500 bulbs of the grand Isabel. It was a very dry season followed by two weeks of very wet conditions followed again by extreme change to severe dryness and in a few days we could see our grand Isabel going more rapidly each day to its doom. We had dissolved them into about fifty runty bulbs of which only a few grew. This may serve as a history with us of many whites as well as other colors. This season the Melanges were glorious, another complete failure, but I have every confidence in it as a superior sort, which we have increased in very great number. Is any of these newer sorts will not stay with us long owing to their breeding being faulty.

In extreme conditions highly colored sorts are disintegrative. Brood from highly disintegrative sorts their progeny will be likewise bred right, and may be bred at will, and this is true of other colors.

Any fluting may be intensified or eliminated at will if right breeding is done.

Any or all characters of a plant may be increased or diminished if right methods are followed.

C. HETSCHER.

Dahlia Variabilis.

Yes, Mr. Editor, variabilis is its proper name, as years of culture have demonstrated over and over again. Apropos of the article by Alexander MacLeod, the suggestion may also apply to growers as well as dealers. As a general rule novices are not honest, as the world calls honesty, but when a dealer runs short of stock quite a temptation offers to substitute or deliberately seed something else. We have known this to be done and we have also known it to be done alone, the same line by growers. You don't know when or how they have done it, but they have anything that is called for, and also they don't like to return the money or lose business, as the other fellow might. So you must be on guard the next six months of the flower business.

We have known this to be done and we have also known it to be done alone the same line by growers. You don't know when or how they have done it, but they have anything that is called for, and also they don't like to return the money or lose business, as the other fellow might. So you must be on guard the next six months of the flower business.
GARDENERS’ AND FLORISTS’ CLUB OF BOSTON.

The regular monthly meeting of the Gardeners’ and Florists’ Club of Boston was held Tuesday night, December 19, in Horticultural Hall. The most important business was the election of officers for the ensuing year. The ballotting resulted in the election of Thomas Pegler, of Wollaston, president; William J. Kennedy, of Brookline, vice-president; William N. Craig, of North Easton, secretary; Peter Fisher, of Ellis, treasurer; Herman H. Bartsch, of Waverley; Peter M. Miller, of Boston, William J. Patterson, of Wollaston, and William Sim, of Cliftondale, executive committee.

Fred E. Palmer gave a very interesting and instructive talk on “Dynamite and Its Uses in Garden and Farm,” being his own experience and observations. He was enthusiastic over its employment for time and labor-saving, ease of use and its economy. Some interesting discussion followed. A report of the outing to Framingham was heard and it was the universal opinion of those who attended that it was one of the most enjoyable trips ever taken. It was recommended that the club take in more of these field days, as aside from the social side, much business benefit could be secured. Private men may not see any direct benefit from visiting commercial places, but they can never know how soon points gleaned from a commercial place may come in handy. About eighty took the trip to Framingham.

Among the exhibits were noted a vase of red carnation St. Nicholas, from Baur & Steinkamp, Indianapolis; a fine display of Zonal Pelargoniums, from W. N. Craig, among which were Paul Crampeil, an excellent red much used abroad and coming more into use in this country; snapdragons, from H. Hiebner, Groton, Mass., among them being a new pink winterflowering variety which is said to be best from October to March, free-flowering, and giving evidence of much promise for the future; azaleas and begonias, from W. W. Edgar Co., and a hybrid Fressia, from G. Blyekein, of Framingham.

AMERICAN GLADIOLUS SOCIETY.

A meeting of the Executive Committee of the American Gladiolus Society was held in New York City on December 6th, with the following members present: Arthur Cowee, A. T. Boddington, E. W. Pongar, I. S. Hendrickson.

The matter of a die and medals was taken up and discussed. It was finally decided to purchase a die and offer ten sets of medals the first year to as many local Horticultural Societies. It was thought best to offer a silver medal for first prize, and bronze medal for second prize, the ten sets of medals to cost $70.00.

The matter of registration bureau was then taken up, and it was decided to combine this committee with that of the Nomenclature Committee already established, with trial grounds at Ithaca, New York, where all tests can be made. Regarding certificates of merit it was the sense of the meet-

WESTERN DAHLIA AND GLADIOLUS ASSOCIATION.

The Western Dahlia and Gladiolus Association held its first annual meeting, Friday, Dec. 15, at the Hotel Sherman, Chicago, and the bulb show at 66 Randolph street. The meeting was called to order and adjourned to the rooms with the exhibits, and the program was carried out with the exception of two papers from members unable to be present.

Following the papers on the Gladiolus and its Future, by A. E. Kunderd, and Hybridization and Culture by H. W. Koerner, was a general discussion enjoyed by all. Carl Cropp gave some interesting points regarding late development of the corns of gladiolus and dahlia clumps showing that both plants largely increased in size and solidity late in the fall, but care must be used in not leaving them too late to be injured by severe frosts. He also suggested there might be a profitable future for the Cottrell type of gladiolus—Blushing Bride and others.

S. W. Piko of St. Charles, Ill., gave it as his opinion that late development of the bulbs was definitely disadvantageous. The paper on American Bulbs, read by E. S. Thompson, completed the program.

Business of the association was then taken up. It was decided to appoint a committee on nomenclature, so that the work could be started at once. M. Crawford was appointed as such committee. The proposition to hold an exhibition of flowers in connection with the Society of American Florists was placed in the hands of the executive committee, to correspond and have charge of the same if decided upon. The annual meeting of the association for the election of officers shall be held at the annual bulb show, some time in December of each year, date to be fixed by the executive committee.
No immense things were expected but those who have worked for the association feel well repaid with the results. Mr. Kenyon, as well as the treasurer, Mr. W. H. Hunt, and anyone interested missed a good thing if they did not look over the results of the annual meeting. The report is available.

The treasurer's report shows a steady increase in the membership, which has reached 500 members. The society has made the following expenditures:

- $250 for the purchase of new equipment
- $100 for travel expenses
- $50 for publication costs

The officers are: President, Mr. J. H. Marston; Vice-President, Mr. W. H. Hunt; Treasurer, Mr. E. H. Dole; Secretary, Mr. W. H. Boyd; and Assistant Secretary, Mr. E. H. Dole. The society's officers are well respected and have done an excellent job.

AMERICAN ROSE SOCIETY.

The members of the American Rose Society seem to be alive to the appeal of the roses, and the annual meeting is going to be held at Detroit, in January.

This is a little earlier and a little different from hitherto, but from information now in hand, it would seem there is no danger of a fine spread. We already have word of some entries. Another matter of interest, is in regard to the name of the Double Imperial Kilburn, which was filed with the American Rose Society, and which exhibit took prizes and recognition at Boston, but owing to confusion in name, and upon request of various people this rose will hereafter be called "Double White Killarny, Keuter's Strain."

The list of guarantors is steadily increasing, and the morning's mail brought three new names. The interest which the members of the American Rose Society are evincing shows there is a hearty interest among the rose growers. The show will be in combination with the Carnation Society, backed up by all the Michigan people. Hawaii, New York, California, and the Westcoast, will give on some evening, an illustrated talk concerning his visit to England last June.

BENJAMIN HAMMOND.

December 18, 1911.

NEW YORK TO DETROIT.

The Transportation Committee of the New York Florists' Club have made arrangements as follows: Leave the Grand Central Station, 5 P. M. Tuesday, January 9, arriving at Detroit, 7:15 next morning. Tickets for this train will be on sale at the Secretary's office, and reservations for berths, etc., should be made by January 8th at the latest. Fare, one way, $16.00. Party tickets for ten or more, will make the fare $13.25. Lower berths, $3.60; upper, $2.80; compartment, $10.00; drawing room, $15.00. All those going from the east are invited to join the New York party. Any other information may be had of Frank H. Tracy, 135 W. 24th street.

Frank H. Tracy, W. F. Sheridan, John Young, committee.

YONKERS HORTICULTURAL SOCIETY.

On Friday, December 15th, a meeting was held, and officers elected for the ensuing year. The balloting resulted as follows: President, Howard Nichols; vice-president, A. C. McElroy; secretary, Louis Taylor; corresponding secretary, John Watts; executive committee, Louis Millot, Thos. Mahoney, and James MacDonald, for two years and R. Cochran, H. Wells, and H. Wells, to serve for one year.

A prize was offered for the most meritorious exhibit, and R. Cochran was awarded first for a well colored Amaryllis (Hippeastrum) in a six-inch pot. Louis Millot was placed second with some remarkably fine poinsettias with large well-built up bracts. Mr. Hoffman received honorable mention for a very pretty dwarf conifer.

W. R. J. Watts, Sec. Cor.

Massachusetts horticultural society.

The program of lectures and discussions during the season of 1912 has been issued. The lectures will be held at Horticultural Hall, Boston, on Saturdays, at 2 o'clock, P. M., with the exception of the inaugural meeting, January 6. The list is as follows:

January 6.—Inaugural Meeting. Annual Reports.

January 13.—Vocational Agricultural Education. By Rufus W. Stimson, Boston, Special Agent for Agricultural Education, State Board of Agriculture.


January 27.—Insect Pests of the Garden and Orchard. By Prof. Edson F. Hitchings, Orono, Me.

February 3.—No Lecture on this date. Mid-winter Flower Show.

February 10.—General Discussion on Flower Culture. Opened by Robert Cameron, Superintendent Botanic Garden, Cambridge.

February 17.—Famous Diseases of the Beet and Other Roasts. By Dr. Haven Metcalf, Pathologist, Department of Agriculture, Washington, (The John Lewis Russell Lecture.)

February 24.—A Year's Vegetable Supply from the Home Garden. By William N. Craig, North Easton.

March 2.—General Discussion on Flower Culture. Opened by Wilfrid Wheeler, Concord.

March 9.—Planning and Starting an Orchard. By F. A. Smith, Superintendent Turner Hill Farm Orchards, Haverhill.

March 16.—My Fourth Botanical Expedition to China. By E. H. Wilson, Arnold Arboretum, Jamaica Plain.

March 23.—No Lecture on this date. Spring Flower Show.

March 30.—Color Arrangement in Flower Gardening. By Mrs. Francis King, Alma, Mich.

St. Louis Florists' Club.

The St. Louis Florists' Club held its monthly meeting Thursday afternoon, December 10th, in Odd Fellows' Hall, with a satisfactory attendance, this being the last meeting the club would hold this year. The trustees surprised the members with a few boxes of good cigars to those present at the meeting and there was quite a lot of interesting matters which kept the members busy discussing them.

Haut & Steinkamp brought a vase of the ever red carnation rose, which was at once the centre of attraction for the carnation growers. M. F. Weidner of Highland Hall, Ill., sold a plane of carnations and sold quite a lot of them to the local trade. Thomas Carroll, one of the old members, was present for the first time in ten years. Mr. Carroll is ill. The members gave him a little Christmas purse, which Mr. Carroll accepted with a neat response. All the old committees made final reports and were dissolved, and Mr. Carroll's absence was greatly regretted. An interesting hour was spent discussing queries from the question box. Next meeting, January 11th.
HYBRIDIZING THE GLADIOLUS.

(A Paper by H. W. Koerner.)

The principal points to be considered in hybridizing in gladiolus crossing are habit of stem, number of flowers open, flowers set close to the stem and well expanded and most important of all, the color.

I don’t like the Lemoin type, although I think there is a time coming when they will go ahead of any other type, but they multiply faster: the reason I don’t like them is because they generally have crooked stems and only two to four flowers open at once. I can pick out any variety but I never take the Le- mina stems because they are so ugly and the flowers do not grow to their full size.

Dahlias pollination is more difficult. To do the work right you must employ a strong magnifying glass to see the anthers which should be cut off and to select the ripe pollen. I always select free flowering and long stemmed variety; I never use the short stemmed or shy bloomers or short stemmed varieties, for there are too many of that kind on the market already.

The best time of day for crossing is between 12 and 2 o’clock P. M., on a bright, sunny day.

Hybridizing is in its infancy and I am sure that there will be entirely new types and shapes never yet seen in both dahlias and gladiolus and in peonies as well.

As to culture, there is not much to say; any soil that produces corn or potatoes will grow dahlias and gladiolus, but plant deep—at least four inches below the surface. Gladiolus should be planted early and dahlias late.

CLUB AND SOCIETY NOTES.

We have been informed that a Florists’ Club was organized in Lancaster, Pa., on Oct. 23rd, but names of officers and other details are lacking. We wish them all success.

The Florists’ and Gardeners’ Club, Annapolis, Md., held a meeting and supper the week of Dec. 11. The supper was followed by a discussion of plans for the coming show.

J. K. M. Parquhar of Boston lectured before the Horticultural Society of New York at the Museum of National History, New York City, on December 16, his topic being “The Gardens of Italy.” A splendid series of lantern slides were shown and the lecture was enjoyed by an audience which filled every seat in the hall.

The florists and gardeners of Holyoke, Mass., met recently and organized a new club to be known as the Florists’ and Gardeners’ Club. The following officers were elected: President, George H. Sinclair; vice-president, Edward J. Canning; secretary and treasurer, Fred Bartlett; executive committee, D. J. Galivan, William Pickey and Reginald Carey. The club will meet the first Tuesday in each month at the last meeting to be held at the Smith College greenhouses, Northampton.

Obituary.

Henry F. Lord.

On Saturday, December 16, Henry F. Lord, treasurer of the Lord & Burnham Co. of Irvington, N. Y., met with a fatal accident. Mr. Lord was very fond of machinery of all kinds and took great pride in keeping his automobile in first-class running order himself. Last Saturday afternoon he remarked to a person whom he met on his way to lunch that he was going to enjoy himself that afternoon by beginning to overhaul his automobile. Soon after lunch he left the house, and when he failed to return after dark his family became anxious, and called up several of his friends to find out if he was with them. Failing to locate them they began to search and soon his son, Arthur, discovered him pinned under his automobile in the garage. He summoned help, and the body was soon extricated. The doctor who was summoned said death must have been instantaneous as the entire weight of the automobile rested on his body.

Mr. Lord had removed the wheels and had the machine resting on blocks. In loosening some of the parts he must have moved it so that it tilted the blocks, allowing the automobile to fall.

The funeral was held at his residence at Irvington, Tuesday afternoon. It was largely attended, and the floral tributes lined the room on all sides.

The decease was a son of Mr. Lord, founder of the firm of Lord & Burnham Co. and ever since leaving college has been associated with the company in the manufacture and building of greenhouses. He was born in Buffalo, N. Y., March 21st, 1855, and has resided in Irvington forty-one years, the family having moved there when Henry was fifteen years old.

Mr. Lord was a man through and through, always bright, cheerful and kind. To know him was to love him, and he was widely known and respected in Irvington and all the adjoining towns. By his death the Lord & Burnham Co. loses one of its most trusted and faithful officers, and he will be greatly missed by all members of the company.

Mr. Lord leaves a widow, three sons and one daughter.

Lucius S. Fife.

Lucius S. Fife, florist, died at the home of his daughter, Mrs. Charles E. Bueck, on the Buckland Side, Shelburne Falls, Mass., Dec. 15, aged 70 years. He was born in Cleveland, O., Dec. 27, 1840, and came to Shelburne Falls with his parents when nine years of age, and had made it his home ever since. Mr. Fife established the first greenhouse in Shelburne Falls in the early 80’s, and had been in the florist business up to a few months ago, when he sold out his business.

Henry Adam Sauer.

Henry Adam Sauer, 64 years old, well known florist of Northeast Minneapolis, Minn., died at his home, 14th Adams street, N. E., on Dec. 12. Mr. Sauer was born in Winkeldorf, Hanover, Germany, coming to this country in 1880. He moved to Minneapolis in 1888 and conducted a florist shop until last July, when ill health forced his retirement. He is survived by his wife, two daughters and two sons.

Charles E. Clarke.

Charles E. Clarke, florist and market gardener, Vienna street, Newark, N. J., was found dead on the road, Dec. 20, of apoplexy, being dead from apoplexy. Mr. Clarke was born in Chatham, N. Y., and went to Newark twenty years ago, being engaged in the florist business. He was an active garage worker and frequently lectured before them. He was 69 years of age.

Frederick A. Seidlich, Jr.

After a long illness, Frederick A. Seidlich died at the home of his father in Catonsville, Md. For several years he conducted a greenhouse on Five Avenue, Catonsville. He was a member of the Baltimore Gardeners’ and Florists’ Club.

Frank Pierkovski.

Frank Pierkovski, florist, of White Plains, N. Y., died at White Plains hospital on Sunday, December 17, aged 57 years. The funeral took place on Wednesday. Mr. Pierkovski was a long-time member of the New York Florists’ Club.

Anthony Schramm.

Anthony Schramm, member of the firm of Schramm Bros., Toledo, O., died Dec. 1, of typhoid fever, aged twenty years. His mother, three brothers and one sister survive him.

Arthur G. Greartex.

Arthur G. Greartex, aged 66 years, died soon after taking up his new duties at Muir’s greenhouses at Scranton, Pa. He was formerly employed by Morrell Bros.

J. Q. Mulford of Lebanon, Ohio, was recently crushed to death when a stone wall fell on him.

Bridgeton, N. J.—The flower store of Theodore Edwards, Irving avenue and Commerce street, was destroyed by fire on December 11. No insurance.
LILIUM HARRISII
(The Bermudian Easter Lily)

LET US supply your wants in Lilies this season

We think we can make it to your advantage to do so, as regards both quality and price. The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers, whose stocks have been worked up from the true, original stock. In order to ensure the health of the plants, the bulbs are not grown on the same field or in the same season as the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted, no fresh manure is used, and this prevents disease and ensures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs after the New York Florists' Club with a view to their being dug and shipped to us, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good, it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock, and when this is disposed of, we shall have no more to offer.

While the quantity of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiforum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 6-7 inch, as usually offered.

6-7 inch bulbs, 353 to the case, $15.00 per case; full thousand lots, $40.00 per 1,000.
6-7 inch bulbs, 200 to the case, $8.00 per case; full thousand lots, $75.00 per 1,000.
9-11 inch bulbs, 100 to the case, $18.00 per case; full thousand lots, $175.00 per 1,000.

FERNS

We have an exceptionally nice lot of ferns in the following varieties,—good, bushy, well-planted plants that will please the most critical buyers. Plants have been grown in pots, and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-in. pots ............................................ $0.60 each
Nephrolepis Elegantissima, Piersoni, Bostoniensia, and Harrisii, heavy 8-in. plants ....................................... $1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensia, and Harrisii, heavy 10-in. plants ............................................. $2.50 each

F. R. PIERSON COMPANY,
Tarrytown-on-Hudson,
NEW YORK

BRITISH HORTICULTURE.
Carnation Show.

An interesting and varied collection of blooms was seen at the show of the Perpetual Flowering Carnation Society, in London, on Dec. 5th and 6th. The leading trade growers were well represented. The gold medal for a group of carnations was secured by W. E. Wallace, of Eaton Bray, Dunstable, Bedfordshire, whose fine display included May Day, White Perfection, Scarlet Glow, Daylight, Brittanin, Enchantress, Rose Pink Enchantress, White Enchantress, Winder, Carola, Gloriosa, etc. There was only one competitor for the Brunton cup for three vases of British novelties distributed since 1909, this being B. E. Bell, of Castel Nursery, Gowerley, who exhibited Constance, Judith and Coronation. The American Carnation Society presented a challenge cup for three vases of American novelties. This was secured by Mr. Wallace with Gloriosa, May Day and Scarlet Glow.

B. E. Bell was second and W. Wells & Co., of Merstham, Surrey, third. Altogether the show was considerably in advance of those of previous seasons.

National Dahlia Society.

The annual meeting of this society has recently been held in London. A letter was read from Mr. Edward Mawley, resigning his office as president, owing to his health. This announcement was received with the members' deep regret, warm-hearted tributes being paid to his long and valued services. The annual report stated that the society had held two shows during the year, one at the Crystal Palace, and the other at the Royal Botanic Gardens, Regent's Park. The dry season had considerably influenced the quantity and perfection of bloom, and in consequence the exhibits were not so numerous as in previous seasons. A series of trials was carried out by Messrs. Cannell & Sons, of Swanley Point, Kent. The trials brought into prominence the best varieties for garden decoration, and the report of the committee of inspection will be published in due course. In order to assist the society in its work members of the trade have most generously decided to forego their prizes in the nurserymen's classes for the present year. By this means the society has been able to increase its work, and now has a balance on the credit side. More than 20 new members have joined during the year, and the majority have taken part in the exhibitions. The committee had offered a gold, a silver-gilt and a silver medal for competition at the International Horticultural Exhibition next year. George Gordon, editor of the "Gardener's Magazine," was appointed president, Joseph Cheal, of Lowfield Nurseries, Crawley, chairman of committees, J. Green, Derham, Norfolk, treasurer and E. F. Hayes, London, secretary.

W. H. Aldred.
HEADQUARTERS FOR
Araucarias, Ferns, Palms, Rubbers, Etc.

Leeana to Birds, 6-8 ft., 6.50 per pt. 7-9 ft., 8 per pt. 10-12 ft., 10 per pt. 13-15 ft., 12.50 per pt. Araucaria robusta compactum and glauca, 6-8 ft., 6.50 per pt. 9-11 ft., 9 per pt. Rubbers, those growing to 25 inches high, 3.50, 3.75, 4 per pt. Those growing to 35 inches high, 3.50, 3.75, to 5.50. Those growing in 5-inch pans, made up of three plants, large, 75c. per pt. Cash with Order, Please

GODFREY ASCHMANN

1012 W. Ontario St., PHILADELPHIA, PA.

HYBRID ORCHIDS

FLORED AND UNFLORED-

Julius Roehn Co., Rutherford, N. J.

ORCHIDS

Largest Importers, Exporters, Growers and Hybriddists in the World
SANDER, St. Alban's, England and 259 Broadway, Room 721 NEW YORK CITY

GYRIPEDUM CAUDATUM

We have received a small importation of this almost extinct orchid and can offer a limited number of same at moderate prices. Write for particulars.

LAGER & HURRELL, SUMMIT, N. J.

DIRECT IMPORTATIONS

Ray Trees, Kentias, Azaleas, Valley Pips, Roses, Rhododendrons, Haworthias, Plantains, Evergreens, Figs, Elsias, Raffia, etc. etc.

Nurseries in France, Holland, England and Japan.

McHutchison & Co. 17 Murray St. New York, N. Y.

AZALEAS

Net, nine and twelve dollars per dozen. Pink, white, variegated and red. Retail in small sizes only.

BECONIAS

3-inch 90c. 6-inch 95c. 7-inch $1.00 each. 9-inch extra for 15c. each. 3-and 4-inch, $1.50 each.

CYCLAMEN

5-inch $5.00 per dozen. Larger plants 15c. each and $7.00 per dozen.

PRIMROSES

5-inch $3.00 per dozen. A FINE LINE OF PRIMROSES FROM 13c.00 TO 5c.00 PER PIECE ALSO FLOWERS OF PLANTS FOR CHRISTMAS.

JOHN MCKENZIE, North Cambridge, Mass.

ROBERT CRAIG CO.

ROSES, PALMS, and Novelities in Decorative Plants

MARKET and 49th STREETS, PHILADELPHIA, PA.

PALMS, FERNS and DECORATIVE PLANTS

JOHN SCOTT

Rutland Road and E. 45th St.
Tel. 2630 Bedford BROOKLYN, N. Y.

NEWS NOTES.
W. Springfield, Mass. — George Conley, of Maple street, has been remodeling his plant the past few months and a new heating outfit has been installed.

Holiston, Mass. — Jeremiah Long, florist, has received a verdict of $115 against John C. F. Shayton for plants and flowers and his services in decorating Shayton's home at Millis in June, 1909. Shayton had protested the bill as excessive.

Those who have occasion to measure the diameter of carnation flowers will find the scale cards issued by Kroeschell Bros. Co., of Chicago, a most excellent and handy device. The cards of points used by the American Carnation Society in judging is also printed on the face of the card. Sent by mail by Kroeschell Bros. on request.
THE LATEST SILVER MEDAL ROSE

The new Sargent rose, originated by Jackson Dawson, now offered for the first time for fall 1912 delivery. As this stock is limited book your orders early. $1.50 each

Other Roses originated by Jackson Dawson:

**LADY DUNCAN, DAWSON, DAYBREAK, FARQUHAR, WM. EGAN and MINNIE DAWSON**

Write for prices.

**Eastern Nurseries, 1090 Center St., Jamaica Plain, Mass. HENRY S. DAWSON, Mgr.**

---

**B. & A. SPECIALTIES**

**PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.**

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill Station is the second stop on Main Line of Erie Railroad.

**BOBBINK & ATKINS**

Nurserymen and Florists

Rutherford, N. J.

---

**HARDY NORTHERN GROWN NURSERY STOCK**

WE GROW EVERYTHING FOR PLANTING THE HOME GROUNDS A GENERAL ASSORTMENT OF

**Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc., Etc.**

Our Illustrated and descriptive Catalogue for the asking

**THE BAY STATE NURSERIES,**

North Abington, Mass.

---

**Nursery Stock**

Fruit and ornamental Trees, Shrubs, Small Fruits, Clematis, Evergreens and Roses. Write for Trade List.

**W. & T. SMITH COMPANY, Geneva, N. Y.**

---

**Box Trees**

and other EVERGREENS for Tubs and Boxes

Our Prices are Always Right—Catalog Free

**THE NEW ENGLAND NURSERIES, INC.**

BEDFORD, MASS.

---

**PERSONAL.**

Thomas Lahey, gardener for L. O. Peck, Redding, Conn., sailed for England on Dec. 12, accompanied by his wife.

J. Fred Dawson, of Olmsted Bros., landscape architects, Brookline, Mass., will spend the Christmas holidays in Spokane, Wash.

Joseph E. Rolker returned to New York last week on the steamer President Lincoln and will soon be on the road helping his friends to open the new season profitably.

Fred Elder, with an assistant, is now in charge temporarily of the Boston office of Lord & Burnham Company, Mr. Volle having gone back to Irvington, N. Y., on account of impaired health.

George H. Instone, foreman of the

Allen Winden greenhouses, Lenox, Mass., and William Hoover, superintendent of the Bellefontaine greenhouses, have left for a trip to Detroit, Mich., and Winnipeg, Canada.


The Lindsay, on her trip from New York, Saturday, December 18, carried quite a number of gardeners going to spend the Christmas holidays in their old home.

---

**Horseshoe Brand Bulbs for immediate shipment**

**FORMOSUM**

<table>
<thead>
<tr>
<th>Price</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.7</td>
<td>$10.00</td>
</tr>
<tr>
<td>6.8</td>
<td>$15.00</td>
</tr>
<tr>
<td>7.9</td>
<td>$20.00</td>
</tr>
</tbody>
</table>

**GIANTUM**

<table>
<thead>
<tr>
<th>Price</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.8</td>
<td>$20.00</td>
</tr>
<tr>
<td>7.8</td>
<td>$25.00</td>
</tr>
<tr>
<td>9.9</td>
<td>$30.00</td>
</tr>
<tr>
<td>10/11</td>
<td>$35.00</td>
</tr>
</tbody>
</table>

**ALL f. o. b. NEW YORK**

Terms 3 months or 5% for cash with order. Cold Storage deliveries at any time during the season. Full deliveries of advance orders for Japan Lily Bulbs can be made f. o. b. New York, Pittsburgh, Chicago, Cincinnati, Memphis and Toronto. Deliveries in other cities can be made in lots of 250 cases, upwards.

Write us

Ralph M. Ward & Co.
12 West Broadway

**NEW YORK CITY**

**LATE DUG FORMOSUM**

Fine Large Bulbs Thoroughly Ripened

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-9 in. (250 bulbs to case)</td>
<td>$7.50</td>
</tr>
<tr>
<td>9-10 in. (200)</td>
<td>$11.00</td>
</tr>
</tbody>
</table>

**A. HENDERSON & CO.**

30 E. RANDOLPH ST., CHICAGO

Headquarters for **SUMMER FLOWERING BULBS**

Send for Trade List

**John Lewis Childs**
Flower - LONG ISLAND, N.Y.

**Gladioli, Lilies, Iris, Madeira**

**Vines, Cinnamon Vines**

and other Summer Flowering Bulbs

**LOECHNER & CO.**

JAPANESE LILIES
LILY OF THE VALLEY PIPS
PALMS, AZALEAS, &c.

11 Warren Street, New York, N. Y.
Write for quotations

**LOECHNER & CO.**

HERBERT, ATCO, N. J.
DAHLIAS Every Day in the Year
Seed Trade

The following letter, of which a copy has been kindly furnished us, is self-explanatory:
Geo. W. Kerr, Esq., Doylestown, Pa., U. S. A.
December 23, 1911.

I read with much pleasure and interest your letter to the editor of Horticultural Trade Journal in the issue of the 6th re. sweet pea seed. It has been my contention ever since I had anything to do with the growing of this beautiful flower that California could not help producing absolutely the finest seed in the world, and for the two reasons mentioned in your letter, viz.: climatic conditions are perfect and the soil has no equal.

I am of the opinion that the sooner this clap-trap about English-grown seed was exposed, the better it would be for both buyer and seller. Our climate here in five seasons out of ten is totally suited to the developing and maturing of seeds.

I hope your letter will be the means of clearing away that mist which has hung around the “heads and opinions” of a great number of our seedsmen. We are a great nation, but at any rate let us get rid of that “swelled-headedness” which is a curse to our larger development. We are not the only pea in the pod,” and the sooner we realize this the better it will be for us.

Yours faithfully,
ANDREW REID.
Edinburgh, Scotland, Dec. 12, 1911.

Horticultural Commissioner B. V. Sharp of King’s County, Calif., has issued a notice warning California merchants not to handle alfalfa seed from Utah or adjacent states and advising that they demand California seed only. This, it is understood, is on account of the prevalence of the alfalfa weevil in Utah.

MEDICINAL LEAVES AND HERBS.
The Department of Agriculture has just issued a bulletin on leaves and herbs used as medicine. Nor is this the first publication put out by this department on the subject of medicinal herbs—the others being Weeds Used as Medicine, Root Drugs and Medicinal Barks.

Collectors of medicinal plants have made such insistent demands on the department for a guide in their work that a description of 36 medicinal plants, including only such as are in most common use, has been prepared by the bureau for the secretary. Fifteen of these being mentioned in the Eighth Decennial Revision of the U. S. Pharmacopoeia.

Each plant is listed under the name in most common use, but synonymous common names, and the pharmacopoeial, if any, are also given, that no one should have difficulty in recognizing the plants familiar to him, or in identifying an unknown one, if of the series, from the description given.

A VALUABLE CLIMBING ROSE.
Prof. C. S. Sargent is practically a hardy yellow Climbing Tea rose. It is a strong and lusty grower, bronze-green foliage larger than the Ramblers.

The new growths are blood-red and very decorative.

We have a specimen planted six years ago, having a spread of twenty-five feet and ten feet in height. All the growth is made on the bush from the main stalk which is now two inches in diameter near the ground.

The color is very persistent, being a strong orange yellow, lasting until the petals fall. The flowers are very full, being crowded with petals. It blooms about June 15th, which is two weeks earlier than the true Ramblers, thus making the season that much longer. It is an American seedling—a cross between the hardy Wichurana x Souv. de Aug. Mottal, a red French Tea rose.

New Bedford, Mass.

A. J. FISH.

MAMMOTH VERBENAS
NEW CROP SEEDS
Blue, Pink, Scarlet, Striped, White
Trade pkt. 30c.  Oz. $1.25
FANCY MIXTURE
Trade pkt. 30c.  Oz. $1.00

MICHELL’S
518 MARKET ST., PHILADELPHIA

SEEDS, PLANTS, BULBS
All seasonal kinds of best quality
Special prices on large lots
JAMES VICK’S SONS, Seedsmen
ROCHESTER, N. Y.

50,000
GLADIOLUS—Mixed
WANTED
STATE PRICE AND WHEN YOU CAN MAKE DELIVERY
WM. ELLIOTT & SONS,
42 Veseys St., New York

SPECIAL TO THE TRADE
We make a specialty of growing all kinds of Vegetable Plants for the Seed and Plant Trade, including the best varieties of Forcing Tomatoes, Asparagus, Cauliflower, Endive Plants, Peppers, Parsley, Lettuce, Cabbage, etc. Special prices made on large orders for Spring delivery. Let us know your wants. We have a fine lot of Tomato Plants, transplanted and potted: Cornet, LeJardin, Romany Best, Sutton’s A-1, Sutton’s Abundance and Winter Beauty, also Extra Early Earlist and Snowball Cauliflower. AXB HALL FARM, R. R. D. No. 7, Norwalk, Va.

FRENCH VEGETABLE SEEDS
Lettuce, Dwarf French Boston; Forcing Lettuce (black seeded): Radish, Scarlet Globe, White Tipped Scarlet Turnip; Beet, Cress; Cabbage, Early Flat and Savoy: Celery, Self-Blancheing and Green; Beet, Spinach, Endive, etc., the same varieties as the market gardeners of Paris use.

BEAULIEU, Woodhaven, N. Y.

J. BOLGIANO & SON
Wholesale Field and Garden Seeds
ESTABLISHED 1818
Write for our low prices
LIGHT, PRATT & ELICOTT STS., BALTIMORE, MD.

We will mail postpaid on application sample of Niagara Pure Culture Spawn direct or in small lots. Our quality speaks for itself and is guaranteed.

Niagara Mushroom & Spawn Co.
26 Main Street, Lockport, N.Y.

TOMATO SEED
BEST STOCKS. ALL VARIETIES.
The Haven Seed Co.
The Hague Seed Co.
Growers for Wholesale Trade Only.
SANTA ANA, CALIFORNIA.

ONION SEEDS
HEADQUARTERS FOR THE EAST.
We carry large stocks of choice quality at both our Orange, Conn., and New York City offices. Full line all varieties of Garden and Flower Seeds. Trade List on application.

S. D. WOODRUFF & SONS,
37 Day Street, New York City.
A PLANT NOVELTY
That everybody will want.

Solanum Capsicastrum Melvinii

The best introduction in Holiday Plants, for years. A money-maker. Plant dwarf, bushy, 12 to 15 in. high, covered with brilliant scarlet berries, conical shaped and carried well above the dark shining foliage.


Sow seeds in Jan. or Feb. for next Christmas. Ten packets, $1.50; 100 packets, $15.00.

THOMAS J GREY CO.
32 South Market St., Boston

PEAS, BEANS, RADISH and all Garden Seeds
Growers for the Trade
LEONARD SEED CO.
326-330 W. KINZIE STREET, CHICAGO

FARQUHAR'S
New and Rare
CHINESE SHRUBS and VINES

Do not fail to procure a copy of our Illustrated Catalogue which contains many choice varieties offered for the first time. Catalogue ready Jan 1st.

R & J FARQUHAR & CO.
Boston, Mass.

LEONARD SEED CO.
326-330 W. KINZIE STREET, CHICAGO

FURCHER'S
New and Rare
CHINESE SHRUBS and VINES

Do not fail to procure a copy of our Illustrated Catalogue which contains many choice varieties offered for the first time. Catalogue ready Jan 1st.

R & J FARQUHAR & CO.
Boston, Mass.

FOULTON-FISKE-RAWSON CO.
FANEUIL HALL SQUARE

SUN DRIES
FOR THE FLORISTS
Insecticides Spraying and Fumigating Implements

FRESH CROP
ASPARAGUS PLUMOSUS
NANUS SEED
(Greenhouse grown.) Due in December. We are now booking orders for both greenhouse and outside grown Asparagus Plumosus Seed. Write us.

S. S. SKIDELSKY & CO.
1215 Betz Bldg. Philadelphia.

Burpee’s Seeds
Philadelphia

COMPLETE STOCK FRENCH AND DUTCH BULBS
Price list free on request.
Joseph Breck & Sons Corp.
47-54 No. Market St., BOSTON, MASS.

Thorburn's Bulls
Established 1802

We offer high grade stock of the following while unsold:
LILY HARRISSE 7-9 inches in circumference, at $1.00 per choice of 250 bulbs.

WHITE BRIDGEMAN’S HYACINTHS, 18-20 cm., at $1.00 per 100.

Cash With Order.
Register your name now for a copy of our wholesale catalogue for Florists and Market Gardeners, ready January 1st.

J. M. THORBURN & CO.
33 Barclay Street
NEW YORK

J. C. Robinson Seed Co.
Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.

Braslan Seed Growers Co.
Lettuce, Onion, Sweet Peas,
Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.

COLDWELL LAWN MOWERS
Hand—Horse—Motor
Known All Over the World
Catalogue on Request.
NEWBURGH, N. Y.
Florists' Telegraph Delivery

(Retailers' Section—S. A. F. & O. H.)

Florists’ Telegraph Delivery

Mutual discounts, 20 per cent.
Provision for guaranteed accounts.

IRWIN BERTERMANN, Secretary, 241 Massachusetts Ave., Indianapolis, Ind.

Of Interest to Retail Florists

Altoona, Pa. Myers Bros. have moved from the Chistian building to 1016 Green avenue.

Calais, Me. J. R. Soderquest has moved his florist store to his new premises adjoining the Windsor hotel.

Hyannis, Mass. Samuel W. Hallof, florist, has moved into the store on Main street previously occupied by A. G. Guyer.

Great Barrington, Mass. Frank Ellner, florist, expects to move to Pittsfield the first of the year, where he will follow the same business.

STEAMER DEPARTURES

Atlantic Transport.
Muncesson, N. Y. to London... Dec. 30
American.
St. Louis, N. Y. to Southampton... Dec. 30
Cunard.
Saxonia, Boston-Liverpool... Dec. 28
Lusitania, N. Y. to Liverpool... Dec. 27
Capania, N. Y. to Liverpool... Jan. 5
Hamburg-American.
Pres. Grant, N. Y. to Hamburg... Dec. 22
Holland-American.
Hyndian, N. Y. to Rotterdam... Jan. 2
Lejay.
Winifred, Boston-Liverpool... Dec. 30
North German Lloyd.
K. W. 464 C. N. Y.-Bremen... Jan. 4
Red Star.
Krosland, N. Y. to Antwerp... Dec. 27
White Star.
Adriatica, N. Y. to Liverpool... Dec. 28
Melbourne, N. Y. to Shanghai... Dec. 30

NEW FLOWER STORES

Daytona, Fla. Leon Deplau, Magna
do, avenue.
Cleveland, O. Knoble Bros., 1836 West 25th street.
New York, N. Y. Charles B. Austin, 5 East Twenty-eighth street.
San Francisco, Calif. St. Francis Floral Co. 127 Powell street, the Hackett Floral Co., proprietors.
Stamford, Conn. E. C. Holmes & Co. Bedford Hills, N. Y. branch store. Also one at Peekskill and Mt. Kisco, N. Y.
Seattle, Wash. Misses Anna J. & Bessie Burns, Lyon building, Third avenue and James street, wholesale and retail.

IRWIN BERTERMANN, Secretary, 241 Massachusetts Ave., Indianapolis, Ind.

ALEX. McCONNELL
571 FIFTH AVENUE
NEW YORK CITY

Telegraphic orders forwarded to any
part of the United States, Canada, and
all principal cities of Europe. Orders
transferred or instructed by the trade
to our selection for delivery on steamships
or elsewhere receive special attention.

Telephone Calls, 487 and 488 Murray Hill

DAVID CLARKK'S SONS
Deliver orders from any part of the country to
New York City
Or OUT-OF-STEAMER STEAMER
Write or wire
2130-2141 Broadway, New York
(Member Florists' Telegraph Delivery Assn.)

DARD'S
FLORIST
N. E. Cor. 44 St. & Madison Avenue, N. Y. City

Established 1874.

YOUNG & NUGENT
42 West 28 St., NEW YORK
"FLOWERS BY TELEGRAPH"

WILSON
Fulton St. and Greene Ave., Brooklyn, N. Y.

BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

THE ROSEY
76 MAIDEN LANE
ALBANY, N. Y.
FLOWER DELIVERIES FOR ALBANY AND VICINITY

EYRES
Flowers or Design Work
DELIVERED IN ALBANY AND VICINITY ON TELEGRAPH ORDER
11 NORTH PEARL ST., ALBANY, N. Y.

LOUISVILLE, KY.

JACOB SCHULZ
550 South Fourth Ave.
Member Florists' Telegraph Delivery.
THE BUYING SEASON

for Florists’ and Standard Winter Indispensable Goods is now at its height. We have been, are now, and expect to continue

WORKING OVERTIME ON ORDER SHIPMENTS

Fall trade this season is far beyond any previous years and the quality and variety of the stock in our warerooms and coming in from abroad fully warrants it.

It would take pages innumerable to tell you all we have that you should stock up on. Our catalogue tells all this in detail with splendid half-tone illustrations. Send for it and see.

HELP US AND WE WILL HELP YOU

H. BAYERSDORFER & CO.
THE Florist Supply House of America
1129 Arch Street, PHILADELPHIA, PA.

BOSTON, MASS.

"Penn, The Telegraph Florist" Member of Florists’ Telegraph Delivery 37-43 BROMFIELD STREET

NEW ENGLAND FLOWER DELIVERIES
Send flower orders for delivery in Boston and all New England points to THOS. F. GALVIN 124 Tremont St., Boston

TRANSFER
Your orders for flower or plant delivery in Eastern New England to JULIUS A. ZINN 1 Park St., Boston

BOSTON’S BEST
In Quality and Design
Can be relied upon when you transfer you retail orders to EDWARD MACMULKIN 194 Boylston Street, Boston

WELLESLEY COLLEGE
Bana Hall, Walnut Hill and Rockridge Hall Schools, TAILBY, Wellesley, Mass.
Tel: Wellesley 461 and 22. Night 403

"FLOWERS BY TELEGRAPH."
Leading Retail Florists Listed by Towns for Ready Reference.
Albany, N. Y.—H. G. Eyres, 11 N. Pearl St.
Albany, N. Y.—Rosery, 76 Malmo Lane.
Boston—Thos. F. Galvin, 124 Tremont St.
Boston—Kendallville, 194 Boylston St.
Boston—Paine, the Florist, 37-43 Bromfield St.
Boston—Julius A. Zinn, 1 Park St.
Brooklyn, N. Y.—Robert G. Wilson, Fulton St. and Greene Ave.
Buffalo, N. Y.—Palmer’s 304 Main St.
Buffalo, N. Y.—E. A. Anderson, 56th Main St.
Chicago—William J. Smyth, Michigan Ave. and 31st St.
Denver, Colo.—Rock Flower Co., 1413 B’way.
Detroit, Mich.—J. Brolmeyer’s Sons.
Miami and Gratit’s Ave.
Kansas City, Mo.—Samuel Murray, 912 Grand Ave.
Kansas City, Mo.—Wm. L. Rock Flower Co., 110 Walnut St.
Indianapolis, Ind.—Florists’ Telegraph Delivery, 211 Massachusetts Ave.
Louisville, Ky.—Jacob Schloz, 550 South Fourth Ave.
New York—David Clarke’s Sons, 213-217 Broadway.
New York—Alex. McConnell, 611 5th Ave.
New York—Young & Nudell, 42 W. 27th St.
New York—Pardes, N. E. cor. 41st St. and Madison Ave.
New York—Lindsays Little Flower Shop, 110 E. 51st St.
St. Paul, Minn.—Helm & Olson, 1905 St. Paul.
Toronto, Canada—T. H. Dunlop, 91 Yonge St.
Washington, D. C.—J. P. Sears, 1711 F St.
Wellesley, Mass.—Tailby, 194 Boylston St.

Littlefield
407 & 409 Main St.
H. F. A. LANGE
WORCESTER, MASS.
Delivers to all Points in New England.

YALE AND ALL CONNECTICUT POINTS
FLOWER AND PLANT DELIVERIES
J. N. CHAMPION & CO.
1026 Chapel Street
NEW HAVEN, CONN.

LINSDALE’S
LITTLE FLOWER SHOP AROUND THE CORNER
Flower Deliveries at Reasonable Prices
130 E. 34th Street, NEW YORK
Phone 2806 Madison Square

The Far-Famed Flowers of TORONTO
Delivered on mail or telegram order for any occasion, in any part of the Dominion.
JOHN H. DUNLOP
96 Yonge St., Toronto, Ont.

LITTLEFIELD
407 & 409 Main St.
H. F. A. LANGE
WORCESTER, MASS.
Delivers to all Points in New England.
15,000 square feet of glass

YALE AND ALL CONNECTICUT POINTS
FLOWER AND PLANT DELIVERIES
J. N. CHAMPION & CO.
1026 Chapel Street
NEW HAVEN, CONN.

Florists’ Refrigerators
Write us for catalogue and Refrigerating case you require, and for all kind of cool flowers you wish to use the refrigerators. Also state whether you want it: hot-warm or cold.

McCrory Refrigerator Co., 353 Lake Street, Kendallville, Ind.

 Mention Horticulture when you write.

### Quality and Quantity

#### Beauties

**Richmond Killarney**

On account of our large supply we can quote you very attractive prices on roses. When in the market let us quote you.

- **Boxwood**, per case: $7.50
- **Bronze Galax**, per case: $7.50

---

#### Welch Bros.

**American Beauty, Killarney, Richmond, Tarrytown and All the Superium Roses, Lily of the Valley, Carnations, Or perennial**

**BEST PRODUCED**

226 Devonshire Street, Boston, Mass.

### Wholesale Flower Markets—Trade Prices—Per 100

**ROSES**

<table>
<thead>
<tr>
<th></th>
<th>Boston</th>
<th>Chicago</th>
<th>St Louis</th>
<th>Phila</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dec 23</td>
<td>Dec 23</td>
<td>Dec 19</td>
<td>Dec 27</td>
</tr>
<tr>
<td>Ave. Beauty, Fancy and Special</td>
<td>75.00</td>
<td>100.00</td>
<td>35.00</td>
<td>20.00</td>
</tr>
<tr>
<td>Extra</td>
<td>75.00</td>
<td>100.00</td>
<td>35.00</td>
<td>20.00</td>
</tr>
<tr>
<td>No.</td>
<td>15.00</td>
<td>25.00</td>
<td>50.00</td>
<td>30.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>15.00</td>
<td>25.00</td>
<td>50.00</td>
<td>30.00</td>
</tr>
<tr>
<td>Richmond, Chateau, Fancy &amp; Sp.</td>
<td>50.00</td>
<td>50.00</td>
<td>50.00</td>
<td>50.00</td>
</tr>
<tr>
<td>Lower grades</td>
<td>50.00</td>
<td>50.00</td>
<td>50.00</td>
<td>50.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fau. &amp; Sp.</td>
<td>75.00</td>
<td>100.00</td>
<td>150.00</td>
<td>100.00</td>
</tr>
<tr>
<td>Low. grades</td>
<td>75.00</td>
<td>100.00</td>
<td>150.00</td>
<td>100.00</td>
</tr>
<tr>
<td>Bride, Maid</td>
<td>9.00</td>
<td>12.00</td>
<td>15.00</td>
<td>12.00</td>
</tr>
<tr>
<td>Tub, Highbush, Ward</td>
<td>9.00</td>
<td>12.00</td>
<td>15.00</td>
<td>12.00</td>
</tr>
<tr>
<td><strong>CARNATIONS, First Quality</strong></td>
<td>9.00</td>
<td>12.00</td>
<td>15.00</td>
<td>12.00</td>
</tr>
<tr>
<td><strong>Ordinary</strong></td>
<td>9.00</td>
<td>12.00</td>
<td>15.00</td>
<td>12.00</td>
</tr>
</tbody>
</table>

### Miscellaneous

- **Cotyledons**: 50.00 to 75.00, 60.00 to 75.00, 100.00 to 150.00, 100.00 to 150.00
- **Calico**: 7.50 to 10.00, 12.00 to 15.00, 15.00 to 20.00, 20.00 to 25.00
- **Lilies, Longfellow**: 5.00 to 7.50, 7.50 to 10.00, 10.00 to 15.00, 15.00 to 20.00
- **Lily of the Valley**: 75.00 to 100.00, 100.00 to 125.00, 125.00 to 150.00, 150.00 to 200.00
- **Narcissus, Paper White**: 0.90 to 1.50, 1.50 to 2.50, 2.50 to 3.50, 3.50 to 4.50
- **Roman Hyscinth**: 1.00 to 1.50, 1.50 to 2.00, 2.00 to 3.00, 3.00 to 4.00
- **Violets**: 25.00 to 30.00, 30.00 to 40.00, 40.00 to 50.00, 50.00 to 60.00
- **Gardenias**: 25.00 to 30.00, 30.00 to 40.00, 40.00 to 50.00, 50.00 to 60.00
- **Adenium**: 25.00 to 30.00, 30.00 to 40.00, 40.00 to 50.00, 50.00 to 60.00
- **Silk Sax**: 25.00 to 30.00, 30.00 to 40.00, 40.00 to 50.00, 50.00 to 60.00

### J.A. Budlong

82-84-86 E. Randolph St., Chicago

**OUR STOCK IS A-1 AND IT IS QUALITY NOT PRICES THAT TALKS**

Chicago Flower Growers' Association

Wired Toothpicks

Manufactured by W. J. Cowee, Berlin, N. Y.

---

For sale by dealers
Flower Market Reports

Up to time of going to press (Thursday, 21st), the local market is in a state of quietude seldom equaled at this season of the year. Those who salers who have a shipping trade from distant points are, however, very busy and are using up a big lot of material which, if left to the mercuries of local demand, would be a menace to the market for the rest of the week. Green goods of all kinds are in unprecedented call, the quantity of boxwood, holly, laurel, etc., being hurried far exceeding any past experience. The quality of some of the stock coming in at present moment is, to say the least, questionable and estimations particularly there is evidence of their having been held up for some time in anticipation of higher prices. Roses are in better condition than the carnations, but they, too, have in some instances that tired look which forebodes trouble with the buyer. Violets are again a problem and nobody can predict where they will land between now and Christmas morning. The growers will be lucky if there should be no slump. The double violets are not popular in the New England section. The singles are each year more common and more in favor in the buying public. Poinsettias are very fine this year and the price of $4.00 and $5.00 a dozen is really lower for the quality of the goods. Lilies are very slow this week as are also bulbous flowers. All in all, however, the promise is good for the latter part of the week and we hope the results will bear out this favorable outlook.

Only a few days and

BUFFALO
then the battle is on, but everything is in readiness for the final rush. If there is to be one, Holly and decorative materials have moved well, but there has been no rush in disposing of cut flowers. To the six days of warm rain must be laid the blame. There was a good supply of everything; in fact, in some lines — paper whites, chrysanthemums, and violets — an over-supply. There were plenty of carnations, Beauties and other roses, lilies, lily of the valley, peas, mignonette, stevia, and an abundance of greens, but the market wanted one thing, and that was a demand for the goods.

Chicago stock, particularly in red, was noticeable early in the last week before Christmas, which opened clear and cold and was ideal for Christmas shopping. Considerable difference of opinion still prevails, among both wholesalers and retailers, regarding the outlook for a lively Christmas trade, the depressing effect of two weeks of cloudy, damp weather being bound to bring unwelcome results in quality and quantity of stock. Plants, as usual, have a conspicuous part in the holiday sales, the usual kind being in every window. Poinsettias never were better and pans of various sizes, trimmed with scarlet crepe paper and ribbon, are an attractive feature of all the tall flower stores. Azaleas, cyclamen, erica, begonia and the berried plants are all fully up to former years and never have been more tasteful hampers to hold them. Holly and other ilex are unusually full of large berries and the latter is used in great quantities for window decorations and forms a fine setting for the cut flowers and plants. The short supply of American Beauties continues and even the most hopeful have given up hope for anything approaching a reasonable quantity for the holidays.

From the wholesalers’ point of view a good holiday trade is already assured, and those having a large ship-

(Continued on page 9/7)
HORTICULTURE

P. J. SMITH
Successor to John J. Raynor
Wholesale Commission Florist
SELLING AGENT FOR LARGEST CROWERS
A Full line of Choice Cut Flower Stock for all purposes. THE HOME OF THE LILY by the 100, 1,000 or 10,000
TBL. 1998 MADISON SQUARE
49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—3452-3533 Madison Square

NOW IS THE TIME
To decide on your Commission Men. Begin the season right by shipping your product to the OLD, RELIABLE ESTABLISHMENT.
OPEN EVERY MORNING AT 6 O'CLOCK.
Tel. 167-4468
J. K. ALLEN
106 W. 28th St.
NEW YORK

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS
Tel. 732, 55 W. 28th St., New York

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

<table>
<thead>
<tr>
<th>Quality</th>
<th>Price per Dozen</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Beauty, Fancy and Special</td>
<td>10.00 to 40.00</td>
</tr>
<tr>
<td>Extra</td>
<td>10.00 to 30.00</td>
</tr>
<tr>
<td>No. 2</td>
<td>4.00 to 5.00</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>5.00 to 2.00</td>
</tr>
<tr>
<td>Richmond, Chauncey, Extra and Special</td>
<td>10.00 to 12.00</td>
</tr>
<tr>
<td>Lower Grades</td>
<td>12.00 to 10.00</td>
</tr>
<tr>
<td>Kilmerney, My Maryland, Extra and Special</td>
<td>5.00 to 4.00</td>
</tr>
<tr>
<td>Extra</td>
<td>4.00 to 3.00</td>
</tr>
<tr>
<td>Bridal &quot;Med&quot;</td>
<td>3.00 to 2.00</td>
</tr>
<tr>
<td>Teit, Hiltongton, Ward</td>
<td>2.00 to 1.00</td>
</tr>
<tr>
<td>Carnations, First Quality</td>
<td>1.00 to 0.50</td>
</tr>
</tbody>
</table>

Holiday prices will prevail during last part of present week.

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York

CONSIGNMENTS SOLICITED

A. L. YOUNG & Co.
WHOLESALE FLORISTS
Choice Cut Flowers
54 West 28th St., New York
Prompt Payments. Telephone 3559 Madison Sq.

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK
Wholesale Market Rates.

ROBERT J. DYSART
Public Accountant and Auditor
Books Balanced and Adjusted
28 STATE ST., BOSTON
Telephone, Main 58.

M. C. FORD
Successor to FORD BROTHERS
121 West 28th Street
NEW YORK
FINE ROSES, FANCY CARNATIONS
A Full Line of All CUT FLOWERS.
Telephone, 3870 or 3871 Madison Square

H. E. FROMENT
Wholesale Commission Florist,
Choice Cut Flowers,
97 West 28th St. • NEW YORK
Telephones: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send for quotations. Correspondence with shippers of first-class stock invited.
130 West 28th Street, New York
Telephone 4926-4927 Madison Square.

Edward C. Horan
WHOLESALE FLORIST
55 WEST 28th St.

Moore, Hentz & Nash
Wholesale Commission Florists
55 and 57 West 26th Street

WM. P. FORD
WHOLESALE FLORIST
45 W. 28th Street, NEW YORK
Call and Inspect the Best Establishment in the Wholesale Flower District.

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ
MAURICE L. GLASS
Cogan Building, 55-57 West 28th Street
NEW YORK CITY

THE KERVAN COMPANY
Fresh Cut Evergreens, Mosses, Southern Smilax, Galax and Leucothoe, Preserved and Fresh Cut Cycas and Palmetto.
Tel. 1519 MAD. Sq. 113 W. 28 St., New York.

REED & KELLER
122 West 25th St., New York
Florists’ Supplies
We manufacture all our Metal Designs, Baskets, Wire Work & Novelties
and sell dealer’s in Glassware, Baskets and Florists’ Requisites.

18 W. 28th Street, New York City
Telephone No. 1137, Mad. Sq.

ROSES

FLORISTS’ SUPPLIES
GALAX, bronze and green, fresh crop
$1.00, 100; $1.50, 100; 50c. LEUCOTHOE SPRAYS, 75c.-1.00.
GREEN SHEET MOSS, $2.00 large bag.
Flower Market Reports

Flower trade already have orders enough on their books to consume most or all of their stock and in some instances where special varieties are wanted orders have been declined. Those who are holding back their stock, however, in the hope that there will be a market for the holidays at the end of the week, bid fair to be disappointed as they have been in the past.

With the retailers, also, the books are already filled with orders. We are having a good Christmas trade in daisies, and the usual full before the storm, now on, is giving opportunities to make up hampers, wreaths and pot covers that put the store in readiness for the rush at the end of the week. A few pessimistic ones are looking for trouble and will probably find it, but for the most part the trade in general is undeniably good.

The weather has undergone a wonderful change. Two weeks of dark rainy weather gave way on Monday of this week to cool, clear, bright days with plenty of sunshine. The business in special supplies has been extremely good; the business in boxwood, too, was all that could be desired. Roses and carnations will naturally be the leading flowers for the holidays with poinsettias coming in for their share. The supply of first two promises to be the normal Christmas cut, at least the size is not better. The last-named has never been better, and many large orders for same for Christmas and New Year's have been placed. Roses and carnations, in particular, are selling very much more quickly than short stock. Bulbous stock is plentiful—in fact, last week and the early part of this one more varieties were offered at times than the market could readily absorb. The same is true of Roman hyacinths. In this category of slow-moving stock chrysanthemums might also be a week. The supply of violets, especially doubles, and lilac of the valley will be large and the market for them will undoubtedly be good. Orchids are more or less scarce and at times it is almost difficult to have orders filled.

Other lines show that stevias is proving quite a factor. The supply of lilacs is not over large and the request for them is not very active. The green goods market in all lines is ample.

The market is in a New York waiting mood this week. Last week was a very unprofitable one for everybody and large quantities of stock had to be sacrificed. The week closed most unsatisfactory. The present week opened with more seasonable weather and a very light supply on many important lines. There was no vigor or other evidence of healthy conditions in the demand and the low values of the preceding week were still in force. Trails of the familiar December type are seen on the wholesalers' tables—forced at an impossible date and indicating a wanton destruction of bulbs that if given a time to develop, would have given salable blooms. Violets are not moving as in other years. Poinsettias are unnecessarily priced, both as plants and as cut blooms. Very few lines are in the florists' windows, cythiums, poinsettias and a selection of berries and plants, with green wreaths, forming the display today. All the green material dealers report a tremendous demand for their goods.

Up to the middle of last week business was fairly good, but there was a great falling off later. It would seem as if the retailers had been so busy getting ready their baskets and other plant combinations for the Christmas trade that they had no time to push cut flowers. And the weather was bad also. At this writing prospects are fairly good.

(Continued on page 42)

XMAS GREENS

Laurel Ropeing, Laurel Wreaths
Wild Smilax, Boxwood, Holly
Partridge Berries in bunches and
bowl, Native Ferns, etc., etc.
If you want THE BEST order
from us.

Hartford & McDonough
70 PEMBERTON SQ., BOSTON

IN THE SWIM

I must be in the swim,
You might forget my name,
And say that I'm a blither blather,
If you do not get the best.

Spruce or Balsam trees, from one foot to thirty, in any quantity: Baled Spruce, and Balsam, Hemlock (Hugs, 1.00) and Evergreen Pomelo and Wreaths. 1.00, 3.00, 1.50, 3.00. Hardcover fancy and daisy forms. Yearly Contract Made. Send for Price List. GET THE BEST.

Telephone 3659 Madison Square

WOODROW & MARKETOS

WHOLESALE

Plantsmen and Florists
41 West 28th Street, NEW YORK
Horticulture December 23, 1911

Buyer's Directory and Ready Reference Guide

Advertisements under this head, one-cent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Buyers finding what they want in this list will confer a favor by writing us and we will try to put them in communication with reliable dealers.

Accountant
B. J. Dyart, 28 State St., Boston. For page see List of Advertisers.

Amelopolsis
Amelopolsis, 317 plants, $2.00 per 100; $25.00 per 1000, Wm. Eschelbr. Co., North Milwaukee, Wisc.

Araucaria

G. S. Schubel, 1012 Ontario St., Philadelphia. For page see List of Advertisers.

Henry A. Dreer, Phila., Pa. For page see List of Advertisers.

Asparagus
Asparagus Plumose, extra fine 3-in. stuff, $3.00 per 100, $45.00 per 1000. P. Rieth, Dowser Grove, Ill.

Asparagus plumosum seeds, 1000, $1.00; 3-in., 100, $2.00. For page see List of Advertisers.

Asparagus plumosum, 24-in., pots, $3.00 per 100; $25.00 per 1000. Asparagus Spren- ger, 2-in., pots, $2.00 per 100; 4-in. pots, Henry A. Dreer, Phila., Pa. For page see List of Advertisers.

A. T. Reddington, 342 W. 14th St., N. Y. For page see List of Advertisers.

R. W. Armour & Co., 238 Bay State St., N. Y. Seasonable Bulbs. For page see List of Advertisers.


James V. Saxe, Rochester, N. Y. For page see List of Advertisers.

John Lewis Childs, Woodstock, L. I. Shimmer Flowering Bulbs. For page see List of Advertisers.

The W. W. Benedict Co., Chicago, Ill. For page see List of Advertisers.

M. W. Beard & Co., 111 Bay State St., Boston. For page see List of Advertisers.


CALCEOLARIA
Wanted: 50 or 100 Calceolaria hybr. Plants, Tor. Anderson, Glendower, Riverside on Hudson, N. Y.

Canne Stakes
W. W. Barnard Co., Chicago, III. For page see List of Advertisers.

Carnations—Continued

Carnation Staple
Split carnations quickly, easily and cheaply under the new Carnation Staple, 2000 for $1.00 post paid. I. L. Phippens, Galivates, Ill.

Chrysanthemums
A. N. Plumb, Inc., Cromwell, Conn. For page see List of Advertisers.

Elsie D. Smith, Adrian, Mich. For page see List of Advertisers.

Herrett's book on the Chrysanthemum mailed to your address for 50c, by Horticultural Publishing Co., 11 Hamilton Place, Boston.

Chrysanthemums, rooted cuttings, Monrovia, Polk's Rose, $12.50 per 100; Violets, Princess of Wales, $5.00 per 100; $50.00 per 1000. Chan. Lecker, Freeport, L. I., N. Y.

Chrysanthemums. Standard Stems—Dr. Engenhart, Lavender Queen, Adelia, Alisc Byron, JeanneSystem, Bonnauft, etc., $2.00 per 100.

Wm. Nakle, 5851 Clinton St., Phila., Pa. Orders booked for your advance. Advance, free. Earlier white, Unsak, earliest pink; January and February delivery, $1.00 per 100 on order early. F. B. Schreiber, McDonald, Pa.

Cinerarias
Cinerarias, dwarf-flowering dwarf hybrids in mixture; established in 3 in. pots, at $1.00 per 100. Cash. Russell Bros., Syracuse, N. Y.

Cocoanut Fibre Soil
20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

Cyclamen
John McKenzie, North Cambridge, Mass. For page see List of Advertisers.

Cyclamen—Best Varieties in different colors. 3 inch pots, strong plants, $3.00 per 100; $30.00 per 1000. John Robers Company, Rothfurch, N. J.

Cyclamen, our own grown strain, selected from the very finest and well built plants and flowers. Seed, $1.00 per 100, $5.00 per 1000; nearly all sold out. Our latest material, 100, $2.00 per 100; $18.00 per 1000. Plants, well set with buds, 4-in., $18.00 and $25.00 per 100. Orders amounting to $25.00, 10 cent off. Here is one of the many letters we received from satisfied customers: E. A. H. Martin & Son, Riga, Pa. Mr. N. S. say, "The plants are excellent, the finest we have ever had; and if the seed this year is of the same quality, we shall be perfectly satisfied. We have thus far given this list has been to, and we have improved our annual list of this variety and with every order. C. Winterboth, Cyclamen specialist, Delaware, O.

Dahlias
Herbert, Acton, Mass. For page see List of Advertisers.

Dahlias New for 1911
Dorothy Peacock, Mrs. J. Gardner Cassett, Golden Wedding, New Century Dablia, etc. Big stock of best cut dahlia flowers. Write for our list and special prices. Peacock Dahlias Farm, Williams Macedon Function, N. J., Post Office, Bertina, N. J.

Dahlias—2500 field clumps, latest varieties, cheap for cash. For page see list. Change to Geo. H. Walker, Dahlias Er- bert, North Plotenton, Mass.

For List of Advertisers See Page 921
FLORISTS’ ENCYCLOPEDIA FREE

FLORISTS’ LETTERS
Boston Florists Letter Co., 66 Pearl St., Boston, Mass. For page see List of Advertisers.

FLORISTS’ SUPPLIES
N. F. McCarthy & Co., 84 Hawley St., Springfield, Mass. For page see List of Advertisers.

H. M. Robinson & Co., 16 Province St. and 9 Chapman Place, Boston, Mass. For page see List of Advertisers.

FLORISTS’ SUPPLIES


GALAX
Michigan Cut Flower Co., 38 and 46 Broadway, Detroit, Mich. For page see List of Advertisers.

GERANIUMS
R. Vincent, Jr. & Sons Co., White Marsh, Maryland. For page see List of Advertisers.

GERANIUMS
Geraniums, 2½-lb. packages, 25c. each. For page see List of Advertisers.

GERANIUMS
Geraniums, standard varieties, 2½-lb., 25c. each. For page see List of Advertisers.

GERANIUMS
Geraniums, standard varieties, 2½-lb., 25c. each. For page see List of Advertisers.
Horticulture

December 23, 1911

INSECTICIDES
Pennock-Mesban, Ameri-Advertisers. Barry. the B. $5:
Advertisers. Jlst S. year. 2%
Grej-Y. Boblnan dos. Y. Advertlaera. J. descrp-
Advertisers. S. Sons, Llat Stearns Sons, Llat Co.. Dreer, Advertlaera. Philadelphia, the dissolved, Advertlaera. N. Advertlaera. N. Rice Seele Mhidiam
Hame F Bay P. 34x203
page
by New England McHutcbison Msnusl Wm. 41x161

KENTIAS

LANDSCAPE GARDENING COURSE
Home Correspondence School, Springfield, Mass. Dept. 5. for page list of Advertlaera.

LILUMI HARRISH
F. B. Pierson Co., Tarrytown-on-Hudson, N. Y. for page list of Advertlaera.

LILUM MULTIFLORUM AND OMAN

LILY OF THE VALLEY PIPS

MAMICA

MATS FOR COLD FRAMES
Wm. Elliott & Sons, New York, N. Y.

NICO-PUM
Kentucky Tennessee Products Co., Louisville, Ky.

NIROTEEN APHIS PUNK

NURSERY STOCK
P. Owerwerk, Weobchawen Heights, N. J. for page list of Advertlaera.


Bay State Nurseries, North Abington, Mass.

Bay Nurseries, North Grown Stock. For page see List of Advertlaera.

Boblnk & Atkins, Rutherford, N. J. for page list of Advertlaera.

Mclhnnon Co. New York, N. Y. Direct Importations. for page list of Advertlaera.

TRNEES, SHRUBS, ROSES, ETC.

SEEDS—Continued
J. M. Thorburn & Co., 33 Barclay St., N. Y. For page see List of Advertisers.
Leonard Seed Co., Chicago, Ill. For page see List of Advertisers.

Wholesale Florists

Boston
N. F. McCarthy & Co., 84 Haymarket St. For page see List of Advertisers.

New York
H. E. Fossen, 51 West 26th St., New York. For page see List of Advertisers.
E. C. Horn, 55 West 28th St., New York. For page see List of Advertisers.
A. H. Langer, 130 West 28th St., New York. For page see List of Advertisers.
James McManus, 55 West 26th St., New York. For page see List of Advertisers.
W. F. Sheridan, 133 West 29th St., New York. For page see List of Advertisers.
Wm. H. Klein, 58 Willoughby St., Brooklyn, N. Y. For page see List of Advertisers.
Moore, Hents & Nash, 55 and 57 West 28th St., New York. For page see List of Advertisers.
Greater New York Florists' Association, 102 Livingston St., Brooklyn, N. Y. For page see List of Advertisers.
Charles Milling, 55 and 57 West 28th St. For page see List of Advertisers.
A. L. Young & Co., 54 West 28th St., N. Y. For page see List of Advertisers.
P. J. Smith, 49 West 28th St., N. Y. For page see List of Advertisers.
W. P. Ford, New York. For page see List of Advertisers.
Frank Milling, New York. For page see List of Advertisers.

Chicago
Peter Reinhold, 54-56 Washington Ave. For page see List of Advertisers.

Philadelphia
J. A. Huddleston, 35-39 Randolph St. For page see List of Advertisers.

San Francisco
Chicago Flower Growers' Association, 170 N. Market St. For page see List of Advertisers.

Cincinnati, Ohio
The J. M. McCullough Seed Co., 305 Walnut St. For page see List of Advertisers.

Crawfordsville, Conn.
A. N. Hetten, Crawfordsville, Conn. For page see List of Advertisers.

Dakota
Michigan Cut Flower Exchange, 38 and 40 Bute St. For page see List of Advertisers.

New York
M. C. Ford, 121 West 28th St., New York. For page see List of Advertisers.
E. C. Fossen, 51 West 26th St., New York. For page see List of Advertisers.
E. C. Horn, 55 West 28th St., New York. For page see List of Advertisers.
A. H. Langer, 130 West 28th St., New York. For page see List of Advertisers.
James McManus, 55 West 26th St., New York. For page see List of Advertisers.
W. F. Sheridan, 133 West 29th St., New York. For page see List of Advertisers.
Wm. H. Klein, 58 Willoughby St., Brooklyn, N. Y. For page see List of Advertisers.
Moore, Hents & Nash, 55 and 57 West 28th St., New York. For page see List of Advertisers.
Greater New York Florists' Association, 102 Livingston St., Brooklyn, N. Y. For page see List of Advertisers.
Charles Milling, 55 and 57 West 28th St. For page see List of Advertisers.
A. L. Young & Co., 54 West 28th St., N. Y. For page see List of Advertisers.
P. J. Smith, 49 West 28th St., N. Y. For page see List of Advertisers.
W. P. Ford, New York. For page see List of Advertisers.
Frank Milling, New York. For page see List of Advertisers.

VEGETABLE PLANTS
For Hall Farm, Norfolk, Va. Tomato, Cabbage and Lettuce Plants. For page see List of Advertisers.

VENTILATING APPARATUS
For Hall Farm, Norfolk, Va. Tomato, Cabbage and Lettuce Plants. For page see List of Advertisers.

WIREWORK
Reed & Keller, 122 W. 25th St., N. Y. For page see List of Advertisers.

WOOD PRESERVATIVE
Conserv Wood Preservative doubles the life of all exposed lumber. Preserves, posts, rails, planking, fence posts, 4 ft. stock, and saves ten times its cost. Made by Clark Inc., Mfg Chemists, Boston, Mass.

WIRE TOOTHPICKS
W. J. Cowen, Berlin, N. Y. For page see List of Advertisers.

New Offers In This Issue.

CHINESE SHRUBS AND VINES

CHRISTMAS GREETING

FLOWER DELIVERIES FOR YALE AND ALL CONNECTICUT POINTS
Champion & Co., New Haven, Conn. For page see List of Advertisers.

GLADIOLUS WANTED
Wm. Elliott & Sons, New York, N. Y. For page see List of Advertisers.

GREENHOUSE CONSTRUCTION
Wm. H. Eaton, Jersey City, N. J. For page see List of Advertisers.

PURE CULTURE MUSHROOM Spawn.
Niswanger Mushroom & Spawn Co., Lockport, N. Y. For page see List of Advertisers.

ROSES, CATTLEYAS, GARDENIAS, ETC.

SUNDRIES FOR THE FLORIST.
Fotller, Fiske, Rawson Co., Boston, Mass. For page see List of Advertisers.

Do You Know What You Want?

Look in the “Buyers’ Directory” of this issue and you will probably find represented there somebody who can supply you. It’s a good plan to look it over every week, for the weekly changes and additions are many.

In writing to Advertisers kindly mention Horticulture
WASHINGTON NOTES.

William F. Gude last week appeared before the Senate Committee on Post Offices and Post Roads and presented the bill drawn up in the interests of the Society of the American Florists and Ornamental Horticulturists on the matter of the inauguration of a federal parcel post.

Although the installation of new fixtures has not been completed, J. Phillips has taken possession of his new store on Fourteenth street, at the corner of Harvard street, N. W. This store is far superior in every way to the old location at 2222 Fourteenth street. The display windows run around two sides of the store and are admirably located so that his stock can be shown up in fine shape. Until the first of the year Mr. Phillips will use the ice-box, counters, etc., taken from the old store, but after that time they will be replaced by others entirely new and more in keeping with the handsome store he now occupies.

J. H. Small & Sons last Monday opened their new store in the Woodward Building, Fifteenth and H streets, N. W., to the public. This new store, without a doubt, is the handsomest in the city, as is a building not yet completed and is well suited for the handling of the firm's business. It is laid out in the shape of an "L" and display windows are on three sides. The fixtures are all of mahogany, the tables marble-topped. On either side of the office in the center of the side facing H street are the large tiled lobbies. Rustic arm chairs and marble garden seats are located here and there about the store for the comfort of patrons. The floor is of cement. In an ell off the main store are the private offices of the firm. A stairway leads to the basement beneath the store, entrance to which is obtained from the ell. Here large ice boxes have been installed and there is ample space for the work rooms and for the storage of boxes and material. There are five large windows and one entrance on the H street side and a large window and entrance on the Fifteenth street side. Twelve electric lights suspended by large oxidized chains from the ceiling, and other stationary fixtures on pillars light up the main store while the ell is lighted by clusters of electric lights.


PHILADELPHIA NOTES.

John Burton is about again, after a three week's tie-up with a sprained ankle.

A serious fire occurred at the Yates greenhouses, Mr. Airy, on the morning of the 17th inst., resulting in the destruction of three houses and contents. The latter consisted mainly of bedding stock, Matter Illeis and rhododendrons. The fire originated in the boiler shed.

M. Rice & Co. had the busiest week of the year last week, with orders received from all parts of the country by telegram and otherwise. Orders were invariably shipped the same day as received. Visitors were so numerous that no record could be kept of them.

The demand for red goods was so great that everything that even looked like red was bought up. They report the largest December business in their history.


BOSTON NOTES.

Penn Bros. have added a temporary store next door for the sale of holiday stock.

A very interesting display of photographs of Western China will be on view all next week, including Sunday, at Horticultural Hall. These views, 400 in number, were taken by E. H. Wilson who had charge of the exploring expedition of the Arnold Arboretum. The exhibition is free to the public.

The window displays, always good at this time of the year, are better than ever this season. Holly trees in tub are seen more in evidence this year, and excellent specimens are being received at the markets. The poinsettia, of course, holds a prominent place. Tasteful and attractive windows are the rule all along the line.


Please discontinue adv. in Horticulture—it worked wonders.

RED ROSE NURSERIES,
Center Square, Pa.
Flower Market Reports

Great preparations have been made throughout the wholesale flower and green of all kinds in immense supply. No scarcities anywhere reported on anything. Holly not extra good this year. Many dealers are seriously thinking of giving up handling this item. The kicks have been so numerous the past few years from circumstances entirely beyond the control of dealers, that the feeling as well as losses of profits has resulted. Cut houxwood has been handled here in immense quantities. This item is getting more and more trade for more year for Christmas, etc. This year the quality is the best that one has been seen here—fine, deep green, glossy and not too hard to manage. The southern holly (flex comiterin) was on the market in limited quantities. It has small, shiny, clad-red berries, and small leaves, 1/2 to 1 inch long, and is quite an attractive item at this season.

There was a pretty good demand for stock in this market last week; that is, of the higher grades, with prices a little stiff. As to Christmas prices the commission men say that it all depends on the weather, and that the supply would regulate the price. California violets came in in large lots and sold cheap. Carnations are holding up well. Roses ran a little higher, but there were enough for the demand in all varieties, with the exception of Beauties. Roman hyacinths and paper whites are a glut. Other staples are self. Wild smiles has had a big call for decorating shop windows and all other greens have sold well. Prospects good for a great fall business. Many advance orders have been placed.

WASHINGTON weather the roses ran very well were very much developed and sold cheap. Early this week it became cooler and the conditions of the market had been improved. The roses showed up some as to quantity, but there was not a corresponding increase in price until Tuesday. There are plenty of cuties on the market and in fact, not more than equal to the demand. Dendrobium formosum has also been very plentiful, the supply exceeding the demand. Cyrtoglossa viols seem to hang fire, and consider-
PEARSON STREET, LONG ISLAND CITY, N. Y.

NEWS NOTES.

Canandaigua, N. Y.—A nursery will be established here by Edward Sick on land recently acquired.

Madera, Calif.—Property which they will use for nursery purposes has been purchased by Kirkman & Son of Fresno and Merced.

New York, N. Y.—A new wholesale cut flower firm, under the name of Pritchard & Domaine, has opened headquarters in the Coogan building.

Pittsburgh, Pa.—The greenhouses of James Gross, Larimer avenue, have been purchased by Ray Dashbo, who will use them to grow decorative stock.

Mariboro, Mass.—Joseph Barry, of Hildreth street, has purchased the Warren Howe place on Main street, where he will carry on a greenhouse business.

Danville, Pa.—The firm of Briacco & Benthey, proprietors of the North Independence street greenhouses, has been dissolved, Mr. Benthey becoming sole proprietor.

Milwaukee, Wis.—The greenhouses of R. Holden, Green Bay road, have been leased by Henry Dobberphul, formerly in the plant department of Holton & Heinckel Co. He intends to grow stock for the local market.

Milwaukee, Wis.—Property at 581 to 583 Jackson street has been purchased by Fred B. Davis, proprietor of the M. A. McKeeney Co., retail florists. The building will be remodeled and used as headquarters for the company.

Jacksonville, Fla.—The Tomlinson Key Phero Co., who have just opened a flower store at 40 East Fourth street, is a new firm. The company is capitalized at $10,000 with T. W. Mitchell, president; W. W. Key, vice-president, and H. H. Tomlinson, secretary. H. H. Tomlinson has charge of the store and W. W. Key of the greenhouse business. They intend to build greenhouses at once.

Longmeadow, R. I.—Wm. C. Pratt & Son, Diaplenhrst greenhouses, who are just completing a 25 x 125 foot house have one section already filled with plants. They are growing carnations, sweet peas, tomatoes, lettuce, chive flower and bedding plants. The company is composed of Wm. C. Pratt and Stuart G. Pratt. E. A. Mallette, formerly florist and greenhouse man at the Rhode Island College, Kingston, R. I., is superintendent.

TWO BEAUTIFUL HOLIDAY BOOKS.

L. C. Page & Co., publishers, have just issued two notable volumes in The Art Galleries series which should make acceptable holiday gifts for anyone interested in art literature.

The British Museum, Its History and Treasures, is a book of engaging interest, by Henry C. Shelley, author of Jans and Taverns of London, a writer of recognized ability and graceful style. There are sixty fine illustrations, reproductions of the priceless treasures which have been assembled from all parts of the earth in this vast collection, and depicting in the most vivid manner the arts from the beginning of civilization down to the present time.

A companion volume for the foregoing is The Pennsylvania Academy of the Fine Arts and Other Collections in the Historical Society, Independence Hall, etc., in Philadelphia, by Helen H. Henderson. This book is profusely illustrated with full-page plates in mezzotint. The story of the pictures is told in a most interesting way, and will furnish personal pleasure to its possessor. Like the book previously mentioned it is handsomely bound in cloth with richly decorated cover. The price of each of the volumes is $3.00 net. L. C. Page & Co., publishers, 53 Beacon street, Boston.

GREENHOUSES BUILDING OR CONTEMPLATED.

Albion, Mich.—Arthur H. Dow, one house.

Monson, Mass.—C. M. Gibbs, one house.

Brighton, Wash.—A. E. Buxton, addition.

Franklinville, N. Y.—Fred Myrick, one house.

New Haven, Conn.—Sokol Bros., hard street, one house.

Springfield, O.—American Rose & Plant Co., four houses each 24 x 150.

Smith’s Ferry, Mass.—Gallivan Bros., of Holyoke, two houses 85 x 200.

Lord & Barnham Co. have secured the following contracts: Mrs. W. G. Nicholls, Rye, N. Y., range of conservatories; Wm. H. Gregory, Sea Girt, N. J., iron-frame house, 351 x 157; J. W. Swayne, Sea Girt, N. J., house, 30 x 100; Burt Olney Canning Co., Oneida, N. Y., nine iron-frame houses, 33 x 150 each, cost $30,000, for vegetable forcing.

INCOPIURATED.

Port Huron, Mich.—The Peninsula Seed Co., capital stock $40,000.

Hodgenville, Ky.—The Red Hill Cemetery Commission, Incorporators, William Miller, John Read and Charles Williams.

SYRACUSE POTTERY CO., N. Y.

STANDARD FLOWER POTS

If your greenhouses are within 250 miles of the Capital, write us, we can save you money.

W. H. ERNEST

28th & M Sts.
Washington, D. C.

ALL THE CLAY

Florist’s Red Pots is prepared by passing through a screen 100 meshes to the square inch. It is a heavy pot, order from us.

THE PETER KEEN STONE CO., Zanesville, Ohio.

RUBBER STAMPS, STENCILS

Seals, Steel Stamps, Hotel Barcage and Key Checks, Badges, Bunting Brands, Form Numbers, Numbering Machines, Check Protectors, Stencil Combinations, Steel Alphabets and Figures, Inedible Inks, Stencil Colors and Franklin Door Plates, Rubber Type, Illustrated Catalogue of nearly 1000 different kinds. Will first order or upon receipt of 5 two-cent stamps. Agents wanted

THE REX COMPANY, Harrisburg, Pa.

The FLORISTS’ HAIL ASSOCIATION OF AMERICA, Insurer of $2,500,000 sq. ft. of glass. For particulars address John C. Ester, So. saddle River, N. J.
KING GREENHOUSES

WHY?

They are truly economical, being strong, lasting and easy to maintain. They are scientifically designed to stand all the strains in a greenhouse.

Private conservatories and commercial greenhouses each receive special treatment.

KING CONSTRUCTION CO.

Home Office and Factory Eastern Sales Office
N. TONAWANDA, N. Y. No. 1 MADISON AVENUE, N. Y.

STANDARD PLATE GLASS CO.

Manufacturers—Importers—Jobbers

NOW IS THE TIME TO BUY

FRENCH OR AMERICAN GREENHOUSE GLASS

LOWEST PRICES ON REQUEST

26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.

SHARP, PARTRIDGE & CO.

Are Leaders In

GREENHOUSE GLASS

OUR PRICES WILL PROVE THIS. CHICAGO, ILL.

Dreer’s Peerless Glazing Points

For Greenhouses

Delve easy and true, become both bevels are on the same side. Can’t twist and break the glass in dividing. Galvanized and will not rust. No ribs or latches.

The Peerless Glazing Point is patented. Never harm like it. Order from your dealers or direct from us.

100, 75c. postpaid. Samples free.

BERRY & DREER, 714 Chestnut Street, Philadelphia.

Mastica

For Greenhouse Glazing

USE IT NOW.

F. O. PIERCE CO.
12 W. BROADWAY
NEW YORK

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty. Lasts longer than putty. Easy to apply.

LET US QUOTE YOU ON NEW AND SECOND-HAND

Boilers, Pipe, Fittings, Glass, Greenhouse Lumber, Tools, Sash, Etc.

METROPOLITAN MATERIAL CO.

1399-1414 Metropolitan Ave., Brooklyn, N. Y.

GLASS

Cheap as Dirt

Have you had any prices on greenhouse glass, lately? Write us at once for our quotations. We’ll surprise you.

Take advantage of the drop and book orders for future deliveries.

Our glass all new and fresh from factories.

Hot-bed sash and greenhouse material, dropped too.

PARSHELSKY BROS. CO.

215-217 Havemeyer St., Brooklyn, N. Y.

BOSTON PLATE & WINDOW GLASS CO.

Greenhouse Glass

GERMAN AND AMERICAN

261 to 287 A St. BOSTON 29 to 22 Canal St.

Trademarks and Copyrights

Send your business direct to Washington.

Next time and insure better service.

Personal attention guaranteed.

Twenty-five years active service.

SPECIALTY: “Working on the Failures of Others.”

SIGGERS & SIGGERS

PATENT LAWYERS

Box 8, National Union Building Washington, D. C.
HERE is a model of simplicity and practicability in greenhouse construction. No elaborate descriptive matter or voluble philosophy is needed in connection with the above illustration. The practical gardener will recognize the good features at a glance. My modern patented curved eave construction, so well shown in the picture, may have imitators but it has no competitor. If you would like to know more about it, write for details. Many of the finest ranges of greenhouses in the country are of this construction. Investigate, Before You Build.

WILLIAM H. LUTTON,
West Side Ave. Sta., JERSEY CITY, N. J.
A HAPPY AND PROSPEROUS NEW YEAR TO ALL

May great success attend you during the year upon which we are now entering and good health, prosperity and a freedom from troubles be your portion.

We know of no better route to success than the use of Rice goods, and shall endeavor to make them greater factors than ever in making your year a notable one.

M. RICE & CO. 1220 Race Street PHILADELPHIA, PA.

THE LEADING FLORISTS' SUPPLY HOUSE AND RIBBON SPECIALISTS

THE NEW CARNATION BROOKLYN
A Re-Incarnation of the old William Scott, but embodying additional and more important qualities.

The New "Helen" Pink
A beautiful Deep Pink after the style of the old William Scott, lighter than Lawson, grand under artificial light. Highly built up center, petals fringed, habit of growth all that could be desired. Very easy propagator, fastest growth of any Carnation.

Preliminary Scoring, New York Florists' Club, 86 Points; "Certificate of Merit" Horticultural Society of New York

TO BE DISSEMINATED 1911-1912

CHARLES WEBER, Grower
LYNNWOOD, LONG ISLAND, NEW YORK

R. G. WILSON
Fulton St. and Greene Ave., BROOKLYN, NEW YORK

CHARLES H. TOTTY
MADISON, NEW JERSEY

Private Gardeners and Florists Should All Give My NEW CARNATION BENORA A TRIAL

NOW is the time to place your order. Write for descriptive circular. Cultural directions with each shipment.

$3 per Dozen $12 per 100 $100 per 1000

PETER FISHER, Ellis, Mass.

CARNATIONS
ROOTED CUTTINGS

$1.00 1000

Beacon, Crimson Beauty .... $3.50
Enchantress, White Enchantress, Winsor ....... 3.00 $25.00
Lady Beautiful, Var. Lawson, White Lawson........ 2.50 20.00

CHRYSANTHEMUMS
ROOTED CUTTINGS.
Fifty fine commercial varieties, $1.50 and $2.00 per 100; $15.00 per 1000.

CANNAS
Thirty fine varieties, Dormant tubers. Send for list of varieties and prices.]

Wood Brothers FISHKILL, N.Y.

Price quotations given in the advertisements and reading columns in this paper are for the trade exclusively.
GERANIUMS

We have a splendid assortment of Standard Varieties and Novelties ready for immediate shipment from 2-in. pots at prices from $2.00 per 100, $18.50 per 1000, up to 50 cents each. If you haven’t our Catalogue, send for it.

SPECIAL OFFER. For each we will send 1000, 50 each of 20 varieties on our selection, all good kinds. Will include some Ivy Leaved if desired, for $15.50; 6000 for $100.00.

2-in. per 100 3-in. per 100
Scented Geraniums. Rose Scented.

Lemon, etc. ........................................... $2.00

Silver Leaf S. A. Nutt. Mountain of Snow, Mrs. Pollo-K, etc. .......................... 3.00
Ivy Leaved. Ryeroffs Surprise, Mrs. Banks, etc. ........................................... 2.00

Lobelia, Kathleen Mullard ........................................... 2.00

Hardy English Ivy, Strong stock, double Petunia, mixed colors and white ........................ 3.00

Virescens, Red, White, Blue, Pink and Variegated ........................................ 2.00

Lemon Virescens, (Ablypha Chirdioris) .......................... 2.00

Swainsona, Alba ........................................... 2.00

Tradescantia, Zehiria Multicolor ........................................ 3.00

Coleus, ten varieties, Versa-Waffelti, Gold en Bedder, ........................................ 2.00

Salvia, Bima, Zulhina, propagated from cuttings ........................................ 2.00

R. VINCENT, JR., & SONS CO., White Marsh, Md.

NEW YELLOW ROSE LADY HILLINGDON

The finest yellow rose on the market, easily grown, most prolific bloomer. Flower a remarkable keeper, retaining always its superb color.

One of the most beautiful decorations of the year at a large Boston hotel was entirely of this rose.

Write for Prices for Early Delivery of Young Stock

WABAN ROSE CONSERVATORIES, Natick, Mass.
SALESROOM AND OFFICE, 3a SOMERSET STREET, BOSTON

Rooted Rose Cuttings

NOW READY

Kaiserins, per 100, $3.50; per 1000, $25.00

Perles, ........................................... 3.50; 25.00

Maryland, ........................................... 2.00; 15.00

All are choice well rooted stock from flowering wood.

BASSETT & WASHBURN
Greenhouses: Office and Store:
HINSDALE, ILL. 131 N. Wabash Av., Chicago

ROSES

For Greenhouse Planting

Standard varieties in addition to the best of the new ones.

DOUBLE WHITE KILLARNEY
KILLARNEY QUEEN
SUNBURST

CHRYSANTHEMUMS

We shall disperse Chadwick Supreme, the pink sport of W. H. Chadwick.

Smith’s Advance, Roman Gold.

Standard chrysanthemums, all commercial varieties.

BEDDING STOCK in quantity for the spring trade.

Our Catalog covers these, and will be ready Jan. 1. Have your name added to our mailing list

A. N. PIERSO, INC.
CROMWELL, CONN.

CHRYSANTHEMUMS

We are booking orders for early delivery of all the best commercial and Exhibition varieties, either new or old. When in need remember we make Chrysanthemums a specialty.

ELMER D. SMITH & CO.
Adrian, Mich.

CHARLES H. TOTTY
Wholesale Florist
Chrysanthemum Novelties My Specialty
Madison, N. J.

LORRAINE BEGONIAS

Strong 2½ in. stock, ready for 3½ in.
Per 100, $15.00; 250 at $14.00 per 100.

THOMAS ROLAND
Nahant, Mass.

ROEHS

Azaleas, Palms, Lorraines, Crotons

RUTHERFORD, N. J.
**Boddington's**

**Quality Flower Seeds**

For Florists

**SELECTED SEEDS, SUCCESSFULLY SOWN, SECURE-SURE, SAFE AND SERVICEABLE SATISFACTION**

Remember you may deduct 5 per cent. if cash accompanies order.

---

**AGERATUM**

*Trade pkt. Oz.*

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt. Oz.</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexican album</td>
<td>0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>Blue Perfection</td>
<td>0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>Imperial Dwarf Blue</td>
<td>0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>Imperial Dwarf White</td>
<td>0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>Little Drift</td>
<td>0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>Swinging Blue Bug</td>
<td>0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>Little Blue Star</td>
<td>0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
</tbody>
</table>

**ALYSSUM**

A grand improvement on Little Gem, being much more compact; grand for bedding. Trade pkt. oz. $0.10.

**BODDINGTON’S MAUVE BEAUTY**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt. oz.</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dwarf, compact, very free-flowering</td>
<td>0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
</tbody>
</table>

**CENTAUREA**

*Trade pkt. Oz.*

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Candidissima</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
<tr>
<td>Gynacopa</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

**GREVILLEA ROBUSTA**

*Trade pkt. Oz.*

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Splitt Oak</td>
<td>$0.50</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

**COBAEA**

*Trade pkt. oz.*

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Season, H. P. Blue</td>
<td>$0.10</td>
<td>$0.40</td>
</tr>
<tr>
<td>Alba, White</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

**LOBELIA**

*Trade pkt. oz.*

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erinus gruegisi, trailing; light blue</td>
<td>$0.15</td>
<td>$0.60</td>
</tr>
<tr>
<td>Erinus gruegisi, trailing; white</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
<tr>
<td>Crystal Pips, single</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
<tr>
<td>Emperor William compacta</td>
<td>$0.50</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

**MIGNONETTE**

*Trade pkt. Oz.*

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boddington’s Majesty</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

**MYOSOTIS**

*Trade pkt. Oz.*

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eliza Fearnboart, excellent for pots, blue</td>
<td>$0.10</td>
<td>$0.40</td>
</tr>
<tr>
<td>Palusteri Semperflores, ever-blooming</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

**ETUNIAS**

*Trade pkt. Oz.*

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boddington’s Quality Double Fringed</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

**BODDINGTON’S GIANT ANTHRIRHINUM**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt. Oz.</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>$0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>Orange</td>
<td>$0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>Yellow</td>
<td>$0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>Mixed</td>
<td>$0.50</td>
<td>0.15</td>
<td>0.02</td>
</tr>
</tbody>
</table>

**SHAMROCK**

*Trade pkt. Oz.*

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(True Irish) Small-leaved</td>
<td>$0.40</td>
<td>$1.60</td>
</tr>
</tbody>
</table>

**SALVIA**

*Trade pkt. Oz.*

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clara Bedman (Bonfire)</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
<tr>
<td>Scentless Sage</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
<tr>
<td>Scentless Bell of Fire</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

**STOCKS**

Boddington’s Quality Large-Flowering German Ten-Week Seeds

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade pkt. oz.</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brilliant Rose</td>
<td>$0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>Canary-Yellow</td>
<td>$0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>Crimson</td>
<td>$0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>Dark Blood-Red</td>
<td>$0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>&quot;Violet-Blue&quot;</td>
<td>$0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>&quot;Purple&quot;</td>
<td>$0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>&quot;Flesh Color&quot;</td>
<td>$0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>&quot;Light Blue&quot;</td>
<td>$0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>&quot;Snow-White&quot;</td>
<td>$0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
<tr>
<td>Fine Mixed</td>
<td>$0.25</td>
<td>0.08</td>
<td>0.01</td>
</tr>
</tbody>
</table>

**GIANT PERFECTION**

- **White**
  - Pyramidal long spikes of large double flowers, splendid for glass and parterre planting. Trade pkt. oz. $0.25, 2 oz. $0.95, 4 oz. $1.25, 1 oz. $2.00, oz. $3.75.

**QUALITY VERBENAS**

*Trade pkt. Oz.*

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boddington’s Mammoth Hybrids</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
<tr>
<td>Boddington’s Mammoth Aureliana-Flowered</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
<tr>
<td>Boddington’s Mammoth Blue</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
<tr>
<td>Boddington’s Mammoth White</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
<tr>
<td>Boddington’s Mammoth Scarlet</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
<tr>
<td>Boddington’s White</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
<tr>
<td>Boddington’s Striped</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

**VINCA**

*Trade pkt. Oz.*

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trade oz.</th>
<th>Trade 1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alba, white</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
<tr>
<td>Alba, alba, rose and white</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
<tr>
<td>Mixed</td>
<td>$0.25</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

---

*We are headquarters for Sweet Peas of every description. Our Wholesale Catalogue of Quality Seeds and Bulbs (18 new pages, containing 35 pages of Seeds and Bulbs you need. Write for it today—a postcard will fetch it. (Arthur T. Boddington, Seedsman, 342 W. 14th Street, New York City*
Campanula persicifolia grandiflora

Karl Foerster in his new book on "Modern Hardy Herbaceous Flowering Plants" (published in German) classes the peach-leaved campanulas among the "floral nobility" of the garden, in rank close to Lilium candidum. Campanula persicifolia and its various improved forms have been introduced to American gardeners and landscape architects and offered on the lists of leading firms for a score of years, but whether there has ever been any concerted or even one notable effort made to bring out and use this most beautiful type of bellflowers to its full effect may be still doubted. Two years ago the members of The German Society of Garden Artists and Landscape Architects went on a tour of inspection of parks and gardens in Great Britain. Their report was full of interesting criticism, but all appeared most favorably impressed by the skillful and artistic work in English gardens and I noticed special stress was laid on the beautiful displays of peach-leaved campanulas they had seen. What has the best type of American gardens of the present day to show of such displays? I am afraid very little indeed. Beds or good-sized plantations of Campanula persicifolia at flowering time offer such magnificent subjects for the camera that reproductions of photos would have appeared as star illustrations in every volume of our Horticultural periodicals by the dozen.

That the peach-leaved campanulas are extremely popular among flower loving and—be it understood—flower-buying society, is clearly evident in our northern summer resorts. The keeping qualities are excellent; stems of well-grown stock are 2 to 3 feet high, abundantly set with buds and the flowers if handled with reasonable care will stand shipping to considerable distances. It seems likely that some day a few out of the pathfinder-class of American doris will begin to grow this beautiful garden flower systematically and make a profitable side issue for late spring sales out of it. The herd instinct will bring followers. Then the large and attractively-shaped single and semi-double bells will become a permanent and familiar sight in the miscellaneous section on the May and early June counters of commission man and retailer. Advanced that far, the private and landscape gardeners are bound to see their chances at last.

To grow Campanula persicifolia exclusively for the cut flower trade means, according to my observation, to treat the plants as biennials—that is, to sow the seed each spring during February and March under glass; transplant seedlings into flats as soon as they can be handled and in May plant in richly manured garden soil out of doors in permanent position where they are intended to be flowered the following season. Well-grown two-year-old stock, especially if left undisturbed, will produce flowers as freely as shown in our illustration. The grandiflora single varieties appearing in pure white and several clear blue shades should in my opinion receive consideration first. Both the white and blue are nearly equally in demand.

As for the sale of plants conditions are different. Seedlings, no matter how good the strain may be, can not be absolutely relied on to come true to variety and color. To meet the ever-present call for single and semi-double and double varieties in district colors plants must be treated as perennials. Propagation in this case has to be done by divisions or cuttings after flowering. Campanula persicifolia requires a good leaf-covering throughout the north and a light protection of evergreen boughs or clean straw in the middle states.

Richard Rothe
Northeast Harbor, Maine.

Rev. C. S. Harrison in Summer Land

Editor Horticulture:
I find myself in this land of dreams and of eternal summer. It is so different from our northland. Last week I called on a large nursery and they were shipping stock. Every day in the year, except Sundays, is delivery day—no packing houses or burying stock. What impresses one most is the rapid rise of land. I think they must fertilize it with yeast. You are almost afraid to go on some pieces through fear it may rise while you are on it! Ten acres soon becomes twenty, and then forty, and then one hundred and sixty. Men look me squarely in the eye and say "we get better returns from ten acres than you can from your one hundred and sixty in Nebraska." Now we consider eastern Nebraska as the garden spot of the west and I feel so ashamed I can hardly look up.

My son, a few months ago bought a lemon orchard—10 acres for $10,000. He went home, turned around a few times, and when he got back they told him it had doubled in value. He took me out to see it. It is a fine piece; but I am lame and did not venture on it. I didn't know but it would take a rise with me on it and didn't know how I could climb off. Harry, however, walked over it, and got off before it had time to rise. He examined the trees and found every one alive and doing well.

In the neighborhood of Whittier are immense orchards of English walnuts. They were looking fine and were bearing well. But I saw they were cutting them down by the thousand. "How is this?" I asked. They were returning $100 per acre a year, with a prospect of twice that when they got their full growth. The reply was "we can't stand any such little mealy return as that, so we are planting lemons which will give a yearly income of $500 to $1,000 per acre per year," and so it goes.

You needn't wonder if I get a little dizzy looking on. But this is great. I left a Nebraska blizzard last month and came to this summer land and it is delightful. When a man gets to be near 80 he cannot stand the cold. Years ago in Minnesota I traveled when the mercury was frozen cold, and now zero weather is too much. I expect to stay at this hotel, "The Occidental," all winter. Living is very cheap. You can get good meals for 15 to 25 cents and rooms are reasonable.

Yours,

Los Angeles, Cal.

C. S. Harrison
Seasonable Notes on Culture of Florists' Stock

ASPARAGUS

The florist who has to grow a good deal of green to meet the demand of a retail trade should obtain some fresh seed of Asparagus plumosus and Sprengeri as soon as it can be obtained and sow it. They are both slow in starting and require all the time from now on to grow into good serviceable stock. Sow the seed in flats or pans in a compost of loam three parts, leaf mold two parts and enough sand to make it porous. Cover the seed about an eighth of an inch deep. They will germinate freely if stood in a temperature of 65 or 70 degrees at night and kept covered with some glass, and also shaded until they start to come up. When they show up well stand them near the glass and keep them moist and in the same temperature that they were started in. They can be potted up into 2-inch pots when they are about two or three inches high using a mixture of fresh loam three parts, cow manure one part and a little sand. When they have filled these pots with roots shift into 3-inch and again into 4-inch pots which will serve until they are planted out into their permanent beds.

BEDDING BEGONIAS

Where you grow a variety of bedding begonias sow the seed now and grow on, which will mean nice bushy plants in four-inch pots by May. The soil in which you sow the seed should be sifted fine. A good compost to use is fresh loam two parts, leaf-mold two parts and a liberal allowance of sharp sand. Press the compost moderately firm, make the top smooth and on this scatter the seed, but not too thickly as the seedlings usually damp off if too close together. Cover very lightly and press again. Shade and cover with a pane of glass until the young plants come up strong. Place these pans in a temperature of from 60 to 65 degrees at night where they will get a little bottom heat. See that they are kept in a moist state and give them a place near the glass. After they have made sufficient growth they should be pricked out in the same compost in pans or flats and given a slight shade from the midday sun. As they grow and have made leaves an inch or two long they can be moved into 2½-inch pots, giving them a richer compost. These are good bedding begonias: Begonias Semperiflorens Atropurpurea, Semperiflorens Cocinea, Semperiflorens Zulu King and Erfordi.

CARE OF GERANIUMS

Now when the Christmas trade has caused a perceptible clearing of benches it is well to remember the grower of geraniums. All these that have been potted, but for the want of room are in crowded quarters, should now be given more room between the plants, for there is nothing more detrimental to the perfect development of all bedding plants than crowding. Don't neglect your cuttings which for want of room are still in the sand. Use a good fresh loam three parts, well-rotted manure one part and give them either 2½ or 5-inch pots; all those that were potted up early can by this time have a shift so as to keep them moving along. Give geraniums a good sunny bench in a house where the temperature runs anywhere from 55 to 58 degrees at night, and give ventilation whenever possible to keep them stocky and healthy. If short of stock you can propagate right along until the end of January and have fine bedding stock. From now on do not allow your plants to stand still for the want of care. It pays to pot and shift as they may require it. For the best up-to-date varieties consult HORTICULTURE's advertisers.

HAVE YOUR PROPAGATING BENCH READY

Now when the most propitious season is rapidly drawing near for the increase of all kinds of stock make a good beginning in advance and have everything in good working order. All the benches should be examined as to their soundness and repaired where necessary. Always make it a point to give your cutting benches a thorough cleaning by washing down the sides and bottoms with a strong force of water and then give the entire surface of the benches a whitewashing of hot lime which will help to keep down the cutting bench fungus. See that your heating system under the benches is in a reliable condition to furnish the proper amount of bottom heat. A safe rule to observe with all cuttings is to have a steady temperature in the propagating sand of about 10 degrees higher, according to the variety of stock propagated, than that in which the plants were growing. Place an inch or more of gravel or any other coarse but clean material in the bottom for drainage. On this put three or four inches of clean, sharp sand, spread nice and even, which should be packed down firm and smooth, after which the bed should have a good watering which will soak it through.

HYDRANGEAS FOR EASTER

Hydrangeas intended for Easter should be transferred now into a cool house with a temperature of about 45 degrees at night and by the 15th of January they should have a gradual rise to 50 degrees during the night with about 10 or 15 degrees of an increase with sunshine. Water freely at the roots to keep them in a moist condition. When the weather is good give them a spraying overhead two or three times a day to encourage an even break of growth. As they begin to start well into growth they should be allowed a bench where they will get all the light and sunshine possible. The temperature can be gradually increased until by the end of February the highest degree in heat should be reached, which can be anywhere from 65 to 70 degrees at night. This temperature should be held until the trusses begin to show color when they should be given a gradual reduction of temperature.

ROOTS STORED UNDER BENCHES

Don't fail to examine all roots and tubers stored away under the benches. They should be gone over about every three weeks to see what condition they are in. See that they are not kept too wet in some places while in other parts they are liable to suffer from dryness. The proper way to keep them is to have them covered with sufficient soil or sand just moist enough to keep them in a plump state. When they are kept either too wet or dry they lose a lot of their vitality and even if they should grow the growth will be weak in comparison with those that have been carefully looked after.

John J. M. Farrell

Mr. Farrell's next notes will be on the following: Begonias: Rex; Chrysanthemums; Care of Euphorias; Grafting Roses; Marasmius; Orchids.
Fruits and Vegetables Under Glass

TOP DRESS STRAWBERRIES

Strawberries started the first of the month will have commenced growth and the roots will be seeking nourishment. Turn a plant or two out of their pots to ascertain if the roots are working, then proceed to give them a top dressing of good rich soil or add a small percentage of lasting manure to it. Remove as much of the surface soil as you can before adding the new and when so doing leave enough room for the water. This top dressing plays an important part with early strawberries, as no more feeding is advisable until the fruit has set, when they will take all you can give them. To feed from now on would grow a quantity of soft foliage; a large percentage would be liable to go blind and when the plants should feel the effects of strong “drink” and put more energy into all their functions they are already immune to it and you do not get the desired effect. Raise the temperature of the house to 50 to 55 degrees at night. Watch that the hose does not miss the underneath side of the foliage or red spider will soon present itself. Great care should be exercised in ventilating as strawberries are very susceptible to mildew.

PEACH BUDS DROPPING

To make the statement that when a peach or nectarine tree is dormant is a very critical time with it seems to be outrageous, but the fact remains that with a little neglect now—a tree thoroughly dried out, a dry warm atmosphere or a fluctuating temperature—down comes the whole lot of flower buds; you cannot glue them on again; a season’s work is lost. This bud-dropping is not known outside because the trees never become dry at the root during this season, nor does the atmosphere. Late root pruning will often cause buds to drop if coupled with any dryness. Look to the borders periodically and do not let them get dry. Pot trees placed in any cool house to avoid frost on the pots, will need a more rigid attention as they dry out more quickly. Syringe the trees over on fine mornings two or three times a week which will keep the buds plump. Dropping often commences immediately the house is started. There is no cure but lots of simple prevents.

HISTORY OF THE VINE

The vine shares with the fig the distinction of being one of the oldest cultivated fruits in existence. The Holy Bible makes reference to them in more than one place and the works of ancient writers disclose the fact that the vine has always been cultivated wherever civilization has brought man to his rightful sphere in the world and the climate allowed it to grow. Even where climatic conditions were adverse, artificial means have been brought into use and we find the vine one of the first subjects to be grown successfully under glass. The grape vine, Vitis vinifera, was found growing wild in western Asia, northern Africa and southern Europe and from this the numerous varieties we have in cultivation today have descended—some the results of nature's work as they grew in their wild state, others the direct result of man’s forethought and hybridising, the greater part of which has been done under glass. Varieties suitable for cultivation in the vineyard and field have also come under these guiding influences to be greatly improved. It is those especially adapted for growing under glass that we are interested in at this time. New introductions are sent out yearly, each claiming some improvement, but there are a few real old ones which have held a reputation for years and cannot be replaced by the novelties. A most notable example of this is Black Hamburgh, which needs no introduction to readers of Horticulture—undoubtedly one of the first grapes to be imported into this country. Could many well-known varieties trace their ancestry back far enough I think they would eventually find a stray line of Black Hamburgh work in somewhere. The majority of grapes grown under glass owe their origin to the skill of the gardener. The grape vine has always enjoyed a long life and with care will last a lifetime.

 TOMATOES

Tomatoes planted for the fall and winter supply will soon finish and to keep up a supply a sowing should be made now. It does not pay to keep old plants which are about worn out, for the sake of a few fruits which may still be hanging. The seedlings can be grown on into six-inch pots before planting them on the benches and then only half the old crop can be done away with and replenished with young plants. As soon as these younger ones commence fruiting plant up the other section. Numerous varieties are grown good under glass and can be classed as those bearing large fruits and others having rather small but very solid fruits. The latter are often preferred on account of shipping well, and are more economical when using small quantities. Stir-ling Castle and Sunrise are notable examples of these. Of the larger varieties Best of All and Comet are good. Sow the seed in well drained pots or pans in a light compost and place in a temperature of 65 degrees.

 CUCUMBERS

Cucumbers that are wearing out can be replenished in the same way as the foregoing. Make a sowing now and plant up half the space allotted to them when ready. Improved Telegraph and Rockford’s Market, two of the older school, are still in the lead for productiveness. Peerless and Matchless are finer fruits but do not produce the crops of the former two. Sow the seeds singly in three-inch pots and give a temperature of 70 degrees.

George H. Benson
The death of Victor Lemoine

We little realized when we published the portrait and a partial resume of the life work of this venerable horticulturist in our issue of last week that the eminent subject of our sketch had, a few days before, passed on to his reward. There is nothing we can add now to what we have already said as to the great and lasting benefits which horticulture the world over enjoys as the result of Victor Lemoine’s genius and industry. America extends to France her sincere condolence and sympathy in the irreparable loss which she and the whole horticultural world has sustained in the passing away of her distinguished son. Deil Il repose en Pari!

In the brief paper by A. E. Kunderd which appears in this issue mention is made of the possibility of yet evolving the long-sought fragrant gladiolus. It certainly would be a big boom for the gladiolus if the sweet odor of the German iris or freesia, for instance, could be added to its other charms. This leads us to inquire whether any one knows anything of Gladiolus odorns. In Robert Marnock’s Horticultural Magazine, as long ago as July, 1838, there appeared an article on this species, a specimen of which had been sent from the Botanic Garden, Hull, England, and which was accompanied by a colored illustration showing the flower to be of the mamus type, white delicately tinted with lavender and lemon. Is this species still available or is it in existence under some other botanical name? A really fragrant parent would be a big step toward the realization of Mr. Kunderd’s ambition.

Our frontispiece depicts one of the most useful members of the Campanula family and a practical article on this subject from the pen of Richard Rothe appears in another column of this issue. Campanula persicifolia has been a garden favorite for centuries. Under the title of Bell-flowers John Parkinson in his Paradis in Sole Paradisus Terrestris wrote nearly 300 years ago as follows:

Campanula Persicifolia alba vel coerulea, the Peach-leaved Bell-flower white or blew hath many tufts, or branches of leaves lying upon the ground, which are long and narrow, somewhat like unto the leaf, of an almon or Peach tree, being finely nicked about the edges, and of a sad green colour, from among which rise up divers stalks, two foote high or more, set with leaves to the middle and from thence upwards, with many flowers standing on several small foot-stalkes, one above another, with a small leafe at the foot of every one; the flowers stand in small green husks, being small and round at the bottom but wider open at the brimme, and ending in five corners, with a three forked clapper in the middle, set about with some small threads tippd with yellow, which flowers in some plants are pure white, and in others of a pale blue or watchel-colour, having little or no sent at all; the seede is small, and contained in round flat heads, or seede vessels. The roote is very small, white and threddy, creeping under the upper crust of the ground, so that oftentimes the heat and drought of the Summer will gee near to parch and wither it utterly. It requireth, therefore, to be planted in some shadowe place.

All the Bell-flowers do grow in our Gardens, where they are cherished for the beaute of their flowers. The Peach-Bels as well as the others may safely be used in gardenes and lotions for the mouth, throate, or other parts, as occasion serveth. The roots of many of them, while they are young, are often eaten in saladis by divers beyond the Seas.

FRAGRANT

Gladioli

In DECEMBER, as the days are growing shorter, the spirit of the Lynx is roused and the season begins for the exhibiters of Gladioli to get ready for the pleasure of this winter’s set of exhibitions. For a few days ago the Earle of Albemarle issued a Circular for the exhibition of Gladioli at his residence, Fulham. This exhibition, which is to be held in the new green-house, will be open every day in the month of January, and will consist of specimens of Gladioli sent from various parts of the world. Amongst the most of interest are the following:

1. The death of Victor Lemoine
AMERICAN BULBS.

A paper read before the Western Gladiolus and Bulb Society by E. S. Thompson.

Perhaps this subject may not appeal to all, but the bearing of special importance, but to me it is of wide significance. Always, as far as our history is concerned, we have looked to Europe for bulbs that are sold. A few of them are grown, but in this country, as we know, for growing on a scale commensurate with the demand, home-raising was hardly thought of until close up to the World's Fair, Chicago, 1965. But since that date it has grown by leaps and bounds, until today we are largely supplying our own country, and have been exporting by the million. In tuberose bulbs we beat the world, on the south Atlantic coast; and from Long Island, thanks to the enterprise of John Lewis Childs millions of gladiolus bulbs are exported to Europe and other countries. The greatest drawback seems to be to grow what is known as the Dutch bulbs and lilies. However, we are finding that the Pacific northwest in the vicinity of Puget Sound is well adapted to growing this class of bulb, as also in the Richmond district on the Atlantic coast. This United States has climatic advantages exceeded by none, and it needs only the push of Yankee ingenuity to develop other lines fully as much. Tiger lilies can be grown on the East Lake Michigan coast as cheaply and as well as in Holland of course we have to contend with the cheap labor of other countries but we have an offset in the saving of freights and the loss in carriage, that often times leaves a good margin of profit of itself.

One of the greatest difficulties we have to encounter is the slogan dear to the heart of many, "importer." As though something imported was vastly superior to anything grown in the usual every day way at home. One of the obstacles to progress in any line of work is the desire of some to be exclusively superior to their fellow mortals, and it applies to the bulb business as well as to a host of other lines. But when men who specialize in any one line join together with a common interest, advancement, all are benefited.

Of late years our leading seedsmen are sending all over the world for new and rare things. Childs has done this to a large extent, and although at times over-colored regarding results, we are greatly indebted to him for the marvelous advance in the gladiolus. Farquhar of Boston has been doing valuable work with lilies. With Burbank and Groff, as well as our own Kundert and Koerner, rapid progress is pushed on with the glorious gladiolus. What we need now is cooperation among growers and a disposition to play fair with results, and by this means gain for ourselves advantages that should accrue to the hybridizer and grower. Our country can produce almost anything in the bulb line the world produces, and we are truly on the brink of the great stream of success not only with the gladiolus and dahlias, but with numerous others of the world's favorites in flowers produced from a bulbous or rhizome root. California and the Pacific coast, the Fruit Belt of Michigan, Long Island and the south Atlantic coast, are producing today vast quantities of bulbs that know no superior, and other parts of our country are coming to the front in an equally meritorious manner.

Brothers let us go at this matter with a determination to get the best out of it and nothing will stop the progress. Our slogan should be "Grow our own stuff," and we can, if we will, I believe our catalogue men would gladly patronize home growers did we but produce as well and reasonable. A Long Island grower now in France wrote to Horticulture deploiring the shortage of seeds in European crops this season, and said "America must grow her own seeds." How about our own bulbs? They are for equal importance and deserve equal attention. The field is wide, and it need not be occupied by no means occupied. Let us during the coming year try out more of the varieties sold by seedsmen in this country, and come up here another season with a show of bulbs that for value will fairly take the trade off their feet.

DYANIMATING LAND.

On Dec. 20th a most interesting demonstration in dynamiting was carried out on the estate of Mr. Colgate Hoyt, Centre Island, Oyster Bay, L. I., before a delegation of members of the Nassau County Horticultural Society. The demonstration was conducted by Joseph Robinson, superintendent of the estate and John T. Ingram, florist, Oyster Bay. What was accomplished clearly exemplified the efficacy of the action of dynamite in improving the soil conditions and in cheapening labor.

A section of ground was chosen, having a rather good top soil, but an understratum of hard impervious material, thereby causing a sour undrained condition was dynamited to produce a natural drainage through the shattering of this understratum.

Another demonstration was that of dynamiting places for tree planting, so as to lessen the manual labor attached to the digging of holes and to improve the condition of the soil. Also tree stumps were dynamited, with the result of a considerable lessening of manual labor in their removal. The results obtained out were most satisfactory, and clearly exemplified that dynamite is a potent factor in land operations.

The demonstrators are enthusiastic and energetic men and no doubt would be only too glad to relate the results of their labors in this field of work.

JOHN F. JOHNSTON.

Lawrence, Mass.—After conducting the most successful auction sale which this city has ever known, Thornton Brothers have cleared out all of their immense stock of jewelry, silverware, cut glass, china, bric-a-brac, etc. They will still remain in the florist business at their present location.

Price quotations given in the advertisements and reading columns in this paper are for the trade exclusively.
Obituary

Victor Lemoine

Victor Lemoine, horticulturist and officer of the Legion of Honor of France, died at Nancy on December 12, 1911, in his 89th year. Victor Lemoine was born at Delme (Lorraine), Oct. 21, 1823. His ancestors for generations back had been gardeners. After his college studies at Vic-sur-Seille he devoted several years to traveling and then worked successively at Beth-Hautelle (Lorrainé), and Louis Van Houtte of Ghent (Belgium), also Miellez of Lille (France), and in 1850 established himself, with small means, as a florist and landscape gardener at Nancy (Lorraine). There he was a member of the town council from 1871 to 1888. On June 13, 1885, he was made a knight and on April 3, 1884, an officer of the Legion of Honor of France. Lemoine was Hon. Vice-President of the Central Horticultural Society of Nancy, Hon. Member of the National Horticultural Society of France, the Royal Society of Agriculture and Botany of Ghent, the Royal Horticultural Society of Munich, etc., and was also a corresponding member of the Massachusetts Horticultural Society, Boston. He had the honor of being the first foreigner to be presented with the Velthuys Medal by the Royal Horticultural Society of London, and it is only a few weeks since he was awarded the George R. White Medal of Honor by the Massachusetts Horticultural Society.

In our issue of December 23 we endeavored to set forth, although in a somewhat fragmentary manner the stupendous achievements of Victor Lemoine in the realm of horticulture. There is no spot on this wide world wherever plants and flowers are raised, where we do not find representatives of Lemoine’s hybrids or introductions; no florist or gardener, who has not, at one time or another, handled Lemoine’s productions, ignorant though he may have been of the name of his benefactor. If Victor Lemoine’s garden children are to be all eliminated from nurserymen’s stock and catalogues it would leave an appalling void and a large share of our garden beauty would be gone. If Dogonia Geraniums are now almost taken from the florists’ holiday plant list, how sadly we should miss it! So, although he had almost reached four-score and ten, his death will be profoundly felt and regretted. Fortunately the work of Victor Lemoine, like that of the Darwin, is a family work. Mr. Emile Lemoine has cooperated with his renowned father for many years and the third generation is already interested in it, and it is safe to say that the name will still for many years to come be intimately associated with the advancement and elevation of horticulture.

Charles J. Schultz

After a long and painful illness Charles J. Schultz, father of Oscar J. Schultz, the well-known florist of Newport, R. I., died at his home in that city on Dec. 22nd. “Charley” Schultz, as he was familiarly called, was a native of Sweden and came to this country when a young man and has been a resident of Newport for forty years. He was a farner-work. Mr. Emile Lemoine has cooperated with his renowned father for many years and the third generation is already associated with the advancement and elevation of horticulture.

Sir Joseph Hooker

Sir Joseph Dalton Hooker died at his residence at Sunningdale, England, on December 30, 1911, the day he was 80 years of age. Hooker was born at Halesworth, Suffolk, on June 29, 1831, hence was in his 95th year. He was the second son of Sir William Hooker, the distinguished botanist and Director of the Kew Gardens, and in the last named succeeded his father in 1865. The Gardener’s Chronicle for December 16, 1853, its pages abound with the history of life and labors of this distinguished botanist. We can quote a few paragraphs:

"His death will be mourned throughout the world of science, for there were none who reverenced a noble life and to honor splendid achievement. For Hooker was not only the greatest of British botanists; he was one of the great workers of his age. That position he won by the hardest yet surest way, that of doing his work with a supreme mastery.

"Though he lived far beyond the allotted span of human life, Hooker, the man of science, never grew old. As each new generation of botanists arose, it turned to Hooker as its acknowledged master. The man who had been active and at work in what seemed to the younger men a remote past was still alive and at work in their midst. The man who led the van of scientific progress in the 50's of last century remained, at 80, a master of brain and example, our leader in death.

"The advancing years seemed almost to pass him by, save that they brought him the sacred accomplishments of old age— honors, and a cherished circle of friends.

"Those of us who knew Hooker in his half, serene old age might well have imagined that his life had been spent in sheltered retirement from the trials and perils of the world. Yet to few men, in whatsoever walk of life they be, falls such an eventful career as he chose for himself.

"Like so many journeys the labors of which come with the homeward bound, Hooker’s travels involved years of arduous toil after the wonderful harvest of plants which he had garnered in. The working out of those results was in itself a herculean task, and beside the plants which he had gathered into his hands, Hooker received countless specimens from his correspondents in the four quarters of the globe.

"Hooker’s claim to immortal memory in the annals of whose work is that he was solely on his contributions to systematic botany. A great observer, the range of his observations in the colonies which he visited included geological, geographical, and meteorological studies.

"Yet, remarkable as were Hooker’s contributions as a collector to the botany, they do not complete the tale of his contributions to Botanica. To many of us, at all events Hooker’s abiding title to lasting memory is his epoch-making discoveries in the distribution of plants, and the application of that work to the elucidation of the problems of evolution and the origin of species.

"Of the honors which fall to Hooker, it
larger size than any other tree in Asia. One photograph shows a giant stump of one which is 80 ft. in height and has a girth of 55 ft.

Shrubs are very numerous in this collection. Gems such as Deutzia Wilsoni, Spiraea Veitchii, Buddleias, Cotoneasters, Clematisses, etc., in wild diversity of forms are shown. Of roses the Banksias, mulithorium, moschata and others well known are shown in their native habit. A Syringa with pendulous flowers, as yet unnamed, and Itea Hilliollia with floral "talls" one foot to one and a half ft. long catch the eye at once. (The last named received an award of merit in London recently.) Cornus Kousa, a

Sir Joseph Hooker

THE GLADIOLUS AND ITS FUTURE.

A paper read before the Western Gladiolus and Dahlia Society at Chicago in June of this year and I will not attempt to suggest anything on that line, as you are all experts on that subject. I will only mention C. L. Allen's "Incredible Tub-Rooted Plants," and the excellently new book on the gladiolus by that veteran authority, Matthew Crawford, as two of the most reliable sources of information regarding the gladiolus.

Although a lifelong breeder of the gladiolus, it should take a much better educated worker than mine to do this subject the justice it so well deserves. I have been so busy admiring and working with the gladiolus that I have never thought much about its present or future. How well the gladiolus has taken care of its good reputation you are all aware, and I feel certain it will do even better in time to come. Of course I am an enthusiast as a breeder of the one of the most magnificent of all the many beautiful flowers—and as such have a boundless confidence in its still greater future, both commercially and artistically. Commercially its usefulness is only just being recognized, and its future in the hands of the plant breeder holds almost boundless possibilities. Only a few days ago some of its friends have reported new beauties in foliage variation, and I believe much can be done to develop this feature alone. In addition to the reported foliage with white striping, great improvements may be expected with the normal color. For a number of years I have been selecting and breeding with this object in view, and found the gladiolus as suitable along this line of improvement of its flowers. Tall, wide, rich green foliage, tall, slender and graceful foliage, of forms best suited to the usual straight-stemmed varieties, and some beautiful slender and drooping foliage, best suited to blend with what is known as bent or crooked-stemmed varieties. Here is the last named form of stem, I feel confident. Other features of form and type will suggest themselves to any experienced observer, and I am sure wished-for sweet-scented varieties will yet be perfected. Much has already been done; more will be accomplished by careful and patient workers in the development of this flower.
CLUBS AND SOCIETIES.

NATIONAL ASSOCIATION OF GARDENERS.

President Thomas W. Logan has made the following appointments on the retiring list of the National Association of Gardeners, same to take office on January 1st, 1912:


To serve for two years:—John Dodds, Woodstock, Conn.; George R. Kingman, Baltimore, Md.; Wm. J. Keinpton, the Bauer, Edward F. Totty, stand Deemer" at Westerly, R. I.; one nice note has been received from the Connecticut River Valley Gardener, who states that he is interested in the new society. The only news of importance is the publication of the proceedings of the Empire Gardeners' Club of New York City, the second volume of which was published during the year. The club has been very active during the year, with a membership of over 1,000.

To serve for one year:—A. Bauer, Deal Beach, N. J.; J. F. Huss, Hartford, Conn.; H. F. Witney, Flushing, N. Y.; Alexander Fraser, Newport, R. I.; James Bell, New York City; Edward Kirk, Bar Harbor, Me.; Wm. F. Irice Buffaloe, N. Y.; Xavier Schmidl, of Philadelphia, Pa., has been elected as treasurer; and W. E. Maynard, of New York City, organ- izer, for the coming year. The officers elected for 1912 are:—President—Henry J. Jenkins; vice-president—Martin B. Tilletson, Great Neck, N. Y.; secretary—Martin C. Ebel, Edison, N. J.; assistant secretary—Roy C. Caver- loy, Lowell, Mass.

Considerable outside interest is be- ing shown in the National Society towards the National Association since its last convention which was held in Madison, N. J., in October last. The organization itself has become much interested in the con- tent of the National Flower Show Committee, as exceeding the Show will be held in New York City in April, 1913, and some of its members are preparing to have large exhibits. A promi- nent feature of the forthcoming National Association will be held the American Sweet Pea Society which is to be held in Boston, in July, 1912, this society hav- ing promised to provide liberally for special gardeners' classes.

A great growth is looked for in the National Association of Gardeners during the year 1912. President Logan will call a meeting of the new Board of Directors early in January to meet in New York City, and some important matters will be brought up looking to the future development of this organization, which promises soon to become an important factor in the field of horticulture in this country.

MORRIS COUNTY GARDENERS' AND FLORISTS' SOCIETY.

The annual election of officers of the Morris County Gardeners' and Florists' Society was held at the December meeting of the following results: Robert Tyson, president; John Dunn, vice-president; Wm. H. Duck- ham, treasurer; Edw. Reegan, secre- tary; Robt. M. Schultz, assistant secre- tary; and the executive committee rules our destinies as last year, only one retiring; president John Downing takes the place of John Dunn, who is vice-president elect. Charles H. Totty gave us a most appreciated talk on the novelties of 1912. It was an im- portant part, giving due credit to novelties of merit wherever he could find them.

As fine a lot of poimsettias as could be seen was staged by Harold B. Vyse of "Glimpsewood Manor." They were grown in a hot house and averaged over 18 inches across. This is a favorite with Mr. Vyse, and the way it responds to his treatment makes one marvel—leaves clean down to the seed point. The intensity of colors is remarkable. Cultural certificate was awarded.

A. Herrington, as speaker for the members, congratulated the retiring president on the success of his admin- istration and the progress made under him. A rising vote of thanks was given to Mr. Downing. The officers-elect accepted their responsibilities and offered a few brief speeches, each promising to do his best, and the whole society prom- ising to stand behind them in their efforts, in a preliminary report the treasurer showed the society to be in a remarkably fine standing from a finan- cial point of view.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORT- ICTURISTS.

Department of Registration.

As no objectives have been filed, public notice is hereby given that the registration of the geraniums, "General Wayne," "Aviator Rodgers" and "Aviator Atwood" by F. H. Dewitt of Wooster, Ohio, becomes complete.

Objection having been received to the registration of the geranium "Day- break," one by that name already be- ing on the market, the name has been changed to "Mr. Wylie" and the regis- tration hereby becomes complete.

As no objections have been filed, public notice is hereby given that the registration of the geranium "Convolvulus," "Squidium," "Wahash," "Bea- con" and "Kate F. Deemer" by The Conard & Jones Company of West Grove, Pennsylvania, becomes complete.

Objections having been withdrawn, public notice is hereby given that the registration of the rose "Double Im- proved White Killarney," by S. J. Reuter & Son, Inc., of Westerly, Rhode Island, becomes complete.

As no objections have been filed, public notice is hereby given that the registration of the Althea Wm. R. Smith, by Henry A. Deere, Inc., of Philadelphia, Pennsylvania, becomes complete.

H. B. DORNBERG, Secretary.
Dec. 21, 1911.

CLUB AND SOCIETY NOTES.

The next meeting of the Gardeners' and Florists' Club of Boston, January 16, will be ladies' night, with enter- tainment and dancing in order.

The Yonkers (N. Y.) Horticultural Society elected the following officers: Howard Nichols, president; Francis Drexler, vice-president; Louis Taylor, secretary; Wm. Watt, corresponding secretary; Peter Macdonald, treasurer; Wm. A. McDonald, Thoas Ma- home, Louis Millington, H. J. Smith, Robert Rochman and N. Neldig, executive committee.

A very pleasant evening may be ex- pected when the Washington Florists' Club meets in January. Since the ap- pointment by the president of an en- tertainment committee the latter has been busy mapping out a program for 1912, and on Friday evening, October 2nd the first of a series of lectures will be given by a prominent man connected with the business on a subject of interest to all. Special invitations will be sent to each of the members to bring their florist friends with them and a large attendance, no doubt, will be had. The members of the committee in charge are Otto Baner, N. L. Hammer and A. O. Oehmler.

PERSONAL.

Thos. Windram of Cincinnati left on Wednesday for the Lake Shore Ferns- eries in Florida.

Walter T. Gordon, formerly with the Washington Florist Co., Washington, D. C., is now located at Kramer's F street store.

Samuel Neil of Dorchester, Mass., was thrown from his delivery wagon, one of the school safety cars, and the horse having taken fright and run away, colliding with another wagon, Mr. Neil was badly shaken up and bruised about the head.

Hardy Pritchard, who for the past twenty years has been in the employ of Mr. Broadbent, at 1738 W. Washington, D. C., was married on the morning of December 14th to Miss Maddigan. The couple are now hap- pily located in their new home. The marriage was purchased by Mr. Pritchard for his bride, at 3008 Euclid street, N. W.

Visitors in Boston: Mr. De Graaf, Leyden, Holland; Mr. Harbison, High- lands, N. C.; John Urquhart, Newport, R. I.; H. A. Bunyard, New York; A. N. Pierson, Crowell, Conn.


PUBLICATIONS RECEIVED.

Annual Proceedings and Bulletin for 1911, American Rose Society. Secretary Benj. Hammond has done a nice piece of work on this publication and it will be welcomed by rose enthusi- asts generally as an evidence that their national organization is very much alive and doing earnest, use- ful work. The great show in Boston last March and the meeting in connection therewith form a good part of the book. The treasurer's report gives up encouragingly. The book comprises about 100 pages and is embellished with some fine engravings.
CHICAGO NOTES.

Christmas Plants.

Plants gained another step in the race with cut flowers. Stores were so filled with them and they were so attractively dressed up with every embellishment known to the supply houses that it would have been a big step if the cut flowers been left entirely out. From the little three-inch pot plant to the large hampers-reaching the limit probably in a giant combination affair seen at Harry C. Rowe's, with an immense azalea as a crowning piece surrounded by assorted plants in side pockets and with brought well up toward the hundred-dollar mark—all was artistic and appealed more strongly than ever to the Christmas shopper. Nothing new was brought out in plants, but skill in growing them just right and delivering them to the retailers at the right moment played a big part in the general success of the week. Azaleas were queen of the day, with pelos-tias a close rival. Ardisias, cyclamen, begonias, heather, primula, obconica and araucaria well trimmed with ribbons and bringing good prices. Christmas trees, sparkled splendour from which to choose. Fleschman has one entire side of the store covered with steps reaching to the ceiling filled with plants and at eight o'clock Saturday evening the sign "closed" was put upon the door to keep out would-be buyers.

Trade Jottings.

Tony Einwach, who has charge of the cut flower department of the E. H. Hunt Co.,

Michael Leder of South Evanston is having five new vegetable houses, 30 by 270 feet, Foley construction. Work begins this week.

Kennicott Bros. Co. will begin the New Year by making its store a model one. Every facility for handling consignments will be provided, and a new office, fully equipped with the latest devices, will be at the disposal of the bookkeeping force.

The Foley Manufacturing Co. will open a branch office in New York in January, an announcement of which will be made later. It also presented to discontinue the manufacture of sash and doors and will devote all their time and space to greenhouse material. This is probably the only firm in Chicago doing so. Phil Foley has just returned from a trip to Richmond, Ind., where he closed a contract with E. G. Hill Co. for four new flat rafter houses, 34 by 400 feet.

SOME CHRISTMAS GIFTS.

W. J. Thurston, manager of the Boston Flower Exchange was surprised by his friends in the market on Saturday morning, Dec. 23, to receive the gift of a sample bar of Selden Waltham watch and chain, both of solid gold. The presentation speech was made by President W. C. Stickel, who is a past master of the Masonic order and a mid much enthusiasm and applause. On Monday morning there was another excitement when salesmen, buyers and all got together again and presented to assistant superintendent George Hamer a purse of fifty dollars in gold.

At the Boston Cooperative Flower Market there was a similarly pleasant affair on Saturday morning when superintendent Knight was made the recipient of a fine gold Hamilton watch and fob in recognition of long and faithful service, the presentation speech in this instance being made by John McFarland.

C. HARMAN PAYNE.

Horticulture's European Representative.

Hereewith appears the portrait of a gentleman well known by name to the readers of HORTICULTURE by reason of his frequent communications in our columns on horticultural doings abroad, and widely known in Great Britain and on the Continent of Europe as a literateur and prolific journalistic writer on horticultural topics and—first and foremost—as a passionate lover of and literary exponent for the chrysanthemum, a flower with which his name is permanently linked. Mr. Payne holds a unique position in the horticultural world. He has served in innumerable instances in positions of responsibility in connection with exhibitions in England, and also in France where he is, we should say, just as much at home as in his native country, besides Belgium, Holland and elsewhere. The fact that this versatile gentleman has not yet put in an appearance on American soil is the only instance that can be cited against him. We hope he will make the trip in the not far distant future and we are greatly mistaken if he does not instantly learn the language of the country and the shibboleth of "the boys." He is already a member of several American societies.

MUSTARD AND CRESS.

By the Name of the Ginger Gar, Philadelphia.

"Send a flowergram—passage prepaid to any part of the country—" is the way a clever retailer's card reads. This may not be exactly clear to the wayfarer but it is at least suggestive—leads to inquiry and paves the way for business.

Wanted, a job! George Craig has been in the flower business some forty years, and has made a success of it. The solicitous philosopher suggested that it was time to retire. George looked a little surprised but at the same time interested. "Why so?" said he. The S. P. snorted, and asked in that aggrieved and peeved tone one uses in replying to a superfluous question. "Why, you've got money enough!" "Yes," admitted the veteran; "but what else could I do? Here I've been shedding radiance and fragrance among my neighbors all my life. Why should I quit? What more delightful or beneficent thing could I do to justify my continued existence in this world?" The S. P. gave that up but feels sure there are thousands among your readers of a pessimistic turn of mind who can suggest a good job for this man.

There is always a right way and a wrong way to repeat a thing. The head of the house had been interviewed. The interviewer said at the window: "All right then. I'll go see your partner about it, and see if he has not got some fresh ideas he can add to the subject." The head of the house said: "Very well, but see that they are not 'too fresh.'" And so with a smile he went off to lunch. Now, there is a coolness in the firm because the interviewer did not put in the words "the junior" but said that his partner said he was not to be too fresh. A joke is not a joke to some people unless you start in smiling before you tell it, or they'll laugh at the wrong place, or in some cases laugh even if it's not funny, just because they hate to appear stupid!"

"Cats!" Abbreviations are convenient and among busy men inevitable. The flower business is no exception. It has its "mons" and its "typ" and its "maid" and many others—mysterious things to the uninitiated. Robert Crawford was waiting in his usual Chesterfieldian manner on one of the four hundred—by the other day. She wanted some orchids. There was some little doubt about it. Robert excused himself for a minute and turned. The doorman noticed this was what apparently was said: "Hello, that you Charlie? Say, Charlie, got any cats? No, they won't do, cats is what I want. No, they won't be cats and good ones, too. What's the matter with you, can't I make you understand? What's that, you say 75c, apiece?" At this point he who had been so force listening could stand it no longer and broke in—"Why, Mr. Crawford, I've got a nice pair of kittens I could let you have,
a black and a mateo, and you can have them for nothing!

The statement in a recently printed "Nevagov" to the effect that the new discovered Christmas decorative flower, the attractive poinsettia, was introduced to the east about 11 years ago by a pittsburgh artist, who found it in California, is refuted. Thos. C. Watson, the well-known writer on horticulture, who says: "No. The plant belongs to a Philadelphia. The poinsettia was introduced to the world about 80 years ago by Robert Bulst, the famous seedsmen and flower grower, who obtained the first plant through M. Poinsot, then Mexican Minister at Washington.—Philadelphia Record.

The above emphasizes how we, of the present day, forget to credit our wonder-workers of the past. We have interviewed many poinsettia growers in Philadelphia and not a solitary one was aware that it was a Philadelphia artist who introduced this plant to the world. Just think of it. There's "we" a blasted foreigner—has put them straight—on things they ought to be proud of. Another thing: whenever you get a reducational statement in your daily paper—hit it just as George C. Watson does. That's duty and good citizenship.

Under the Holly.

"This is not the mistletoe, it is merely holly. You've no right to kiss me so. This is not the mistletoe. That has berries white as snow: These are red," said Molly.

"This is not the mistletoe, it is merely holly."

"This must be the mistletoe. Though it looks like holly. Though the berries' red," says Joe.

"This is not the mistletoe. I feel it's blushed to know. Twas not fair as Molly. This must be the mistletoe. Though it looks like holly."—Tom Purky.

Philadelphia, Pa.—The past year has been the most successful one in the history of Rice & Company. The increase in the volume of business being so great that the present exclusive quarters have proven inadequate to properly handle it. Plans have been made for an enlargement of the plant which will greatly increase the facilities of the various departments and enable this progressive house to not only maintain but even improve upon the service for which it is noted. To this end the firm has leased the large three-story building, 120 Cambridge building, being directly back of their present seven-story establishment. The two structures will be connected by bridges, and when alterations are completed Rice & Co. will have the largest floor space of any florists' supply house in the country.

ORCHIDS

LARGEST IMPORTERS, EXPORTERS, GROWERS AND HYDRANGIAS IN THE WORLD

SANDER, St. Alban's, England and 258 Broadway, Room 211, NEW YORK CITY

GYRIPEDIUM CAUDATUM

We have received a small importation of this almost extinct orchid and can offer a limited number of same at moderate prices. Write for particulars.

LAGER & HURREL, N. J.

DIRECT IMPORTATIONS

Bay Trees, Reniant, Azaleas, Valley Pips, Roses, Rhododendrons, Rosewood, Magnets, Evergreens, Jap. Lilies, Raffia, etc., etc.

Nursery stock from France, Holland, England and Japan.

McHutchison & Co.

17 Murray St.

New York, N. Y.

F.R. PIERSON CO.

Florists and Plantmen

Tarrytown-on-Hudson, N. Y.

AZALEAS

Six, nine and twelve dollars per dozen.

BEGONIAS.

6 inch: 6 inch 75c; 7 inch $1.00 each. Extra fine plants.

CYCLAMEN N.

5 inch $2.00 per dozen. Larger plants $2.50 to $5.00 per pair.

PRIMRoses.

5 inch $5.00 per dozen.

A FINE LINE OF PYRAMID ROSES FROM $3.50 TO $5.00 PER PAIR. ALSO FULL LIST OF PLANTS FOR CIRCUMS.


ROBERT CRAIG CO.

ROSES, PALMS, and Foliages in Decorative Plants

MARKET and 48th Streets. PHILADELPHIA, PA.

PALMS, FERNS AND DECORATIVE PLANTS

JOHN SCOTT

Rutland Road and E. 48th St.

Tel. 4904 Bedford BROOKLYN, N. Y.
W. H. Hartford, chairman of the Horticulture Committee of the New York State Nurserymen, reported to the Expert Department the "NEW YORK STATE QUARANTINE," as follows:

**HUMES, E. C.**, of the New York Botanical Garden, wrote October 10th that he had received two cartons of new species of conifers from Japan, and was preparing to introduce them. These are: *Picea smithiana*, (skimmia spruce), a hardy tree; and *Picea pungens*, (mountain spruce). The former is a rapid grower and is expected to be of great ornamental value. The latter is a slow grower but is hardy and will eventually make a fine tree. Both are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**MOORE, E. H.**, of the New York Botanical Garden, wrote October 15th that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**HERBERT, W. B.**, of the New York Botanical Garden, wrote October 20th that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**POWELL, W. H.**, of the New York Botanical Garden, wrote October 25th that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**STOKES, T. C.**, of the New York Botanical Garden, wrote October 30th that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**HUMES, E. C.**, of the New York Botanical Garden, wrote November 5th that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**MOORE, E. H.**, of the New York Botanical Garden, wrote November 10th that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**HERBERT, W. B.**, of the New York Botanical Garden, wrote November 15th that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**POWELL, W. H.**, of the New York Botanical Garden, wrote November 20th that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**STOKES, T. C.**, of the New York Botanical Garden, wrote November 25th that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**HUMES, E. C.**, of the New York Botanical Garden, wrote December 1st that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**MOORE, E. H.**, of the New York Botanical Garden, wrote December 6th that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**HERBERT, W. B.**, of the New York Botanical Garden, wrote December 11th that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**POWELL, W. H.**, of the New York Botanical Garden, wrote December 16th that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**STOKES, T. C.**, of the New York Botanical Garden, wrote December 21st that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**HUMES, E. C.**, of the New York Botanical Garden, wrote December 26th that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.

**MOORE, E. H.**, of the New York Botanical Garden, wrote December 31st that he had received a large shipment of new species of conifers from Japan, including *Picea smithiana*, (skimmia spruce), *Picea pungens*, (mountain spruce), and *Abies alba*, (silver fir). These conifers are hardy and are expected to be of great ornamental value. They are to be found in the New York Botanical Garden, and it is expected that they will be available for planters in the near future.
Seed Trade

Northfield, Minn.—An interest in the Northfield Seed Co. has been purchased by J. M. Punderson.

"An Autumn Dividend" is the sub-

ject set forth on the handsome cal-

endar which the C. Herbert Coy Seed Co. of Valley, Neb., are sending out for 1912. The autumn dividend is an embossed, natural colors of Indian corn and pumpkin very ex-

pressive and appropriate.

CATALOGUES RECEIVED


George Wittbold Co., Chicago, Ill.—Decorative, stove and bedding plants; wholesale list.

Valdesian Nurseries, Hioctic, N. C. Price list of trees, privets, hardy per-

ennials, small fruits, etc.

Barteldes Seed Co., Denver, Colo.—

Descriptive List of Barteldes' Western Seeds, 1912. An interesting list of 116 pages. Includes a good line of implements and supplies.

Elmer D. Smith & Company, A. Rian, Mich.—Chrysanthemums and Astors, 1912. A wholesale list, filled with use-

ful information in a condensed form and copiously illustrated.

Rustic Manufacturing Co., 159 Nassau St., New York.—Illustrated Cata-

logue of Rustic Structures, with price list of arbors, tables, window boxes, bird houses, pergolas, etc.

W. Allec Burpee & Co., Philadelphia, Pa.—Burpee's Annual for 1912. This is the 36th year of this comprehensive catalogue and it is still, as heretofore, "The plain truth about the best seeds that grow."

John Lewis Childs, Flowerfield, N. Y.—Trade Price List of Choice Gladi-

olli and other Summer Flowering Bulbs and Plants, for 1912. Among the varieties illustrated in this list are some of the finest novelties ever intro-

duced.

S. S. Pennock-Mechan Co., Philadel-

phia, Pa.—New Forcing Roses for 1912. Illustrations of Double White Killar-

ney, Killarney Queen, Lady Hilling-

don, Princess de Bulgarie roses and Wodenethe or "White Beauty" carna-

tion are given.

INCORPORATED.

Dansville, N. Y.—The Allen-Balley Tag Co., capital stock $50,000. In-

corporators, J. J. Bailey, S. E. Allen and J. A. Balley.

St. Louis, Mo.—Oak Hill Cemetery Association, capital stock $25,000. In-

corporators, T. R. Pullis, Roderick A. Allen and others.


SCALINE.

M. C. Elbel, of the Apex Manufacturing Company is engaged in experi-

mental work with a new product which his company expects to place on the market very shortly. He has named it "Scaline," the material being a combination of insecticide and fungi-

cide—a composition of oils and sul-

phur. It is intended for the destroy-

ing of the San Jose scale, the cottony maple aphid and other sap-sucking in-

sects inhabiting fruit and ornamental trees, shrubs and flowers and plants gener-

ally, and at the same time a remedy for the control of the various fungi affect-

ing trees and shrubbery. Mr. Elbel contends that his material can be applied as safely in the growing as in the dormant season, and asserts that tests made last summer on foliage in bloom showed no ill effects from the spray. If "Scaline" is what it is claimed for it there is no doubt that a broad field is awaiting it.

The Dales, Ore.—The greenhouses of Dr. William Tac'man have been purchased by Randolph Gibson. The plant was established 12 years ago by Dr. Tac'man and comprises two houses each 425x50 feet. He has made a specialty of carnations and chrys-

anthemums.

Price quotations given in the advertise-

ments and reading columns in this paper are for the trade exclusively.

50,000

GLADIOLUS--Mixed

WANTED

STATE PRICE AND WHEN YOU CAN MAKE DELIVERY

WM. ELLIOTT & SONS,
42 Vesey St., New York

SPECIAL TO THE TRADE.

We make a specialty of growing all kinds of Vegetable Plants for the Seed and Plant Trade, including the best varieties of For-

cing Tomatoes, Asparagus, Cauliflower, Egg Plants, Peppers, Parsley, Lettuce, Cabbage, etc. Special prices made on large orders

for Spring delivery. Let us know your wants. We have a fine lot of Tomato Plants, transplanted and potted: Corset, Lortfil-

lard, Benney Best, Suttons A. J., But-

tons Alberta and Winter Beauty, also Extra Early Eref and Snowball Cauli-

flower.


ONION SETS

HEADQUARTERS FOR THE EAST.

We carry large stocks of choice quality in all our offices in New York City, and other large cities, and full line all varieties of Gar-

den and Flower Seeds. Trade List on application.

S. D. WOODRUFF & SONS,
82 Bay Street, New York City.

LETTUCE, improved Big Boston;

Parching Lattuce, black seeds; Big Rest-

ons; Radish, Scarlet Globe, White Tipp;

Scarlet Turlip; Beet, Crosby, Cabbage, Early Pink and Savoy; Celery, Self-Bunch-

ing and Green; Beet, Spinach, Endive, etc., the same varieties as the market gardeners of Paris use.

BEAULIEU, Woodhaven, N. Y.

MICHELL'S

1912 CATALOGUE

For Florists

JUST OUT

Full of all the good things a florist

needs. Not only a trade list but 50

large pages complete with the best

the world has produced for the

American florist.

We want you to have a copy.

Write for it today; it's free.

MICHELL'S

SEED HOUSE

518 Market St., Phila.

SEEDS, PLANTS, BULBS

All seasonal kinds of best quality

Special prices on large lots

JAMES VICK'S SONS,

Seedsmen

ROCHESTER, N. Y.

J. BOLGIANO & SON

Wholesale Field and

Garden Seeds

ESTABLISHED 1818

Write for our low prices

LIGHT, PRATT & ELICOTT STS.,

BALTIMORE, MD.

We will mail postpaid on application sample of

Niagara Pure Culture Spawm
direct, or transfer, or both, that you

may be your own judge of quality.

Niagara Mushroom & Spawn Co.
26 Main Street, Lockport, N. Y.

TOMATO SEED

BEST STOCKS, ALL VARIETIES.

The Haven Seed Co.

Growers for Wholesale Trade Only,

SANTA ANA, CALIFORNIA.
A PLANT NOVELTY

That everybody will want
Solanum Capsicastrum Melvini

The best introduction in Holiday Plants for years. A money-maker. Plant dwarf, bushy, 12 to 15 in. high, covered with brilliant scarlet berries, content shaped and carried well above the dark shining foliage.

Awarded First Class Certificate by Masa Horticultural Society and Gardener’s and Florists’ Club of Boston. Now seeds in Jan. or Feb. for next Christmas. Ten packets, $1.50; 100 packets, $12.50.

THOMAS J. GREY CO.
32 South Market St., Boston

PEAS, BEANS, RADISH and all Garden Seeds

LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO

ONION SETS
Write for Prices

FARQUHAR’S
New and Rare

CHINESE SHRUBS
and VINES

Do not fail to procure a copy of our Illustrated Catalogue which contains many choice varieties offered for the first time. Catalogue ready Jan. 1st.

R. & J. FARQUHAR & CO.
Boston, Mass.

FRESH CROP

Asparagus Pluospus Nanus Seed

( greenhouse grown.) Due in December. We are now booking orders for both greenhouse and outside grown Asparagus Plumosus Seed. Write us.

S. S. SKIDELSKY & CO.
1215 Betz Bldg., Philadelphia.

Burpee’s Seeds

PHILADELPHIA

Blue List of Wholesale Prices mailed only to those who plant for profit.

HIGH GRADE SEASONABLE FLORISTS SEED. LATEST CROP.
Price list free on request.

Joseph Breck & Sons Corp.
47-54 No. Market St., BOSTON, MASS.
Of Interest to Retail Florists

In Penn’s show window on Bromfield street, Boston, a splendid vase of the new rose Belle Baltimore is displayed and attracts much admiring attention.

The R. & S. Flower Store, Missoula, Montana, had a brilliant formal opening on Thursday evening, December 21st, from 7 to 9 o’clock. Souvenirs were distributed to the visitors and the affair was a great success.

NEW FLOWER STORES.
Danbury, Conn.—Edwin E. Mathewson, West street.
Peckskill, N. Y.—J. H. Rushford, 900 South street.
Rutland, Vt.—The Flower Shop, Cottage and West streets.
Ventura, Calif.—Mrs. E. E. Paquette, 1115 Poli street.
Crawfordsville, Ind.—A. S. Pett, Main and Walnut streets.
Philadelphia, Pa.—Union Flower Shop, 2734 Ridge avenue; Columbia Flower Shop, 2631 West Lehigh avenue; George Haas, 2602 Germantown avenue.

WASHINGTON.
D. C.
GUDE'S
Member Florists' Telegraph Delivery

W. J. Palmer & Son
304 Main Street, Buffalo, N. Y.
Members Florists' Telegraph Assn.

"THE HOME OF FLOWERS"
The largest cut flower store in America. Orders for the TWIN CITIES and for all Northwestern points given prompt attention.

HOLM & OLSON, Incorporated
ST. PAUL, MINN.
Member Florists' Telegraph Delivery.
Less Ice With Better Results

The McCray System of Refrigeration, which insures a perfect circulation of cool, dry air, will not only reduce your ice bills, but will keep your stock in the best condition—fresh, fragrant and attractive.

McCray Refrigerators

Are made so as to display your flowers to the best advantage. They can be lined with white enamel, opal glass, tile, mirrors or marble to suit your convenience. Write for our beautiful Free Catalog No. 72, which shows refrigerators for florists, both stock and built-to-order, in all sizes and styles.

McCray Refrigerator Co.
353 LAKE STREET
KENDALLVILLE, IND.

Display Your Attractions for the Busy Winter Season

The prospective buyers are out and about. Have the goods ready to show them. We have an endless line of Novelties for the Floral Trade. Fix up your window with our natural prepared beech sprays, static and similar material that never dries up and needs no attention or renewal. Write for illustrated book, “The Silent Salesman.” "Nuff said.”

H. BAYERSDORFER & CO.
THE Florist Supply House of America
1129 Arch Street, - - - PHILADELPHIA, PA.

BOSTON, MASS.

F. B. LANGE, *Member of Florists’ Telegraph Delivery 57-43 BROMFIELD STREET

NEW ENGLAND
FLOWER DELIVERIES
Seed flower orders for delivery in Boston and all New England points to
THOS. F. GALVIN
124 Tremont St., Boston.

TRANSFER
Your orders for flower or plant delivery in Eastern New England to
JULIUS A. ZINN
1 Park St., Boston

BOSTON’S BEST
In Quality and Design
Can be relied upon when you transfer your retail orders to
EDWARD MACMULKIN
194 Boylston Street, Boston

"FLOWERS BY TELEGRAPH."
Leading Retail Florists Listed by Towns for Ready Reference.

Albany—N. Y., H. G. Eyres, 71 N. Pearl St.

Athens, N. Y.—The Rosery, 76 Main St. Lane.

Boston—Thos. F. Galvin, 124 Tremont St.

Boston—Edw. MacMullin, 104 Boylston St.

Boston—Peab, the Florist, 37-43 Bromfield St.

Boston—Julius A. Zinn, 1 Park St.

Brooklyn, N. Y.—Robert G. Wilson, Put-

ton St. and Greene Ave.

Buffalo, N. Y.—Palmer’s 304 Main St.

Buffalo, N. Y.—S. A. Anderson, 430 Main St. Chicago—Williams J. Smith, Michigan Ave. and 31st St.

Denver, Colo.—Park Floral Co., 1133 Broadway, Detroit, Mich.—J. Breitmeyer’s Sons, Miami and Griswold Ave.

Kansas City, Mo.—Samuel Murray, 912 Grand Ave.

Kansas City, Mo.—Wm. L. Rock Flower Co., 1116 Walnut St.

Indianapolis, Ind.—Florists’ Telegraph Deliveries, 211 Massachusetts Ave.

Louisville, Ky.—Jacob Schulz, 550 South Fourth Ave.

New Haven, Conn. J. N. Champion & Co., 1006 Chapel St.

New York—David Clarke’s Sons, 212-214 Broadway.

New York—Alex. McComish, 613 5th Ave.

New York—Young & Nugent, 42 W. 58th

New York—Parks, N. E. cor, 44th St.

New York—Lindale’s Little Flower Shop, 190 E. 34th St.

St. Paul, Minn.—Holm & Olson.

Toronto, Can.—J. H. Dunlop, 48 Yonge St.

Washington, D. C.—Cude Bros., 324 F St.

Wellesley, Mass.—Tallby.

Worcester, Mass.—Littlefield, 497-499 Main St.


Raleigh, N. C.—The business of C.

A. Lyle & Co. has been taken over by
The Raleigh Floral Co.

YALE
FLOWER AND PLANT DELIVERIES
J. N. CHAMPION & CO.
1026 Chapel Street
NEW HAVEN, CONN.

The Far-Famed Flowers of TORONTO

Great and All Points

J. H. DUNLOP
96 Yonge St., - - - Toronto, Ont.

Littlefield FLORIST

H. F. A. Lange
WORCESTER, - - - MASS.
Delivers to all Points in New England.
12,000 square feet of glass.

WELLESLEY COLLEGE
Dana Hall, Walnut Hill and Rockbridge Hall
Schools. TAILBY, Wellesley, Mass.
QUALITY AND QUANTITY
BEAUTIES
RICHMOND KILLARNEY
On account of our large supply we can quote you very attractive prices on roses. When in the market let us quote you.

Boxwood, per case, $7.50
Bronze Galax, per case, $7.50

The Leo Niessen Co.
WHOLESALE FLORISTS
12th and Race Sts.,
PHILADELPHIA

THE BEST LETTERS
FOR THOSE MADE
BY THE
The Boston Florist Letter Co
66 PEARL ST., BOSTON
N. F. McCarthy, Mgr.
Order direct or buy from your local supply dealer. Insist on having the
BOSTON
inscriptions, Emblems, etc. Always in Stock.

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

PETER REINBERG
WHOLESALE
CUT FLOWERS
37 Randolph St., Chicago, Ill.

POEHLMANN BROS. CO.
33-35-37 Randolph St. - CHICAGO
CUT FLOWERS
Greenhouses. - Morton Grove, Ill.

GEORGE B. HART
WHOLESALE FLORIST
24 Stone St., Rochester, N.Y.

The J. M.McCullough's Sons Co.
COMMISSION FLORISTS
Consignments Solicited
Special attention to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. Price lists on application. Phone Main 354, 36 Wall St., Cincinnati

226 Devonshire Street,
BOSTON, Mass.

WELCH BROS.
AMERICAN BEAUTY, KILLARNEY, RICHMOND, MARYLAND AND ALL THE SUPERIOR
ROSES, LILY OF THE VALLEY, CARNATIONS, ORCHIDS
BEST PRODUCED

WHOLESALE FLOWER MARKETS—TRADE PRICES Per 100
TO DEALERS ONLY

<table>
<thead>
<tr>
<th>ROSES</th>
<th>BOSTON</th>
<th>CHICAGO</th>
<th>ST. LOUIS</th>
<th>PHILA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Av. Beauty, Fancy &amp; Special...</td>
<td>60.00</td>
<td>50.00</td>
<td>50.00</td>
<td>50.00</td>
</tr>
<tr>
<td>&quot; Extra ...</td>
<td>60.00</td>
<td>50.00</td>
<td>50.00</td>
<td>50.00</td>
</tr>
<tr>
<td>No. 1 ...</td>
<td>50.00</td>
<td>40.00</td>
<td>40.00</td>
<td>40.00</td>
</tr>
<tr>
<td>Lower grades ...</td>
<td>40.00</td>
<td>30.00</td>
<td>30.00</td>
<td>30.00</td>
</tr>
<tr>
<td>Richmond, Chateau, Fancy &amp; Sp.</td>
<td>50.00</td>
<td>40.00</td>
<td>40.00</td>
<td>40.00</td>
</tr>
<tr>
<td>Killarney, Maryland, Fan &amp; Sp.</td>
<td>40.00</td>
<td>30.00</td>
<td>30.00</td>
<td>30.00</td>
</tr>
<tr>
<td>Bride, Maid, ...</td>
<td>35.00</td>
<td>25.00</td>
<td>25.00</td>
<td>25.00</td>
</tr>
<tr>
<td>Tilt, Hillsburg, Ward ...</td>
<td>30.00</td>
<td>20.00</td>
<td>20.00</td>
<td>20.00</td>
</tr>
<tr>
<td>CARNATIONS, First Quality, Ordinary ...</td>
<td>4.00</td>
<td>3.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>MISCELLANEOUS ...</td>
<td>3.50</td>
<td>2.50</td>
<td>2.50</td>
<td>2.50</td>
</tr>
<tr>
<td>&quot; Stems ...</td>
<td>3.50</td>
<td>2.50</td>
<td>2.50</td>
<td>2.50</td>
</tr>
<tr>
<td>Linoos, Longflororum ...</td>
<td>6.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>&quot; Life of the Vanilla ...</td>
<td>5.00</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>Narcissus, Paper White ...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>&quot; Daffodils ...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Roman Hyacinths ...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>&quot; Violas ...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>&quot; Sweet Peas ...</td>
<td>5.00</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>&quot; Gardenias ...</td>
<td>25.00</td>
<td>20.00</td>
<td>20.00</td>
<td>20.00</td>
</tr>
<tr>
<td>&quot; Daffodils ...</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>&quot; Astilbe, Pompom ...</td>
<td>7.50</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
</tbody>
</table>

J.A. BUDI NG
82-84-86 E. Randolph St., Chicago
OUR STOCK IS A-1 AND IT IS QUALITY NOT
PRICES THAT TALKS

Chicago Flower Growers’ Association
WHOLESALE Growers of Cut Flowers and Plants
176 N. MICHIGAN AVE., BETWEEN RANDOLPH AND LAKE STREETS, CHICAGO

HENRY M. ROBINSON & CO.
15 Province St., 9 Chapman Pl., BOSTON, MASS.
Everything in Flowers
Complete Stock of Florists’ Greens,
Three Floors of Florists’ Supplies.

Wired Toothpicks
Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000......$1.75; 50,000.....$7.50. Sample Free.
For sale by dealers
Flower Market Reports

BOSTON  Christmas experience varied somewhat in this market. To most of those interested it was a great and glorious occasion when usual such was the case, and buyers were hungry, far and near.

To those, however, whose principal stock in trade was white carnations, lily of the valley, longiflorum lilies, paper white narcissi or Roman hyacinths the occasion was not all one sweet song and when it happened that the owner of such goods had withheld them from market until Saturday morning the music must have been indeed mournful. But the growers of white goods will have their innings in due time, and there was a strong tendency to open fairly in the long run. The white goods above named dragged badly and in addition there was a disappointing reluctance in the double violet sales. Each year sees the single violet get a stronger lead over the double and it is now a fact that the once popular Marie Louise would scarcely be missed if eliminated from the New England trade entirely. One wholesaler asserts that he could have used without effort 10,000 more Beacon carnations than were to be obtained and many more Richmond roses. Indeed, the rose market was very brisk—white sorts alone excepted. In plants, the business done was in excess of any previous record. Everything sold out with the exception of azaleas and a few poinsettias of poor quality. Azaleas were evidently in too abundant supply, although these were mainly of the red sorts, and quite a few were left unsold. As a contrast to previous years, Lorraine begonias sold splendidly, owing probably to the lower prices quoted this season. Azaleas were the best sellers in the entire list. Greens sold well but there was far too much boxwood on hand and some dealers have a good supply left for the balance of the season. Very little domestic mistletoe was in evidence but there was plenty of the imported and it was of remarkably fine quality.

Last week verified the Chicago old saying that, “All’s well that ends well.”

The last week before Christmas opened very quietly and many were doubtful of the Christmas sales being up to an average year, but the latter part of the week brought a rush of business, the climax of which has not been seen by some of the oldest in the business. Wholesaler and retailer alike are pleased with the business done and the last week of 1911 opens with prices almost as high as on any day of the past week, while stock is inclined to be short, carnations especially. Be declined in price is expected until after the New Year. White flowers are a little more in evidence and are needed for the extra flowers which come in this time. Deltettas are plentiful enough for the demand while sweet peas are coming about as fast as needed. Paper white narcissi and Roman hyacinths have not moved particularly well all the season, but the lily of the valley taking the lead with white flowers. Chrysanthemums are of the past and Christmas greens are following, leaving the standbys, carnations and roses, to supply the bulk of trade and at prices satisfactory to the grower. Advance quotations had been rather high and it was a question if they would hold to the end of the week, especially as the tendency to hold back stock was evident early in the week, but prices held steady and Christmas day found the only stock slow to move.

(Continued on page 222)
HORTICULTURE

December 30, 1911

M. C. FORD
Successor to
FORD BROTHERS
121 West 28th Street
NEW YORK

FINE ROSES, FANCY CARNATIONS.
A Full Line of All CUT FLOWERS.
Telephone: 3870 or 3871 Madison Square.

H. E. FROMENT
Wholesale Commission Florist, Choice Cut Flowers,
47 West 28th St. :: NEW YORK
Telephones: 2200, 2201, Madison Square.

Alfred H. Langjahr
All choice cut-flowers in season. Send for quotations. Correspondence with shippers of first-class stock invited.

Edward C. Horan
Wholesale Florist
55 WEST 28TH ST.

Tel. 167-4468 Madison Square
New York

Greater New York Florists’ Association, Inc.
Open for Cut Flower Consignments
162 Livingston Street, BROOKLYN, N. Y.
Geo. W. Cawbeck Telephone Connection Manager.

Moore, Bentz & Nash
Wholesale Commission Florists
55 and 57 West 28th Street
Telephone No. 788 Madison Square

WM. P. FORD
Wholesale Florist
45 W. 28 Street, NEW YORK

Call and Inspect the Best Establishment in the Wholesale Flower District.

A. MOLTZ & CO.
Wholesale Florists
A. MOLTZ, MAURICE L. GLASS
Cooper Building, 55-57 West 26th Street
NEW YORK CITY

THE KERVAN COMPANY
Fresh Cut Evergreens, Roses, Southern Smells, Oliar and Lecitche, Preserved and Fresh Cut Cocos and Palmetto.
Tel. 1672 [Mad. Sq.] 123 W. 28 St., New York.

REED & KELLER
122 West 28th St., New York

Florest’s Supplies
We manufacture all our Metal Designs, Baskets, Wire Work & Novelties and are dealers in Decorative Glassware, Greens and Florists’ Requisites.

P. J. SMITH
Successor to JOHN I. RAYNOR
Wholesale Commission Florist
Selling Agent for LARGEST GROWERS
The HOME OF THE LILY
TEL. 1998 MADISON SQUARE
49 West 28th St., New York City

Walter F. Sheridan
Wholesale Commission Dealer in
CHOICE CUT FLOWERS
133 West 28th Street, New York
Telephone—2812-2813 Madison Square

HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY
ALWAYS ON HAND

GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, Tel. 159 MADISON, 55 W. 28TH ST., NEW YORK

NEW YORK QUOTATIONS PER 100. To Dealers Only

ROSES AND CARNATIONS

American Beauty, Fancy and Special ...................................... 20.00 to 25.00

" " " Extra .................................................................................. 15.00 to 20.00

" " " No. 1 .................................................................................. 10.00 to 15.00

" " " Lower Grades ....................................................................... 8.00 to 12.00

Richmond, Chatenay, Extra and Special .................................. 15.00 to 20.00

" " " Lower Grades ....................................................................... 8.00 to 12.00

Killarney, My Maryland, Extra and Special ............................... 10.00 to 15.00

" " " Lower Grades ....................................................................... 7.00 to 10.00

Bride ‘Tild ............................................................. 10.00 to 15.00

Teft, Hildingdon, Ward ....................................................... 15.00 to 20.00

Carnations, Fine Quality .......................................................... 10.00 to 15.00

Ordinary .............................................................................. 7.00 to 10.00

BADGLEY, RIEDEL & MEYER, Inc.
WHOLESALE FLORISTS
34 West 28th Street, New York

Frank H. Traemlyy Charles Schuck
TRAENDLY & SCHENCK
Wholesale Florists
131 West 28th St., New York
Telephone: 597 and 599 Madison Square
Consignments Solicited

CHARLES MILLANG
Wholesale Florist
55 & 57 W. 26 ST., NEW YORK
Telephone 7002 Madison

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK

A. L. YOUNG & CO.
WHOLESALE FLORISTS
Choice Cut Flowers
& Consignments Solicited
Prompt Payments. Telephone 2669 Madison Sq.

FRANK MILLANG
Wholesale Florist
55-57 West 26th St., NEW YORK

ROBERT J. DYSART
Public Accountant and Auditor
Simple methods of correct accounting especially adapted for florists’ businesses.
Books Balanced and Adjusted
Merchant Bank Building
28 State St. . . . . . . . . BOSTON

WOODROW & MARKETOS
Wholesale Florists
41 West 28th Street, NEW YORK
Flower Market Reports (Continued from page 595)

was white carnations and white roses. Even these were sold at fair prices, considering the quantity. American florists were scarce as had been anticipated, all other stock being abundant. As one dealer remarked, “It was not seasonable supply.” Buyers did not keep prices up. Carnations were picked so close to meet demand that at this writing (December 26), they are selling for $6.00 and $7.00 a dozen. All in all, it was a record-breaking Christmas week, exceeding all expectations.

The market is easy. The 26th the buyers are “up against it.” This year, however, the supply was easily adequate and promised to be fair for the balance of the week. Still the successive rainy dark days make prognostications as to the availability of a certain flower or stock in general more or less uncertain. Everyone says that Christmas business was very satisfactory. Red was in most demand and outside of polynetias the quantity of no other flower of this color was sufficient. White tended to drop and trail after its colored brethren. Narcissus did not move near as fast as in past years. The general good quality of the supply was offered. All roses cleaned up. American Beauties are in short supply and promise to continue so for a fortnight at least. Killarney cleans up quickly each day. The offerings of Bride and Ivory are large and of good quality. Among the carnations dark stock, in red and rose pink shades scarcely filled the requirements; the supply up as fast as they arrive. Enchantress, too, moves well but some white, however, were left over at the close of Christmas business. Lilies, of unspecified quality, were abundantly offered. All good property while the seconds find a slow market. Callas are selling well. Violets did not quite clean up entirely.

The market for NEW YORK Christmas was well supplied with everything in seasonable cut flower stock. With the exception of the inevitable holiday demand for red carnations and red roses and the corresponding advantage to any other flower approaching this color there was an abundance of every variety and grade to suit the buyer and prices were fairly satisfactory to all parties concerned; although moderate on some lines as compared with previous similar occasions. Weather conditions suited the trade exactly. It will be many years in all probability before a situation equally satisfactory to all interests will present itself. It had been expected that there would be, as in the past, an unweildy glut of violets but this was not so. The quality, however, was not up to expectations. The plant trade took care of itself nicely. The growers were all cleaned out well in advance and the retailers made a splendid record in the department there being almost nothing left as a reminder of Christmas on the morning of the 26th except empty shelves and stands. This week finds the market in healthy shape, supply of heavy, quality good, prices steady and the weather outlook good for a continuance of these conditions for a week at least.

The Christmas cut flower market here was very good, and we think we can safely say that it was considerably larger in volume than last year. This applies not only to local trade but also to shipments to interior points—indicating that the cut flower business in general held its own and more, not only here but in our smaller tributary cities and towns. The general disposition was to make prices a little lower than last year, rather than to insist on higher prices and take chances—so that perhaps the actual cash returns were probably no larger than last year; but a much larger quantity of stock was moved.

Roses went over well indeed and everything fit was cleaned right. Pink Killarney was good as to size but a little off as to color on the early shipments due not to holding but to the cloudy weather, but the later arrivals were good. Richmonds were exceptionally good. Beauties also were very good and sold well although at slightly lower figures than last year. The demand for white roses although not extra was enough to take care of all the stock that arrived. Carnations sold exceptionally well. The quality was probably the best ever caught here at Christmas and the prices realized were satisfactory. Beacon was of course the leader in the favorite red section and much of the stock brought as high as fifteen while very few reds of any variety brought less than ten. Orchids were a little more plenty this

(Continued on page 595)
Buyer's Directory and Ready Reference Guide

Advertisements under this head, one-cent a word. Initials count as words.

Display advertisers in this issue are also listed under this classification without charge. Reference to List of Advertisers will indicate the respective pages.

Buyers failing to find what they want in this list will confer a favor by writing us and we will try to put them in communication with reliable dealers.

**ACCOUNTANT**
B. J. Davis, 28 State St., Boston. For page see List of Advertisers.

**AMPELOPSIS**
Ampepopsis Welchii, 1 yr. plants, $3.00 per 100; $25.00 per 1000. Wm. Eberleb Co., North Milwaukee, Wis.

**ARARICAS**

**ASPARAGUS**
Asparagus Plants, extra size Black stuff, $3.00 per 100, $40.00 per 1000. P. Rich, Downer Grove, Ill.

Asparagus plumosus seedlings, clumps, &c., will write for prices. Petal. Mack, Orlando, Fl. Asparagus plumosus, 21/2-in. pots, $3.00 per 100; $37.00 per 1000. Asparagus Strata, 21/2-in. pots, $2.00 per 100; $20.00 per 1000. Price, $5.00 per 100. Storrs & Harrison Co., Palusville, Ohio.

Asparagus plumosus, extra strong healthy stock ready for shift, 21/2-in. $2.50 per 100, $27.00 per 1000. Asparagus Sprenger, strong plants ready for shift, 21/2-in. $2.00 per 100, $17.00 per 1000. $3.00 per 1000. Strong seedlings, $1.00 per 100. John Bausher, Jt., Freeport, Ill.

**AZALEAS**

**BAY TREES**

**BEDDING STOCK**
A. N. Pienos, Inc., Cromwell, Conn. For page see List of Advertisers.

**BERGONIAS**

**BOILERS**
Kroenschell Bros., 460 Erie St., Chicago. For page see List of Advertisers.

**BOXWOOD TREES**

**BOXS—CUT FLOWER—FOLDING**

**BULBS AND TUBERS**

**CAMELIA**
James Vick's Sons, Rochester, N. Y. For page see List of Advertisers. John Lewis Childs, Flowerland, L. I. Summer Flowering Bulbs. For page see List of Advertisers. The W. W. Barlowy Co., Chicago, Ill. For page see List of Advertisers. F. E. Miller, Walling River, N. Y. For page see List of Advertisers. P. W. Beery, Chicago, Ill. For page see List of Advertisers. A. Henderson & Co., Chicago, Ill. Late Fall Parson. For page see List of Advertisers. CALCEOLARIA
Wanted: 50 or 100 Calceolaria hybr. Plants. Mr. Anderson, Glendor, Riverdale on Hudson, N. Y.

**CANALES**
W. W. Barnard Co., Chicago, Ill. For page see List of Advertisers.

**CANNAS**
The Improved Canete—54 varieties, including Most Improved and the Dandies new ones. Seed, $1.00 per 100. $10.00 per 1000; neatly all sold out. August seedlings, $2.00 per 100; $18.00 per 1000. Plants, well set with all 100, $7.50, $25.00 and $25.00 per 100. Orders amounting to $25.00, 10 per cent. off. Here is one of the many letters we received from satisfied customers: "E. A. Butler & Son, Niagara Falls, N. Y., say: 'The plants are excellent, the finest we have ever had. If the seed this year is of the same quality, we will be perfectly satisfied.' Our aim has been to and we have improved our strain every season. Cultural directions with every order. C. W. Winterlich, Cyclopedia, Delphine, Illinois."

**DAHLIAS**
Herbert, Acto, N. J. For page see List of Advertisers.

**DAHLIAS NEW FOR 1911**

**DECORATIVE PLANTS**

**CHINESE SHRUBS AND VINES**

**CHRYSANTHEMUMS**
A. N. Pienos, Inc., Cromwell, Conn. For page see List of Advertisers. Elmer D. Smith, Adrian, Mich. For page see List of Advertisers. Herrington's book on the Chrysanthemum useful to growers. For page see List of Advertisers. Chrysanthemum, rooted cuttings, Monrovia, Polly Rose, $12.00 per 100. Violets, Princess of Wales, $5.00 per 100; $50.00 per 1000. Plants, by letter. $1.00 per 100. Please order early. Max B. Schreiber, McDonald, Pa.

**CINERARIAS**
Cinerarias, finest large-flowering dwarf hybrids in mixture; established in 3 in. pots at $1.00 per 100. Cash. Russell Bros., Syracuse, N. Y.

**COCONUT FIBRE SOIL**
20th Century Plant Food Co., Beverly, Mass. For page see List of Advertisers.

**CYCLAMENS**
John McKenzie North Cambridge, Mass. For page see List of Advertisers. Cyclamen—Best Varieties in different colors include: 200 varieties at $1.00 per 100, $8.00 per 1000. Julius Roehrs Company, Rutherford, N. J. Giant cyclamen, our own grown strain, selected from the very best and well-bred plants and flowers. Seed, $1.00 per 100, $10.00 per 1000; neatly all sold out. August seedlings, $2.00 per 100; $18.00 per 1000. Plants, well set with all 100, $7.50, $25.00 and $25.00 per 100. Orders amounting to $25.00, 10 per cent. off. Here is one of the many letters we received from satisfied customers: "E. A. Butler & Son, Niagara Falls, N. Y., say: 'The plants are excellent, the finest we have ever had. If the seed this year is of the same quality, we will be perfectly satisfied.' Our aim has been to and we have improved our strain every season. Cultural directions with every order. C. W. Winterlich, Cyclopedia, Delphine, Illinois."

**DAHLIAS**
Herbert, Acto, N. J. For page see List of Advertisers.

**DAHLIAS NEW FOR 1911**

**DECORATIVE PLANTS**
INSECTICIDES—Continued

B. H. Hunt, Chicago, Ill.
To-Hand-Prepared Products.
For page see List of Advertisers.

Wilson Plant Oil and Fertilizer Co.,
Elizabethtown, N. J.
For page see List of Advertisers.

Kentucky Tobacco Product Co.,
Nico-Pume,
Louisville, Ky.
For page see List of Advertisers.

Nicotop Mfg. Co., St. Louis, Mo.
For page see List of Advertisers.

Japanese Lillies
Loechner & Co., New York, N. Y.
For page see List of Advertisers.

CREMATED CHEESES
Improved Variety Melvin.
For page see List of Advertisers.

KENTIA.
Robbink & Atkins, Rutherford, N. J.
For page see List of Advertisers.

For page see List of Advertisers.

LANDSCAPE GARDENING COURSE.
Haus Correspondence School, Springfield,
Mass.
For page see List of Advertisers.

LILY OF THE VALLEY PIPS
Loechner & Co., New York, N. Y.
For page see List of Advertisers.

MANTICA.
F. O. Pierce Co., New York, N. Y.

MATS FOR COLD FRAMES
Wm. Elliott & Sons, New York, N. Y.

MUSHROOM SPAWN
Nagara Mushrooms & Spawn Co.,
Lockport, N. Y.
For page see List of Advertisers.

NIPUNK.
Kentucky Tobacco Product Co.,
Louisville, Ky.
For page see List of Advertisers.

NIKOTINE APH11 PUNI.
Nikotin Aphi Co., St. Louis, Mo.
For page see List of Advertisers.

NURSERY STOCK
P. Owernerker, Weehawken Heights, N. J.
For page see List of Advertisers.

For page see List of Advertisers.

W. & T. Smith Co., Geneva, N. Y.
For page see List of Advertisers.

Bay State Nurseries, North Abington,
Mass.
Hardy, North Abington Stock.
For page see List of Advertisers.

Robbink & Atkins, Rutherford, N. J.
For page see List of Advertisers.

Mclutphen & Co., New York, N. Y.
For page see List of Advertisers.

For page see List of Advertisers.

TRIPE, SHRIBS, ROSES, ET CETERA
ENGLISH, ITALIAN PLANTS.
EiseWagner & Harry, Rochester, N. Y.
Manual of the Trees of North America,
by C. R. Sargent, mailed to you for your address for $20.00 by Horticulture Publishing Co.,
11 Hamilton Place, Boston.

Tree Nurseries: Dentfall, Observatory, Hydrangeas, Philadelphia; Viburnums, Privet, Spreiis, Wisteria. Write for price list.

Henry Conard & Sons, West Grove, Pa.

ONION SETS
Leonard Seed Co., Chicago, Ill.
For page see List of Advertisers.

S. D. Woodcraft & Sons, New York, N. Y.
For page see List of Advertisers.

ORCHID FLOWERS
Jas. McElhiney, New York, N. Y.
For page see List of Advertisers.

ORCHID PLANTS
Lager & Harrel, Summit, N. J.
Cypripedium Camphonum.
For page see List of Advertisers.

Julia Ross & Co., Rutherford, N. J.
Hybrid Orchids.
For page see List of Advertisers.

Sander, St. Albans, England.
Importer, Exporter, Growers, Hybridists.
For page see List of Advertisers.

Orchids—largest stock in the country.
Store plants and Cuttings, direct current.
Julia Ross & Co., Rutherford, N. J.
Edward Y. Low, late of Hugh Low & Co.,

Orchid Growers Manual. By R. B. Williams, 300 Illustrations, 800 pages; descriptions of many new and rare varieties of orchidaceous plants, etc. The most complete work on Orchids and orchid culture ever published. For price, see page 1012, listed by HORTICULTURE, 11 Hamilton Place, Boston.

PALMS, ETC.
For page see List of Advertisers.

For page see List of Advertisers.

John Scott, Brooklyn, N. Y.
For page see List of Advertisers.

Julia Ross & Co., Rutherford, N. J.
For page see List of Advertisers.

Joseph House, Woonsocket, R. I.
For page see List of Advertisers.

Loechner & Co., New York, N. Y.
For page see List of Advertisers.

PAPER POTS
Paper Pots: 3 in. pots, 2 1/4 in. $4; 2 in. $3. Shiped flat, low freight rates.

Croathy & Son, Cetatuon, Baltimore, Md.

PATENTS
Siegler & Siegler, Washington, D. C.
For page see List of Advertisers.

PENNY SWEEPER BENCHES
For page see List of Advertisers.

For page see List of Advertisers.

PEGIONES
"Francesca," late dark pink, large divisions, $6.00 per 100, $50.00 per 1000. Chas. Leuker, Freeport, L. L., N. Y.

PLANTS STAKES
Sickle's Thawes Plant Stakes and Trilis.
For page see List of Advertisers.

PLANT TUBES
R. A. Gode, Philadelphia.
For page see List of Advertisers.

PIPE AND FITTINGS
For page see List of Advertisers.

Kroussch Bros., Co. 466 Erie St., Chicago.
For page see List of Advertisers.

Metropolitan Material Co., Brooklyn, N. Y.

POULTRY AND FARM REVIEW.
The Rex Company, Harrisburg, Pa.
For page see List of Advertisers.

PRIMULAS
For page see List of Advertisers.

PRINTING.
The Rex Company, Harrisburg, Pa.
For page see List of Advertisers.

PRYKT.
Calfornia Privet, any quantity, size, age. Others say ours is the best grown. Write for price; also on shrubbery, ornamental, fruit trees, espalier, etc. Franklin Davis Nursery Co., Baltimore, Md.

REFRIGERATORS FOR FLORISTS.
McCray Refrigerator Co., Rendallville, Ind.
For page see List of Advertisers.

RHODODENDRONS.
P. Owernerker, Bayamon, N. J.
For page see List of Advertisers.

Wood, Fiskville, R. I.
For page see List of Advertisers.

EASTERN NURSERIES.
Jamaica Plains, Mass.
For page see List of Advertisers.

For page see List of Advertisers.

WANOO:
Wanoo Banana Conservatories, Natch, Mass.
New Yellow Rose Lady Hillingdon.
For page see List of Advertisers.

Bassett & Washburn, Chicago, Ill.
Rooted Rose Cuttings.
For page see List of Advertisers.

ROSSES—Send for complete list.
Amer. Pillar, 3 yr., $20.00 per 100; Amer. Pillar, 2 yr., $2.00 per 100.
Mr. Perkins, 12.00 per 100; Lady Gay, 4 to 8 for $10.00 per 100.
For page see List of Advertisers.

RUBBER STAMPS.
The Rex Company, Harrisburg, Pa.
For page see List of Advertisers.

SEED GROWERS
Brasail Seed Growers Co., San Jose, Calif.
For page see List of Advertisers.

C. C. Morse & Co., San Francisco, Calif.
For page see List of Advertisers.

J. C. Robinson Seed Co., Waterhill, N. B.
Contract Seed Growers.
For page see List of Advertisers.

SEEDS
For page see List of Advertisers.

Joseph Breck & Sons.
For page see List of Advertisers.

E. I. th. & 52 N. Market St., Boston.
For page see List of Advertisers.

For page see List of Advertisers.

For page see List of Advertisers.

For page see List of Advertisers.

For page see List of Advertisers.
DO YOU KNOW WHAT YOU WANT?

Look in the “Buyers’ Directory” of this issue and you will probably find represented there somebody who can supply you. [It’s a good plan to look it over every week, for the weekly changes and additions are many.]

In writing to Advertisers kindly mention Horticulture
Flower Market Reports.

(Continued from page 67)

year, and sold for rather less money—
quality that they were not caught.
and severely dealt with. Trade was very
the average. Some claim a large in-
over the previous years. Lorraine
and Cincinnati begonias were every-
and overstocked; people are getting shy of them and the florists
must find something more lasting or fall back upon some of the old vari-
ties. Poinsettias sold well and are
quite popular, especially in pans with
turns or asparagus. Azaleas were not
ever plentiful or extra good as a rule.
Bulb stuff moved slowly and was

cleaned out. Cyclamen were good sell-
ers and h-ather to a limited extent.
Primulas obconica and chrysanthemums
fairly well. The public want bright-
colored flowers at this time. Ardisias,
peppers and cherries were good sellers
and few are left over. There was no
advance in the price of pot plants—a
very noticeable falling off in the sale
of palms, rubbers, araucarias and
ficus was noticed. Medium priced
baskets filled with flowering or foliace
plants sold fairly well. Cut flowers
were advanced owing to their being
scarce. With the large majority of
florists roses and carnations were off
crop. The supply of red carnations
and roses was far short of the demand.

Tobacco Paper
IS THE
STRONGTEST,
BEST PACKED,
EASIEST APPLIED.
24 sheets $ 0.75
144 sheets $ 3.50
250 sheets $ 5.00
1728 sheets $ 35.10

Furnishes the
Most Nicotine for the Money
...Manufactured by...
THE KENTUCKY TOBACCO PRODUCT CO.,
Louisville, Ky.

KILMDEAD
The best of all the tobacco dusts for
Dusting or Fumigating
For PROOF
Write to
P. R. Palethorpe Co.,
OWENSBORO, KY.

To-Bak-Ine Products Kill Bugs
You can buy it in Liquid Form, Fumigating Paper, Fumigating Powder and Dusting Powder (Booklet—Words of Wisdom—free.)

Use any form you choose but buy it of
E. H. HUNT, 131 N. Wabash Avenue, Chicago

NIKOTEN THE MOST EFFECTIVE INSECTICIDE
NIKOTEN is the most effective and economical material there is for spraying plants and blooms. Skillfully extracted from best tobacco, and care-
fully refined. It is clean and easy to apply. NIKOTEN never does the work when it is not needed.

NIKOTEN Powder, 500 lbs. $1.00, 100 lbs. $0.25. NIKOTEN Fumigating Paper, $2.50 a roll.

NIKOTEN APHIS PUNK
Specially prepared for fumigating choice flowers. It repels the Aphids, Greenfly, and without waste. Nothing keeps a house free from Aphids better. Price $6.50 per case of 12 packages. All Feeders.

Wilson Plant Oil & Fertilizer Company
ELIZABETH, N. J.
Horticultural Supplies
Write for our special Catalogue.

Cocconut Fibre Siose
Will give you perfection in bulbs and improve the colors of flowers. Will bring seeds up quickly and is the only cover that is right for mushrooms.

20th CENTURY PLANT FOOD CO.,
27 & 29 Ocean St., Beverly Mass.
December 30, 1911

List of Advertisers

ST. LOUIS to let the readers of HORTICULTURE know what we did in St. Louis this busy Christmas. From the reports up to noon Monday, Dec. 25th, from all the leading florists about town it appears that they all were very busy in fact, had all they could do to get out their goods in time for delivery. The weather was fine and delivery was easy. Prices on cut flowers were high, both wholesale and retail, and in all but a few specialties, especially out in the West End where they are all sold out of plants. Poinsettias, cyclamen and azaleas sold better than any other in this line. We can see that this Thanksgiving and Christmas this year was fully up to expectations. The wholesale markets had a great lot of stock of all kinds and it cleaned out this last week. A great cut of violas came in from the Kirkwood growers, with price less than at any Christmas before; not over $1.00 per doz. Did Californians bring with none left over as was generally thought previously. Carnations went as high as $8 per 100 for fancy rods, very scarce. Roses went up to $2 per 100 for fancy rods and $1 per 100 for shorts. Beauties were scarce at $1.00 each. In bulk stock the market was headed down, and the demand was light. There is good promise for a big New Year's trade.

It seems to be the opinion of all that the holiday week was the most successful ever experienced in this city, a demonstration that everything in the way of cut flowers and blooming plants was cleaned up with the possible exception of paper-white narcissus on the few pot poinsettias, the former a drug on the market, the latter very plentiful, and Easter lilies, which are somewhat out of place at this season of the year. The weather was quite warm with the entire week, which made it very advantageous for the grower to handle his plants and the retailer to deliver the goods. The supply of blooming azaleas and begonias and made-up pans of combinations of daturas, heathers, crotons, etc., all of which are a big money maker. While it lasted continuously for three or four days and all day long on Sunday, this condition proved to be a benefit rather than a detriment in that it gave ample time to make up the orders that were to go out on the 24th and 25th which, in some cases, would have been almost impossible, owing to the unprecedented heavy deliveries. Roses were in very good demand and prices quite good; the supply was equal to the demand in most cases, with the possible exception of red roses, which were quite plentiful last week. American Beauties generally found a very

Make the Farm Pay


POULTRY and FRUIT REVIEW

A publication on the farm journal that reviews all poultry and fruit papers in the United States, will be sent on trial one year to all who send 10 cents, to pay wrapping and postage, and names of three fruit or poultry raisers.

THE REX COMPANY HARRISBURG, PA.

SITUATIONS WANTED

GARDENER, 13 years experience under glass and outside. Commercial or private residence, $25 per month. Must be reliable, best references. E. X., care HORTICULTURE.

POSITION WANTED by good all round man; experienced in carnations, chrysanthemums, cut stock, etc. Lifetime experience; 35, married, strictly temperate. Permanent position desired. X. Y., care HORTICULTURE.


FOR SALE

GLASS, 100 boxes, 16 ft. by 21 ft. also 75 boxes 18 ft. by 21 ft. double glazed excellent condition. Also 25 cases of 12 2617 and 2627 and 2227 per box, f. o. b., 8 N. Y. 1-2-3-4. 1000 feet, 11 cent pipe at 10c. Three No. 16 Hitchees holders, at $10.00 each, 3 years old, like new; 15-foot bars at 14 feet. 1000 feet, 1 cent pipe at 1 cent. Two complete greenhouses glazed 10 and 15 ft. by 21 ft. glass, 15 per. semi: automatic waterers, 1000 feet, 1 cent pipe at 1 cent. Two 21 ft. 2000, even pipe, like new. Inquire E. G., care HORTICULTURE, South Smithfield, R. I.

FOR SALE—Fresh from factory, new 16 by 12, 16 by 18, 18 by 24, double thick A and B qualities. Market dropped. Now is the time to buy and save money. Parabatey Bros., Inc., 215-217 Herkemeyer St., Brooklyn, N. Y.
ready sale and here the supply could not keep up with the demand, especially those locally grown. One very especial feature was the unusual amount of flowers used for church decorations, the demand for cut flowers and plants being almost as heavy as at Easter time. One church, in particular, this year used over three hundred poinsettias, and with very good effect, banked as they were in the organ loft and suspended in baskets around the balconies. This, together with an elaborate supply of southern smilax, holly and laurel wreathing, made a very impressive scene which caused a great deal of favorable comment. On the day following Christmas it was almost impossible to find a piece of holly or mistletoe with which to fill orders for the festivities among the smart set which are taking place during the week. Business in the Centre Market during the holidays was exceptionally good and the Saturday night before Christmas found practically all the stands cleaned out.

PHILADELPHIA—RETAIL CHRISTMAS MARKET

By retail we include both plants and cut flowers, the general consensus of opinion (gathred from the leading retail men in personal interviews) seems to be that the year was not as good as last. People generally did not seem to have the money for ordinary luxuries after paying for their automobile hurrahs of the past few years. Those retailers who claimed an increase admitted that said increase was not the result of increased sales. We found few, if any, who were willing to admit that their cash sales were larger. In plants there was quite a lot of good stock left over at the close of the market. In cut flowers, this was not so pronounced. What few left-overs appeared in the latter were of the punky kind, caused either by the weather or by the growers holding them back too long. One good feature this year was the ease of delivery caused both by the mild weather and the fact that it was Sunday day the before. The latter fact caused people to place their orders on Saturday, which gave one full day to catch up, and obviated much of the usual night-work. One retailer who has been thirty-five years at the same stand said it had been the easiest Christmas he had ever put in, although he claimed he had done about as much business as usual.

There were no striking novelties of any kind to be seen either in plants or cut flowers. In fact, many of the odd and rare things of recent years that were hailed with hope and anticipation as having a future were conspicuous by their absence. The old standbys such as poinsettia, Lorraine, azalea, eka, croton, pandanuss, dracaena were all cut in full force and holding their own—most of the stock seen in these lines being very well grown and well finished. There was some good stock this year, but most of it was rather dry, crinkly, brown and lacking in substance, gloss and finish. Holly is about the "limit," or is it below this mark; no good unless it is good. "When it's good, it's very, very good; when it's bad, it's horrid!" Mistletoe was about normal. Plenty of laurel. Lycopodium was in better supply than last year. Without question, the largest stock was in account of the mild season, even as far north as the deep woods in Wisconsin, but there was no over-supply. Around City Hall square, which is the hub of the Christmas tree trade, the supply seemed to be much smaller than last year. Most dealers had cut their orders in half and some had quit. Notwithstanding that condition, half the meagre stock was left unsold, showing that the Christmas tree custom is gradually on the wane in Philadelphia.

PATENTS GRANTED.

1,011,706. Fruit Tree Ventilator. Stephen Dennis, Jonesboro, Ark.
1,011,194. Hoe. William S. Hales, Pineville, N. C.
STRENGTH and DURABILITY

the factors that enter into and make our fittings what they are — the Very Best attachment on the market today for securing wood sashbars to angle iron eave or channel gutter — no bolts — no holes in angle iron to rust out where moisture lodges.

Thousands of these fittings are now in use and not once have we had complaint on same. Our SEMI IRON FRAME and FULL IRON FRAME HOUSES are unequalled. Write for prices.

D. T. CONNOR
Sales Agent
5024 Pine Street
PHILA.

KING GREENHOUSES
WHY?

THEY ARE TRULY ECONOMICAL, BEING STRONG, LASTING AND EASY TO MAINTAIN THEY ARE SCIENTIFICALLY DESIGNED TO STAND ALL THE STRAINS IN A GREENHOUSE.

PRIVATE CONSERVATORIES and COMMERCIAL GREENHOUSES EACH RECEIVE SPECIAL TREATMENT.

KING CONSTRUCTION CO.
Home Office and Factory
N. TONAWANDA, N. Y.
Eastern Sales Office
No. 1 MADISON AVENUE, N. Y.

STANDARD PLATE GLASS CO.
Manufacturers—Importers—Jobbers
NOW IS THE TIME TO BUY
FRENCH OR AMERICAN GREENHOUSE GLASS
LOWEST PRICES ON REQUEST
26-30 Sudbury St. BOSTON, MASS. 61-63 Portland St.

SHARP, PARTIDGE & CO.
Are Leaders In
GREENHOUSE GLASS
OUR PRICES WILL PROVE THIS. CHICAGO, ILL.

BOSTON PLATE & WINDOW GLASS CO.
Greenhouse Glass
GERMAN AND AMERICAN
2616 & 2074 St. BOSTON 26 to 22 Canal St.

Greenhouse Material and Sash
Of Every Description
Get our Price and Catalogue.
S. JACOBS & SONS
1359-1385 Flushing Ave.
Brooklyn, N. Y.

Dreer’s Peerless Glazing Points
For Greenhouses
Drive easy and true, because both beads are on the same side. Can’t twist and break the glass in driving. Guaranteed and will not rust. No rights of litters. The Peerless Glazing Point is patented. None are like it. Order from your dealer or direct from us. 1000, 75c. postpaid. Samples free.

HERB A. DREER
14 Cheveny Street Philadelphia.
The rose house wing of the Clarence Mackay range at Roslyn, L. I. How exceedingly attractive it is! You should see the complete range. It's shown in the new catalog. Send for it.

Hitchings and Co.,
Spring and Louisa Streets - Elizabeth, N. J.

Here is a model of simplicity and practicability in greenhouse construction. No elaborate descriptive matter or voluble philosophy is needed in connection with the above illustration. The practical gardener will recognize the good features at a glance. My modern patented curved eave construction, so well shown in the picture, may have imitators but it has no competitor. If you would like to know more about it, write for details. Many of the finest ranges of greenhouses in the country are of this construction. Investigate, Before You Build.

William H. Lutton,
West Side Ave. Sta., Jersey City, N. J.