A LIST AND INDEX OF THE PUBLICATIONS OF THE UNITED STATES NATIONAL MUSEUM (1875-1946)

Compiled in the Editorial Division
Smithsonian Institution

It is chiefly by the publications of the Institution that its fame is to be spread through the world, and the monument most befitting the name of Smithson erected to his memory.

Joseph Henry
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ONLY once before has there been issued a complete list, with index, of the publications of the National Museum. This was entitled "A List of the Publications of the United States National Museum (1875-1900)" and was published in 1902 as U. S. National Museum Bulletin No. 51. It was compiled by Randolph I. Geare, chief of the Division of Correspondence and Documents, and aggregated 168 printed pages. A supplement was issued four years later, bringing the list through the year 1906.

Forty years have thus elapsed, and it is therefore felt that the present work is long overdue. Inasmuch as publication (i.e., the "diffusion of knowledge") is one of the two prime functions of the Smithsonian Institution, another complete list is especially appropriate this year (1946) when the one-hundredth anniversary of the Institution's founding is being observed. Since Bulletin 51 has long been out of print, the present list has been made all-inclusive, covering the entire 71-year span of Museum publication.

The publications of the National Museum have appeared in five series as follows: the Annual Reports, the Bulletins, the Proceedings, the Special Bulletins, and the Circulars. The Reports previous to 1905 were large volumes containing, in addition to the administrative reports, papers based upon the Museum collections and upon its explorations and researches. Examples of these are such monumental contributions as Donaldson's monograph on the George Catlin Indian Gallery, Hornaday's "Extinction of the American Bison," Goode's "The Museums of the Future," and Ridgway's "The Humming Birds." Since 1905 the Reports have been without the supplemental papers but have continued the lists of all the accessions received each year by the Museum.

The first of the Bulletins was issued in 1875. This series contains separate publications of monographic proportions—systematic treatises, faunal works, reports of expeditions, catalogs of type specimens and special collections—and in all fields of the Museum's scientific work. To date, 193 Bulletins have been issued, some of them in several volumes (as Nos. 47, 50, 71, 82, 100, 104). In this series also are included the Contributions from the United States National Herbarium, now in their thirtieth volume, containing papers relating to the botanical collections of the Museum. In all, therefore, the Bulletin series aggregates nearly 300 separate volumes.

Of the Proceedings, begun in 1878, 96 volumes have been published, comprising a total of 3,204 separate papers. This series, for the most part,
contains technical papers in biology, geology, and anthropology, based on the Museum's collections in these fields. Most of them are taxonomic in character, since one of the principal tasks of Museum curators is to name and arrange in systematic order the specimens and objects under their care. Copies of each paper, in pamphlet form, are distributed as published to libraries and scientific organizations and to specialists and others interested in the different subjects. The dates at which these separate papers are published are recorded in the table of contents of each of the completed volumes.

No Circular has been issued since 1929, and the quarto series of Special Bulletins stopped with the final part of No. 4 in 1915.

There have been three editors of the National Museum publications: A. Howard Clark, who served from 1879 to 1896; Marcus Benjamin, from 1896 to 1931; and Paul H. Oehser, the present editor, who succeeded Dr. Benjamin in 1931.

The original distribution of all Museum publications is designed to make them as widely available as possible, in view of the relatively small editions printed. They are sent free to libraries and scientific establishments throughout the world, to specialists in the particular fields of science involved, and to others interested who may request copies. Small editions of the Bulletins and Reports are printed for sale by the Superintendent of Documents, United States Government Printing Office. Only the most recent publications are now available, the earlier numbers (except in rare instances) being long out of print. Information as to the availability of any particular number may be obtained by addressing the Division of Publications, Smithsonian Institution, Washington 25, D. C.

The present list and index have been compiled in the Editorial Division of the Smithsonian Institution, under the direction of Webster P. True, chief, and Paul H. Oehser, assistant chief. The classified index of titles is the work of Miss Gladys O. Visel, editorial clerk; while Mrs. Phyllis W. Prescott and Miss Ruth B. MacManus have aided in assembling the list. Lester E. Commerford, chief of the Division of Publications, has been most helpful in supplying dates and other information.

Scientific bibliographies and indexes rarely need apology, since they are the acknowledged indispensable tools of scientists, teachers, students, librarians, and editors. The present list is no exception, the only regret being that it was not found practicable at this time to list under one cover all the publications of the Smithsonian Institution. Such a comprehensive list would include the publications of the Smithsonian proper, the Bureau of American Ethnology, the Astrophysical Observatory, the Freer Gallery of Art, and the National Collection of Fine Arts, as well as those of the National Museum. In lieu of that, the present work is offered, and those who are familiar with matters of scientific literature will know that it represents a notable achievement in the "diffusion of knowledge among men" and one of which James Smithson, founder of the Smithsonian Institution, would have been truly proud.
ANNUAL REPORTS


Pt. 3. Scientific papers:
   No. 4. On a spotted dolphin apparently identical with the Prodelphinus doris of Gray. By Frederick W. True. Pp. 317-324, 6 pls.


Report of the United States National Museum for the half year ending June 30, 1885. (Pt. 2 of the Annual Report of the Board of Regents of the Smithsonian Institution to July 1885.)


Report of the United States National Museum for the year ending June 30, 1886. (Pt. 2 of the Annual Report of the Board of Regents of the Smithsonian Institution for the year ending June 30, 1886.)


Pt. 2. Reports of the curators. Pp. 87-252.

Pt. 3. Papers describing and illustrating the collections in the U. S. National Museum.

1 This was the first report on the operations of the National Museum printed under a separate cover. The reports of the Museum for 1881, 1882, and 1883 were first printed in the reports of the Institution for those years and were afterward issued in pamphlet form. The Museum Report for 1884 was the first one to occupy a separate volume of the Smithsonian Report and to be accompanied by papers based upon the collections.

2 This volume covers only the first six months of the year 1885, since it was decided to issue future reports by fiscal year instead of by calendar year.


Report of the United States National Museum for the year ending June 30, 1887. (Pt. 2 of the Annual Report of the Board of Regents of the Smithsonian Institution for the year ending June 30, 1887.)


Pt. 2. Reports of the curators. Pp. 65-158, 2 figs., 1 pl.

Pt. 3. Papers illustrative of the collections in the U. S. National Museum.


Pt. 3. Papers describing and illustrating the collections in the U. S. National Museum.


No. 3. The expedition to Funk Island, with observations upon the history and anatomy of the great auk. By Frederic A. Lucas. Pp. 493-529, 3 pls.
No. 4. Fire-making apparatus in the U. S. National Museum. By Walter Hough. Pp. 531-587, 60 figs. (some of them appearing on 8 pls.).


Pt. 3. Papers describing and illustrating the collections in the U. S. National Museum.


No. 4. The puma, or American lion (Felis concolor of Linnaeus). By Frederick W. True. Pp. 591-608, 1 pl.

No. 5. Animals recently extinct or threatened with extermination, as represented in the collections of the U. S. National Museum. By Frederick A. Lucas. Pp. 609-649, 2 figs., 7 maps, 10 pls.


Report of the United States National Museum for the year ending June 30, 1890.


Pt. 3. Papers describing and illustrating the collections in the U. S. National Museum.


BULLETIN 193, UNITED STATES NATIONAL MUSEUM


Pt. 3. Papers describing and illustrating the collections in the U. S. National Museum.


Report of the United States National Museum for the year ending June 30, 1892.


Pt. 3. Papers describing and illustrating the collections in the U. S. National Museum.


No. 4. The shofar—its use and origin. Pp. 437-450, 4 pls.

No. 5. The Crump burial cave. (Blount County, Alabama.) By Frank Burns. Pp. 451-454, 1 pl.


Pt. 2. Papers describing and illustrating the collections in the U. S. National Museum.


Pt. 2. Papers describing and illustrating the collections in the U. S. National Museum.


No. 2. Prehistoric art; or, the origin of art as manifested in the works of prehistoric man. By Thomas Wilson. Pp. 325-664, 325 figs., 74 pls., frontispiece.

No. 4. Te Pito Te Henua, known as Rapa Nui; commonly called Easter Island, South Pacific Ocean. Latitude 27° 10' S., Longitude 109° 26' W. By George H. Cooke. Pp. 689-723.

Memorial Meeting.
Invitation. P. 3.
Programme. P. 4.


The first national scientific congress (Washington, April, 1844), and its connection with the organization of the American Association. Pp. 467-477.


ANNUAL REPORTS 11


BULLETINS


6. Classification of the collection to illustrate the animal resources of the United States. A list of substances derived from the animal kingdom, with synopsis of the useful and injurious animals and a classification of the methods of capture and utilization. [International Exhibition, 1876.] By G. Brown Goode. Pp. i-xiii and 1-126. 1876.

BULLETINS

8. Index to the names which have been applied to the subdivisions of the class Brachiopoda excluding the rudistes previous to the year 1877. By W. H. Dall. Pp. 1-88. 1877.


Section E. Protection and culture of useful animals. Pp. 233-248.


— Mollusks. List of shells obtained by Mr. Ludwig Kumlien, naturalist to the Howgate Expedition, 1877-78, at points in Cumberland Sound, Arctic region, west from Baffin's Bay. By W. H. Dall. Pp. 145-146.
Insects: Hymenoptera, Nocturnal Lepidoptera, Diptera, Coleoptera, Neuroptera, and Arachnida. By S. H. Scudder and others. Pp. 159-161. (Hymenoptera, E. T. Cresson; Lepidoptera, A. R. Grote; Diptera, E. Burgess; Coleoptera, J. L. LeConte; Neuroptera, H. Hagen; Arachnida, J. H. Emerton.)


19. Nomenclator Zoologicus. An alphabetical list of all generic names that have been employed by naturalists for recent and fossil animals from the earliest times to the close of the year 1879. In 2 parts: I. Supplemental list. II. Universal index. By Samuel H. Scudder. Pp. i-xxi, 1-376, 1-340. 1882.


26. Avifauna Columbiana: being a list of birds ascertained to inhabit the District of Columbia, with the times of arrival and departure of such as non-residents, and brief notices of habits, etc. The second edition, revised to date, and entirely rewritten. By Elliott Coues and D. Webster Prentiss. Pp. 1-133, 100 figs., 2 pls. 1883.


Pt. AA. Concordance to the official classification for the use of the juries. Pp. 87-105.


Pt. G. Descriptive catalogue of the collection illustrating the scientific investigation of the sea and fresh waters. Pp. 511-622.


Pt. I. Catalogue of the collection illustrating the fishing vessels and boats and their equipment; the economic condition of fishermen; anglers' outfits, etc. By Joseph W. Collins. Pp. 645-823.


29. Results of ornithological explorations in the Commander Islands and in Kamtschatka. By Leonhard Stejneger. Pp. 1-382, 8 figs., 8 pis. 1885.


39. Directions for collecting and preserving specimens.


Pt. B. Directions for collecting Recent and fossil plants. By F. H. Knowlton (with notes on collecting and preserving fresh-water algae, by Frank S. Collins). Pp. 1-46, 10 figs. 1891.


Pt. 3. Pp. i-xxiv, 2183a-5136. 1898.
Pt. 4. Pp. i-ci, 5137-3313, 392 pls. 1900.


50. The birds of North and Middle America: A descriptive catalogue of the higher groups, genera, species, and subspecies of birds known to occur in North America, from the Arctic lands to the Isthmus of Panama, the West Indies and other islands of the Caribbean Sea, and the Galapagos Archipelago.


53. Catalogue of the type and figured specimens of fossils, minerals, rocks and ores in the Department of Geology, United States National Museum. Prepared under the direction of George P. Merrill.


76. Asteroidea of the North Pacific and adjacent waters. By Walter Kenrick Fisher.
   Pt. 3. Forcipulata (concluded.). Pp. i-iii, 1-356, 93 pls. 1930.


82. A monograph of the existing crinoids. By Austin Ichabod Clark. Vol. 1, The comatulids:
   Pt. 4a. Superfamily Mariametrida (except the family Colobometridae).


Pt. 10. The sedimentary formations of the Panama Canal Zone, with special reference to the stratigraphic relations of the fossiliferous beds. By Donald Francis MacDonald. Pp. 525-545, 2 figs., 2 pls. May 16, 1919.

Pt. 11. The biologic character and geologic correlation of the sedimentary formations of Panama in their relation to the geologic history of Central America and the West Indies. By Thomas Wayland Vaughan. Pp. 547-612. May 19, 1919.


CONTRIBUTIONS FROM THE U. S. NATIONAL HERBARIUM

Volume 1

Reports on collections, and miscellaneous papers. Pp. i-viii (title page, note, prefatory note, contents, and list of illustrations); pp. 1-368 (papers 1-9); pp. 393-434 (index); 10 figs., 35 pls. 1890-1895.


* Volumes 1-8 of the Contributions were published by the U. S. Department of Agriculture.
Volume 2


Volume 3

Reports on collections, revisions of groups, and miscellaneous papers. Pp. i-vii (title page, note, errata and addenda, prefatory note, contents, and list of illustrations) ; pp. 1-578 (papers 1-9) ; 579-612 (index) ; 28 pls. 1892-1896.


Volume 4


Volume 5

Systematic, economic, and ecological investigations. Pp. i-x (title page, note, prefatory note, contents, and illustrations) ; pp. 1-550 (papers 1-6) ; pp. 551-585 (index) ; 77 pls., 90 figs., 2 maps. 1897-1901.


Volume 6


Volume 7

Systematic and geographic botany and aboriginal uses of plants. Pp. 1-8 (title page, contents, and note); pp. 9-408 (papers 1-3); 21 pls., 78 figs. 1900-1902.


Volume 8

Mexican, Central American, and Porto Rican plants. Pp. i-xiii (title, advertisement, title page, note, preface, contents, and illustrations); pp. 1-339 (parts 1-4); pp. 341-373 (index); 19 figs., 73 pls. 1903-1905.


Volume 9

Volume 10
Systematic investigations in phanerogams, ferns, and diatoms. Pp. i-xii (title, advertisement, title page, note, preface, contents, and illustrations); pp. 1-508 (parts 1-7); pp. 509-535 (index); 6 figs., 56 pls. 1906-1908.

Part 1.

Volume 11

Volume 12
Systematic investigations and bibliography. Pp. i-xvi (title, advertisement, title page, note, preface, contents, and illustrations); pp. 1-455 (parts 1-10); pp. 457-474 (index); 67 figs., 85 pls. 1908-1909.

Part 1.


**Volume 13**

Systematic and ecological investigations and bibliography. Pp. i-xvi (title, advertisement, title page, note, preface, contents, and illustrations); pp. 1-466 (parts 1-12); pp. 467-489 (index); 91 figs., 96 pls., 1 map. 1909-1912.


Volume 14

Lichens of Minnesota; history of coconut palm; grama grasses. Pp. i-xiv (title, advertisement, title page, note, preface, contents, and illustrations); pp. 1-428 (parts 1-3); pp. 429-444 (index); 63 figs., 84 pls. 1910-1912.

Part 1.

Volume 15


Volume 16

Systematic investigations in phanerogams, ferns, and mosses. Pp. i-xv (title, advertisement, title page, note, preface, contents, and illustrations); pp. 1-371 (parts 1-14); pp. 373-389 (index); 54 figs., 133 pls., 1 map. 1912-1916.

Part 1.

**Volume 17**

Systematic investigations in lichens and ferns, grasses and other phanerogams. Pp. i-xiv (title, advertisement, title page, note, preface, contents, and illustrations); pp. 1-625 (parts 1-8); pp. 627-647 (index); 149 figs., 54 pls. 1913-1916.

Part 1.

**Volume 18**

Systematic investigations of tropical American plants. Pp. i-xvii (title, advertisement, title page, note, preface, contents, and illustrations); pp. 1-471 (parts 1-7); pp. 473-494 (index); 104 figs., 106 pls. 1914-1917.

Part 1.

**Volume 19**

Volume 20

Systematic studies of American plants. Pp. i-xv (title, advertisement, title page, note, preface, contents, and illustrations); pp. 1-588 (parts 1-14); pp. 589-605 (index); 70 figs., 51 pls. 1917-1925.

Part


Volume 21


Volume 22

Systematic plant studies, chiefly tropical American. Pp. i-xiv (title, advertisement, title page, note, preface, contents, and illustrations); pp. 1-748 (parts 1-10); pp. 749-777 (index); 87 figs., 64 pls. 1920-1927.

Part


Volume 23


Part

Volume 24

Plant studies, chiefly tropical American. Pp. i-xii (title, advertisement, title page, note, preface, contents, and illustrations); pp. 1-762 (parts 1-9); pp. 763-802 (index); 4 figs., 52 pls. 1922-1930.

Part

Volume 25

Volume 26

Systematic plant studies: mainly tropical America. Pp. i-xii (title, advertisement, title page, dates of publication, errata, preface, contents, and illustrations); pp. 1-530 (parts 1-10); pp. 531-554 (index); 39 figs., 40 pls. 1927-1939.


Volume 27


Volume 28

Systematic plant studies. Pp. i-xii (title, advertisement, title page, dates of publication, errata, preface, contents, and illustrations); pp. 1-675 (parts 1-4); pp. 677-694 (index); 144 figs., $27 pls. 1929-1941.


Volume 29

[Volume in progress.]


Volume 30

[Volume in progress.]

A subject index to Elmer D. Merrill's "A Botanical Bibliography of the Islands of the Pacific." By Egbert H. Walker. (In press.)


Proceedings of the United States National Museum, vol. 1. Pp. i-iv (title page and table of contents); pp. 1-488 (Proceedings papers 1-61); pp. 489-520 (index); 7 figs., 8 pls. 1879.


61. A general catalogue of the birds noted from the islands of the Lesser Antilles visited by Mr. Fred. A. Ober; with a table showing their distribution, and those found in the United States. By George N. Lawrence. Pp. 486-488. May ? 1879.

Volume 2


List of names, age, tribe, etc., of Indian boys and girls at Hampton Normal and Agricultural Institute, Virginia, plaster casts of whose heads were taken by Clark Mills, Esq., March, 1879. By R. H. Pratt. P. 211. Dec. 17, 1879.


120. Remarks on the species of the genus Chirus found in San Francisco market, including one hitherto undescribed. By W. N. Lockington. Pp. 53-57. May 18, 1880.


Description of a very large fossil gastropod from the state of Puebla, Mexico. By C. A. White. Pp. 140-142. 1 pl. 1880 (exact date of publication unknown).

Description of two new species of *Sebastianichthys* (*Sebastianichthys entomelas* and *Sebastianichthys rhodochloris*), from Monterey Bay, California. By David S. Jordan and Charles H. Gilbert. Pp. 142-144, 1880 (exact date of publication unknown); pp. 145-146, July 8, 1880.


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BULLETIN 193, UNITED STATES NATIONAL MUSEUM


216. Description of a new sub-species of *Loxigilla* from the Island of St. Christopher, West Indies. By George N. Lawrence. Pp. 204-205, Nov. 25, 1881.


218. The comparative action of dry heat and sulphurous acid upon putrefactive bacteria. [Based on experiments by Dr. Wermch.] P. 206. Nov. 25, 1881.


Description of a new species of Xenichthys (Xenichthys xenurus) from the west coast of Central America. By David S. Jordan and Charles H. Gilbert. P. 454. 1882 (exact date of publication unknown).


Volume 5

Proceedings of the United States National Museum, vol. 5. Pp. i-xi (title page, advertisement, table of contents, list of illustrations, and list of corrections); pp. 1-663 (Proceedings papers 257-342); pp. 665-703 (index); 52 figs., 12 pls. 1883.


323. Does the panther (Felis concolor) go into the water to kill fish? By Livingston Stone. P. 570. Apr. 3, 1883.


Volume 6


PROCEEDINGS
Proc. No.


Proc.
No.
387. Notes on a collection of fishes made in 1882 and 1883 by Capt. Henry E.
Nichols, U.S.N., in Alaska and British Columbia, with a description of a

388. Notes on some fishes collected by James G. Swan in Washington Territory,
Jan. 18, 1884.

389. Notes on fishes observed at the head of Chesapeake Bay in the spring of
1882; and upon other species of the same region. By Tarleton H. Bean.


392. On some Costa Rican birds, with descriptions of several supposed new species.

393. On an antique Roman mosaic from Carthage, now in the United States National

394. On the skeleton of Phoca (Iliostriophoca) fasciata, Zimmerman. By Frederick

395. On the source of the jadeite implements of the Alaskan Inuitts. By E. W.

396. On the origin of the fossil bones discovered in the vicinity of Tise's Ford,

Volume 7

advertisement, table of contents, list of illustrations, and list of corrections); pp.
1-553 (Proceedings papers 397-469); pp. 555-624 (Appendix, circulars 23-31);
pp. 625-661 (index); 15 figs., 2 pls. 1885.

397. List of, and notes upon, the lichens collected by Dr. T. H. Bean in Alaska

fig. July 8, 1884.

399. A new geographical race of the mountain sheep (Ovis montana delli var.


401. A review of the species of the genus Calamus. By David S. Jordan and

402. Descriptions of ten new species of fishes from Key West, Florida. By David

403. Note on Caranx ruber and Caranx bartholomaei. By David S. Jordan and

404. Notes on a collection of fishes from Pensacola, Florida, obtained by Silas
Stearns, with descriptions of two species (Exocoetus volador and

405. Note on Adurichthys eydouxii and Porichthys porosissimus. By David S. Jor¬


407. Description of a new species of whitefish (Coregonus nelsonii), from Alaska.

408. On the literature and systematic relations of the saccopharyngoid fishes. By
Theodore Gill and John A. Ryder. Pp. 48-64, July 8, 1884; p. 65, July 25,
1884.


Description of Zygonectes zonifer, a new species of Zygonectes, from Nashville, Georgia. By David S. Jordan and Seth E. Meek. P. 482. Feb. 25, 1885.


Contributions to the history of the Commander Islands. No. 4. A. Notes upon the plants collected on the Commander Islands (Bering and Copper Islands) by Leonhard Stejneger. By Asa Gray. Pp. 527-528, Feb. 25, 1885; p. 529, Mar. 23, 1885.


Note on the scientific name of the yellow perch, the striped bass, and other North American fishes. By David S. Jordan. Pp. 72-73. May 6, 1885.


514. The generic name of the pastinacas, or "sting-rays." By S. Garman. Pp. 221-224. July 24, 1885.


534. Notice of recent additions to the marine Invertebrata of the northeastern coast of America, with descriptions of new genera and species and critical
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No.


541. Contributions to the history of the Commander Islands. No. 5.—Description of a new species of Mesoplodon, M. stejnegeri, obtained by Dr. Leonhard Stejneger, in Bering Island. By Frederick W. True. Pp. 584-585, 1 pl. Nov. 21, 1885.


Volume 9

Proceedings of the United States National Museum, vol. 9: Pp. i-viii (title page, advertisement, table of contents, list of illustrations, dates of publication of signatures, and list of corrections); pp. 1-660 (Proceedings papers 549-598); pp. 661-714 (index); 6 figs., 25 pls. 1887.


Volume 10


Contributions to the natural history of the Commander Islands. No. 7.—Revised and annotated catalogue of the birds inhabiting the Commander Islands. By Leonhard Stejneger. Pp. 117-145, 3 pls. July 2, 1887.


Contributions to the natural history of the Commander Islands. No. 8.—Description of Alopecurus stejnegeri, a new species of grass from the Commander Islands. By Geo. Vasey. P. 153. July 2, 1887.


Volume 11

Proceedings of the United States National Museum, vol. 11. Pp. i-xi (title page, advertisement, table of contents, list of illustrations, dates of publication of signatures, and list of errata); pp. 1-671 (Proceedings papers 676-760); pp. 673-703 (index); 137 figs., 60 pls. 1889.


79. On a new series of Charina from California. By E. D. Cope. P. 88. [Illustration on plate accompanying No. 729.] Nov. 8, 1888.


Description of a new species of *Hyalina*. By Wm. H. Dall. P. 214, 3 figs. Mar. 12, 1889.


On the Eutaeniae of southeastern Indiana. By E. D. Cope. Pp. 399-401, 1 pl. [Fig. 2 pertains to No. 689.] July 5, 1889.


Description of a new species of deer, Cariacus clavatus, from Central America.

Review of Japanese birds. VIII.—The nutcracker (Nucifraga caryocatactes macrorhynchos).

The single-headed drum of the Naskopie (Nagnagnot) Indians, Ungava district, Hudson Bay territory.

Notes on a collection of fishes from the Maumee Valley, Ohio.

Description of new genera and species of fossils from the Middle Cambrian.

A simple method of measuring the thickness of inclined strata.

Notes on some Indian Territory land and fresh-water shells.

Notes on Hydrocotyle americana L.

Notes on some California fishes, with descriptions of two new species.

On the occurrence of Echinomys semispinosus, Tomes, in Nicaragua.

On the mammals collected in eastern Honduras in 1887 by Mr. Charles H. Townsend, with a description of a new subspecies of Capromys from Little Swan Island.

The preparation of Japanese lacquer and the manufacture of Wakasa lacquer ware.

A fossil Lingula preserving the cast of the peduncle.

Notes on the species of Lachnosterna of temperate North America, with descriptions of new species.

Description of Coregonus pusillus, a new species of whitefish from Alaska.

List of plants collected by Dr. Edward Palmer in Lower California in 1889.

Notes on Costa Rican birds, with descriptions of seven new species and subspecies and one new genus.

Review of Japanese birds. IX.—The wrens.

List of fishes collected at Green Turtle Cay, in the Bahamas, by Charles L. Edwards, with descriptions of three new species.

Description of a new species of Bathymaster (B. jordani) from Puget's Sound and Alaska.


Notes on some Neotropical birds belonging to the United States National Museum.

On the classification of the mail-cheeked fishes.

Gleanings among the pleuronectids, and observations on the name Pleuronectes.

Note on the genus Spheroides.


Volume 12


768. Scientific results of explorations by the U. S. Fish Commission steamer Albatross. No. II.—Birds collected on the Island of Santa Lucia, West Indies, the Abrolhos Islands, Brazil, and at the Straits of Magellan, in 1887-'88. By Robert Ridgway. Pp. 129-139. Feb. 5, 1890.


792. Remarks on some fossil remains considered as peculiar kinds of marine plants. By Leo Lesquereux. Pp. 5-12, 1 pl. July 18, 1890.


Volume 13


792. Remarks on some fossil remains considered as peculiar kinds of marine plants. By Leo Lesquereux. Pp. 5-12, 1 pl. July 18, 1890.


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Description of new forms of Upper Cambrian fossils. By Charles D. Walcott.


Notes on fishes of the genera Agosia, Algansea, and Zophendum. By David Starr Jordan.

Description of a new species of Ethcostoma (E. micropterus) from Chihuahua, Mexico. By Charles H. Gilbert.

Description of a new species of the genus Carolia, and remarks on Carolia brevicauda. By Harrison Allen.

Osteological characteristics of the family Amphipteridae. By Theodore Gill.

Description of a new species of mouse, Phenacomys longicandus, from Oregon. By Frederick W. True.

Notes on the habits of the moose in the far north of British America in 1865. By J. G. Lockhart.


Scientific results of explorations by the U. S. Fish Commission steamer Albatross. No. XVIII.—List of fishes obtained in the harbor of Bahia, Brazil, and in adjacent waters. By David Starr Jordan.

Notes on the osteology of the Paridae, Sitta, and Chamaea. By Frederic A. Lucas.

Note on the Aspredinidae. By Theodore Gill.

Note on the genus Felichthys of Swainson. By Theodore Gill.

The characteristics of the family of scatophagoid fishes. By Theodore Gill.

On the relations of Cyclopteroidea. By Theodore Gill.

The osteological characteristics of the family Hemitripteridae. By Theodore Gill.

Playing cards from Japan. By Mrs. J. King Van Rensselaer.


Contributions toward a monograph of the Noctuidae of temperate North America.—Revision of the species of Iadena referable to Xylophasia and Luperina. By John B. Smith.

Scientific results of explorations by the U. S. Fish Commission steamer Albatross. No. XIX.—A supplementary list of fishes collected at the Galapagos Islands and Panama, with descriptions of one new genus and three new species. By Charles H. Gilbert.

The birds of Manitoba. By Ernest E. Thompson.

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849. Scientific results of explorations by the U. S. Fish Commission steamer Albatross. No. XX.—On some new or interesting west American shells obtained from the dredgings of the U. S. Fish Commission steamer Albatross in 1888, and from other sources. By Wm. H. Dall. Pp. 173-191, 3 pls. July 24, 1891.


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Proceedings of the United States National Museum, vol. 15. Pp. i-vi (title page, advertisement, table of contents, list of illustrations, dates of publication of articles); pp. 1-495 (Proceedings papers 887-918); pp. 497-508 (index); 8 figs., 84 pls. 1893.


Proceedings of the United States National Museum, vol. 16. Pp. i-x (title page, advertisement, table of contents, list of illustrations, dates of publication of articles, and list of corrections); pp. 1-791 (Proceedings papers 919-975); pp. 793-808 (index); 21 figs., 84 pls. 1894.

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970. On some collections of reptiles and batrachians from East Africa and the adjacent islands, recently received from Dr. W. L. Abbott and Mr. William Astor Chanler, with descriptions of new species. By Leonhard Stejneger. Pp. 711-741. Feb. 7, 1894.


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Proceedings of the United States National Museum, vol. 17. Pp. i-xiii (title page, advertisement, table of contents, and list of plates); pp. 1-733 (Proceedings papers 976-1032); pp. 735-765 (index); 83 figs., 32 pls. 1895.


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Proceedings of the United States National Museum, vol. 20. Pp. i-xii (title page, advertisement, table of contents, list of illustrations, and errata); pp. 1-901 (Proceedings papers 1124-1139); pp. 905-932 (index); 149 figs., 97 pls. 1898.


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Proceedings of the United States National Museum, vol. 22. Pp. i-xii (title page, advertisement, table of contents, list of illustrations, and errata); pp. 1-1044 (Proceedings papers 1179-1205); pp. 1045-1075 (index); 15 figs., 18 pls. 1900.


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1267. List of generic terms proposed for birds during the years 1890 to 1900, inclusive, to which are added names omitted by Waterhouse in his "Index Generum Avium." By Charles W. Richmond. Pp. 663-730. May 2, 1902.


Volume 25


1304. A revision of the American moths of the family Gelechiidae, with descriptions of new species. By August Busck. Pp. 767-938, 1 fig, 5 pls. May 9, 1903.

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1404. North American parasitic copepods belonging to the family Caligidae. Part I.—

1405. Notes on mammals collected and observed in the northern Mackenzie River
District, Northwest Territories of Canada, with remarks on explorers
and explorations of the Far North. By R. MacFarlane. Pp. 673-764, 2 figs.,
5 pls. June 22, 1905.

1406. Description of a new toad from Cuba. By Leonard Stejneger. Pp. 765-767,
6 figs: June 24, 1905.

1407. List of fishes collected by Dr. Bashford Dean on the Island of Negros, Philip¬
3, 1905.


1409. Notes on an adult goblin shark (Mitsukurina owstoni) of Japan. By Barton

1410. Notes on cestode cysts, Taenia chamissonii, new species, from a porpoise. By

1411. Birds collected by Dr W. L. Abbott in the Kilimanjaro region, East Africa.

1412. A descriptive list of a collection of early stages of Japanese Lepidoptera. By

1413. Additions to the recorded hymenopterous fauna of the Philippine Islands, with
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1414. Notes on the fishes of Puget Sound. By Charles H. Gilbert and Joseph C.

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ings papers 1415-1441); pp. 821-840 (index); 143 figs., 44 pls. 1906.


1417. The classification of the American Siphonaptera. By Carl F. Baker. Pp. 121-


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6, 1905.

1422. A list of fishes collected in Tahiti by Mr. Henry P. Bowie. By David Starr

1423. List of American cochlidian moths, with descriptions of new genera and species.

1424. New genera and species of Hymenoptera from the Philippines. By William

1425. Thomas Martyn and the Universal Conchologist. By William Healey Dall.


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1428. Two new umbelliferous plants from the Coastal Plain of Georgia. By J. N.
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The type of the Jurassic reptile *Morosaurus agilis* redescribed, with a note on *Camptosaurus*. By Charles W. Gilmore. Pp. 151-165, 9 figs., 2 pls. Feb. 8, 1907.


A review of the fishes of the family Gerridae found in the waters of Japan.

Some madreporarian corals from French Somaliland, East Africa, collected by
18, 1907.


A new fossil stickleback fish from Nevada. By Oliver P. Hay. Pp. 271-273,
3 figs. May 18, 1907.

Notes on *Calyptrobothrium*, a cestode genus found in the torpedo. By Edwin

The Decticinae (a group of Orthoptera) of North America. By Andrew Nel¬

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rriet Richardson. Pp. 447-450, 1 fig. May 23, 1907.

A review of the species of the ten-spined sticklebacks or *Pygosteus* from East

Notes on mammals of the Kankakee Valley. By Walter L. Hahn. Pp. 455-

June 15, 1907.

Eighteen new species and one new genus of birds from eastern Asia and the

The skull of *Brachauchenius*, with observations on the relationships of the

List of fishes recorded from Okinawa or the Riu Kiu Islands of Japan. By
David Starr Jordan and Edwin Chapin Starks. Pp. 491-504, 5 figs. June
15, 1907.

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A review of the lizard-fishes or Synodontidae of the waters of Japan. By
15, 1907.

New and characteristic species of fossil mollusks from the oil-bearing Tertiary
June 15, 1907.

On a peculiar form of metamorphism in siliceous sandstone. By George P.

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1593. The parasitic isopod Leidya distorta (Leidy) found on a new host. By Harriet Richardson. Pp. 23-26, 5 figs. Apr. 6, 1908.


1596. The Dalmanellas of the Chemung formation, and a closely related new brachiopod genus Thiemella. By Henry S. Williams. Pp. 35-64, 3 pls. Apr. 6, 1908.


1603. Foraminifera collected near the Hawaiian Islands by the steamer *Albatross* in 1902. By Rufus Mather Bagg, Jr. Pp. 113-172, 1 pl. Apr. 28, 1908.


**Volume 35**


Generic names applied to birds during the years 1901 to 1905, inclusive, with further additions to Waterhouse's "Index Generum Avium." By Charles W. Richmond. Pp. 583-655. Dec. 16, 1908.


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1727. *The birds collected and observed during the cruise of the United States Fisheries steamer* *Albatross* in the North Pacific Ocean, and in the Bering, Okhotsk, Japan, and eastern seas, from April to December, 1906. By Austin Hobart Clark. Pp. 25-74, 1 fig. Apr. 30, 1910.


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1809. Mammals collected by Dr. W. L. Abbott on Borneo and some of the small adjacent islands. By Marcus Ward Lyon, Jr. Pp. 53-146, 2 figs., 7 pls. Apr. 25, 1911.

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1822. [Scientific results of the Philippine cruise of the Fisheries steamer Albatross, 1907-10.—No. 9.] Descriptions of three new fishes of the family Chaetodontidae from the Philippine Islands. By Hugh M. Smith and Lewis Radcliffe. Pp. 319-326, 3 figs. Apr. 17, 1911.


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1853. [Scientific results of the Philippine cruise of the Fisheries steamer Albatross, 1907-10.—No. 12.] Notes on some fishes of the genus Amia, family of Cheilodipteridae, with descriptions of four new species from the Philippine Islands. By Lewis Radcliffe. Pp. 245-261, 3 figs., 6 pls. July 15, 1911.


Description of a new species of isopod of the genus Cleantis from Japan. By Harriet Richardson. Pp. 27-29, 1 fig. Mar. 6, 1912.


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2407. A redescription of the type species of the genera of Coccidae based on species originally described by Maskell. By Harold Morrison and Emily Morrison. Art. 12, pp. 1-120, 37 figs., 6 pls. May 12, 1922.


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2462. Description of two squalodonts recently discovered in the Calvert Cliffs, Maryland; and notes on the shark-toothed cetaceans. By Remington Kellogg. Art. 16, pp. 1-69, 3 figs., 20 pls. Apr. 24, 1923.

BULLETIN 193, UNITED STATES NATIONAL MUSEUM


2473. Description of remains of *Bison occidentalis* from central Minnesota. By Oliver P. Hay. Art. 5, pp. 1-8, 2 pls. May 9, 1923.


Volume 64


Mordenite and associated minerals from near Challis, Custer County, Idaho.


Volume 65


A Tertiary ctenoid from the West Indies. By Frank Springer. Art. 3, pp. 1-8, 1 pl. May 12, 1924.


Description of a recently discovered fossil sculpin from Nevada regarded as Cottus heldigi. By David Starr Jordan. Art. 6, pp. 1-2, 1 pl. Sept. 12, 1924.


Keys to flies of the families Lonchaeidae, Pallopteridae, and Sapromyzidae of the eastern United States, with a list of the species of the District of Columbia region. By J. R. Malloch and W. L. McAtee. Art. 12, pp. 1-26, 2 pls. Sept. 9, 1924.


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2541. Senecella calanoides, a recently described fresh-water copepod. By Chancey Juday. Art. 4, pp. 1-6, 3 pls. May 23, 1925.


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2571. A further and detailed description of the type of Elephas roosevelti Hay and descriptions of three referred specimens. By Oliver P. Hay. Art. 34, pp. 1-6, 1 fig., 4 pls. May 22, 1925.

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2589. Two new larval nematodes belonging to the genus Porrocaecum from mammals of the order Insectivora. By Benjamin Schwartz. Art. 17, pp. 1-8, 1 pl. May 23, 1925.


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2664. Generic names applied to birds during the years 1916 to 1922, inclusive, with additions to Waterhouse's "Index Generum Avium." By Charles W. Richmond. Art. 15, pp. 1-44. Apr. 6, 1927.


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2726. Two common species of parasitic Crustacea (Sacculinidae) of the West Indies. By H. Boschma. Art. 5, pp. 1-10, 6 figs. May 19, 1928.


2730. The scorpius of the western part of the United States, with notes on those occurring in northern Mexico. By H. E. Ewing. Art. 9, pp. 1-24, 1 fig., 2 pls. May 24, 1928.


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2755. Tropical American Diptera or two-winged flies of the family Dolichopodidae from Central and South America. By M. C. Van Duzee. Art. 10, pp. 1-64, 2 pls. Feb. 9, 1929.


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2871. Description of a new genus and species of nematode worm occurring in the northwestern belted kingfisher, with a key to the genera of the subfamily Acuarinae. By Everett E. Wehr. Art. 5, pp. 1-4, 5 figs. June 20, 1931.

2872. Two new species of nematode worms of the genus Ostertagia from the Virginia deer, with a note on Ostertagia lyrata. By G. Dikmans. Art. 6, pp. 1-6, 1 fig., 2 pls. July 25, 1931.


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2908. A catalogue of the Trombiculinae, or chigger mites, of the New World, with new genera and species and a key to the genera. By H. E. Ewing. Art. 8, pp. 1-19, 3 pls. Nov. 19, 1931.


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Two new nematodes, and notes on new findings of nematodes parasitic in Amphibia. By A. C. Walton. Art. 6, pp. 1-5, 1 fig. Mar. 1, 1933.


Description of two parasitic nematodes from the Texas peccary. By Benjamin Schwartz and Joseph E. Alicata. Art. 15, pp. 1-6, 4 figs. Mar. 29, 1933.


A new nematode from the rhea. By Everett E. Wehr. Art. 17, pp. 1-5, 3 figs. Mar. 29, 1933.


Three new chigger mites of the genus *Trombicula* from Panama, with a key to the known adults of *Trombicula* of the New World. By H. E. Ewing. Art. 29, pp. 1-6, 3 figs. Sept. 20, 1933.


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Volume 84

Proceedings of the United States National Museum, vol. 84. Pp. i-viii (title page, advertisement of contents, and list of illustrations); pp. 1-584 (Proceedings papers 2998-3026); pp. 585-606 (index); 34 figs., 20 pls. 1938.


Volume 85

Proceedings of the United States National Museum, vol. 84. Pp. i-x (title page, advertisement, table of contents, and list of illustrations); pp. 1-507 (Proceedings papers 3027-3040); pp. 509-530 (index); 39 figs., 101 pls. 1940.


Proceedings of the United States National Museum, vol. 86. Pp. i-ix (title page, advertisement, table of contents, and list of illustrations); pp. 1-607 (Proceedings papers 3041-3065); pp. 595-626 (index); 71 figs., 71 pls. 1940.

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Proceedings of the United States National Museum, vol. 91. Pp. i-viii (title page, advertisement, table of contents, and list of illustrations); pp. 1-520 (Proceedings papers 3121-3132); pp. 521-529 (index); 64 figs., 28 pls. 1943.


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3139. The chrysomelid beetles Luperodes bivittatus (LeConte) and varicornis (LeConte) and some allied species. By Doris H. Blake. Pp. 57-74, 2 pls. Apr. 7, 1942.


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Volume 94

Proceedings of the United States National Museum, vol. 94. Pp. i-vi (title page, advertisement, table of contents, and list of illustrations); pp. 1-582 (Proceedings papers 3171-3177); pp. 583-598 (index); 34 pls., 157 figs. 1944.

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CIRCULARS

Circ. No.

17. Contributions and their acknowledgment. 1 p. 1881.
22. Brief directions for removing and preserving the skins of mammals. By Wm. T. Hornaday. 7 pp., 4 figs. 1883.
23. Instructions for taking paper molds of inscriptions in stone, wood, bronze, etc. Prepared by A. P. Niblack. 5 pp. 1883.

30. A list of birds the eggs of which are wanted to complete the series in the National Museum, with instructions for collecting eggs. By Charles E. Bendire. Pp. 1-4. 1884.


34. Circular for the guidance of persons desiring to make exchanges of birds or birds' eggs with the National Museum. 1 p. 1886.

35. Concerning the lending of type specimens. By Spencer F. Baird. 1 p. 1886.


45. To the correspondents of the U. S. National Museum. [With a view to securing authors' separates and reprints for the library.] By G. Brown Goode. 1 p. 1894.


49. [Relating to the North American Violaceae.] By Frederick W. True. 1 p. 1899.

50. [Transmitting questions relating to birds and birds' eggs.] By Richard Rathbun. 3 pp. 1901.


52. Circular to accompany collections illustrating rock-weathering and soil-formation which have been prepared by the department of geology, U. S. National Museum. Pp. 1-2. 1928.

The index that follows is intended as a finding-index to the titles and authors of the publications listed in the foregoing pages. It does not attempt to go beyond the titles to index the detailed contents of the papers, as this would require a work of many times this size. For example, under the locality California a user of the index would not be referred to every Museum publication that might include California in its scope. Localities are included only when they appear in the titles. The large categories America and North America have usually not been indexed even when they appear in the titles, as they are too numerous and general to make their indexing of any value. Countries of South America, Africa, Asia, Australia, etc., generally have not been included under the continent except where the latter appears in the title; these countries appear in their alphabetical place in the Index. In general, subjects are broken down into the main divisions of curatorial and research work with which the National Museum is concerned and which is reflected in its publications. Here again the user should not expect to find under any one subject a complete catalog of information. A general paper on insects, for example, might contain information on many families and groups, but since the names of these would not appear in the title of the paper as listed they would not appear in the index (except perhaps in other connections). A paper entitled “The Birds of Ecuador” would be indexed under Birds and under Ecuador, but not under Warblers although this group might occupy a large portion of the paper; whereas a paper on “The Warblers of Ecuador” would be indexed under Birds, Warblers, under Warblers (see Birds), and under Ecuador, Warblers, but not under Ecuador, Birds. In other words, although this is a classified Index, the user must remember that in the natural-history sections entries have not been reassembled under the geographic groups for the sake of systematic completeness; he will find, for example, under South America, entries under Hymenoptera, Diptera, moths, etc., but these have not been assembled under Insects. The reader will find also that absolute uniformity of treatment has occasionally been sacrificed for the sake of brevity and expediency. An instance of this will be found in the class Insecta, which because of its size has been subdivided into its various orders; in other classes of animals this has not been done. Cross-references have been freely used to avoid duplication and to reduce the size of the index.

1 A comprehensive, detailed index of National Museum publications has been in preparation in the Editorial Office of the Museum for several years and is completed to the year 1900. It is in the form of a 3-by-5 card file and comprises to date about 235,000 cards. It may be consulted in the Editor’s Office, Smithsonian Building, by anyone interested.
Key to Abbreviations of Series

B: Bulletin
C: Circular
CNH: Contributions from the National Herbarium
P: Proceedings
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