BULLETIN

OF THE

UNITED STATES NATIONAL MUSEUM.

No. 51.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1902.
This work (Bulletin No. 51) is one of a series of papers intended to illustrate the collections belonging to or placed under the charge of the Smithsonian Institution and deposited in the United States National Museum.

The publications of the National Museum consist of two series—the Bulletin and the Proceedings.

The Bulletin, publication of which was commenced in 1875, is a series of elaborate papers issued separately and based for the most part upon collections in the National Museum. They are monographic in scope and are devoted principally to the discussion of large zoological groups, bibliographies of eminent naturalists, reports of expeditions, etc. The bulletins, issued only as volumes with one exception, are of octavo size, although a quarto form, known as the Special Bulletin, has been adopted in a few instances in which a larger page was deemed indispensable.

The Proceedings (octavo), the first volume of which was issued in 1878, are intended primarily as a medium of publication for newly acquired facts in biology, anthropology, and geology, descriptions of new forms of animals and plants, discussions of nomenclature, etc. A volume of about 1,000 pages is issued annually for distribution to libraries, while a limited edition of each paper in the volume is printed and distributed in pamphlet form in advance.

In addition, there are printed each year in the second volume of the Smithsonian Report (known as the Report of the National Museum) papers, chiefly of an ethnological character, describing collections in the National Museum.

Papers intended for publication by the National Museum are usually referred to an advisory committee, composed as follows: Frederick W. True (chairman), William H. Holmes, George P. Merrill, James E. Benedict, Otis T. Mason, Leonhard Stejneger, Lester F. Ward, and Marcus Benjamin (editor).

S. P. Langley,
Secretary of the Smithsonian Institution.

A LIST

OF

THE PUBLICATIONS

OF THE

UNITED STATES NATIONAL MUSEUM

(1875-1900)

INCLUDING THE ANNUAL REPORTS, PROCEEDINGS, BULLETINS,
SPECIAL BULLETINS, AND CIRCULARS,

WITH INDEX TO TITLES.

BY

RANDOLPH I. GEARE,
Chief, Division of Correspondence and Documents.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1902.
PREFACE.

The purpose of this bulletin is to present a list, with index to titles, of the publications of the U. S. National Museum, which consist of an annual Report, an annual volume of Proceedings, Bulletins, Special Bulletins, and Circulars.

The Report constitutes the second volume of the Smithsonian Report, and the first one thus issued is for the year 1884. A certain number of these volumes is assigned to the Museum for distribution to libraries, to correspondents, and to contributors to the collections, while a considerable part of the edition is distributed by members of Congress. The special papers in these volumes, for the most part describing ethnological collections in the National Museum, are furnished free to those interested.

The series of Proceedings of the National Museum began in 1878, and 23 volumes, containing 1,240 separate papers, have been published. These papers, which are technical, describe, or are based wholly or in part upon, material in the Museum. The volumes are sent only to libraries, while the separate papers are furnished without charge to specialists and others engaged in scientific work.

The first number of the Bulletin was issued in 1875. Of the latest in the series, No. 50 (The Birds of North and Middle America), only the first volume, relating to the Fringillidae, has been issued. The bulletins are intended principally for libraries, but are also given to known specialists working on the groups to which they relate.

Special Bulletins, in quarto, have been issued at irregular intervals, but this form has been used only where a size larger than octavo was deemed especially desirable. The last one published (No. IV) is the first volume of a monograph of the American Hydroids, and relates to the group Plumularidae.

The primary object of the issuance of the series of Circulars was to bring to immediate notice urgent wants of the Museum, or to promulgate special information with the least possible delay. The first circular was published in 1881, and at the time when the present list was sent to the Printing Office this series contained fifty numbers.

None of the above-mentioned publications are sold by the Museum, but when the Museum can not supply them, persons desiring to purchase are advised to write to the Superintendent of Documents, Union Building, Washington, D. C.

Occasionally the Museum exchanges its publications for desirable specimens.
<table>
<thead>
<tr>
<th>TABLE OF CONTENTS.</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Annual reports of the U. S. National Museum (1881-1900), octavo. Titles of the volumes and general contents.</td>
<td>1</td>
</tr>
<tr>
<td>II. Numbered series of 122 papers and other important articles in the Annual Reports (1884-1900).</td>
<td>13</td>
</tr>
<tr>
<td>IV. Bulletins of the U. S. National Museum (1875-1901), octavo, Nos. 1-50</td>
<td>117</td>
</tr>
<tr>
<td>V. Special bulletins of the U. S. National Museum (1892-1900), quarto, Nos. I-IV</td>
<td>125</td>
</tr>
<tr>
<td>VI. Circulars of the U. S. National Museum (1881-1901), Nos. 1-50</td>
<td>127</td>
</tr>
<tr>
<td>VII. Index</td>
<td>131</td>
</tr>
</tbody>
</table>
A LIST OF THE PUBLICATIONS OF THE
U. S. NATIONAL MUSEUM.

I.—REPORTS.

1881-1900.


8vo., pp. 1-79.

List of officers .................................................. p. 31.
Bibliography .................................................. pp. 31-50.
List of contributors ........................................ pp. 51-79.

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 afterwards 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.


8vo., pp. 1-145.

List of officers .................................................. p. 49.
Bibliography .................................................. pp. 49-76.
Accessions .................................................. pp. 77-113.
List of contributors ........................................ pp. 113-145.


8vo., pp. 1-200.

Reports of curators ........................................ pp. 30-114.
BULLETIN 51, UNITED STATES NATIONAL MUSEUM.

Insects. By C. V. Riley. pp. 79-84.
Mollusks. By Wm. H. Dall. pp. 84-90.
List of officers ........................................ p. 115.
Bibliography .............................................. pp. 116-161.
List of contributors ...................................... pp. 162-200.

8vo., pp. ix, 1-458, 105 pls.

Beginning with this year and continuing until 1892, the reports consist of Part I, Report of the Assistant Director [after 1885 this title was changed to Assistant Secretary]; Part II, Reports of the Curators and Acting Curators; Part III, Papers based on collections in the National Museum; Part IV, Bibliography; Part V, List of accessions to the Museum.

Reports of curators ...................................... pp. 75-276.
Insects. By C. V. Riley. pp. 185-188.
Papers illustrating the collections ....................... pp. 277-335.
Bibliography .............................................. pp. 337-381.
Accessions ................................................ pp. 383-428.

8vo., pp. xi, 1-264; vii, 1-939, 144 pls.

Report of Assistant Director pp. 1-54.

Reports of curators pp. 55-147.


Reptiles and Batrachians. By H. C. Yarrow. pp. 93-94.


Invertebrate Fossils (Meso-Cenozoic). By Charles A. White. p. 133.


Lithology and Physical Geology. By George P. Merrill. pp. 139-142.


Bibliography pp. 149-174.

List of accessions pp. 175-243.


8vo., pp. xi, 1-842, 16 pls., 23 figs.

Report of Assistant Secretary pp. 1-83.

Reports of curators pp. 85-252.


Mammals. By Frederick W. True. pp. 147-152.


Reptiles and Batrachians. By H. C. Yarrow. pp. 165-166.


Insects. By C. V. Riley. pp. 181-197; 1 pl., 5 figs.

¹ It having been decided to issue future reports by the fiscal year instead of by the calendar year, this volume covers only the first six months of the year 1885.
Lithology and Physical Geology. By George P. Merrill. pp. 239-244.
Bibliography pp. 671-699.
List of accessions pp. 701-793.


Report of Assistant Secretary pp. 1-62.
Reports of curators pp. 63-558.
Reptiles and Batrachians. By H. C. Yarrow. pp. 103-104.
Insects. By C. V. Riley. pp. 117-123.
Invertebrate Fossils (Paleozoic). By C. D. Walcott. pp. 139-141.
Papers illustrating the collections pp. 159-558.
Bibliography pp. 559-594.
List of accessions pp. 595-703.


Report of Assistant Secretary pp. 1-84.
LIST OF PUBLICATIONS.

Reports of curators........................................ pp. 85–222.
Historical Relics, Coins, Medals, etc. By A. Howard Clark. pp. 115–116.
Papers illustrating the collections ................................ pp. 223–702.
Bibliography ...................................................... pp. 703–734.
List of accessions ................................................ pp. 735–789.

Annual Report | of the | Board of Regents | of the | Smithsonian Institution | showing | the operations, expenditures, and condition | of the Institution | for the | year ending June 30, 1889. | —— | Report | of the | National Museum. | —— | Washington: | Gov-
ernment Printing Office. | 1891.

pp. xvii, 1–883, Appendix E, pp. 1–50; 107 pls., 137 figs., 7 maps.

Report of Assistant Secretary ................................ pp. 1–277.
Reports of curators.............................................. pp. 279–423.
Papers illustrating the collections... pp. 425-735 + Appendix E, pp. 1-50.
Bibliography.............................. pp. 737-775.
List of accessions......................... pp. 777-820.

Annual Report | of the | Board of Regents | of the | Smithsonian Institution. | showing | the operations, expenditures, and condition | of the Institution | for the | year ending June 30, 1890. |
pp. xviii, 1-811, 163 pls., 99 figs.
Reports of curators.......................... pp. 117-249.
Reptiles and Batrachians. By Leonhard Stejneger. pp. 201-203.
Insects. By C. V. Riley. pp. 219-221.
Papers illustrating the collections................ pp. 251-680.
Bibliography.............................. pp. 681-716.
List of accessions......................... pp. 717-765.

Annual Report | of the | Board of Regents | of the | Smithsonian Institution. | showing | the operations, expenditures, and condition | of the Institution | for the | year ending June 30, 1891. |
8vo., pp. xvii, 1-869, 84 pls., 151 figs., 3 diagrams.
LIST OF PUBLICATIONS.

Reports of curators .................................................. pp. 133-270.
Papers illustrating the collections ................................. pp. 271-735.
Bibliography .......................................................... pp. 737-764.
List of accessions .................................................... pp. 765-814.

8vo., pp. xv, 1-620, 103 pls., 5 figs.
Report of Assistant Secretary ................................. pp. 1-97.
Historical Collections. By A. Howard Clark. pp. 115-120.

This and the subsequent reports consist of only two parts: I, Report of the Assistant Secretary, with appendices; II, Papers describing and illustrating collections in the National Museum.

Report of the Assistant Secretary

Appendices

II. Finance, property supplies, and accounts. pp. 194–197.
III. Statement of the distribution of specimens during the year ending June 30, 1893. pp. 197–204.
VI. List of accessions. pp. 219–284.

Papers illustrating the collections pp. 335–780.


Report of Assistant Secretary

Appendices

I. The scientific and administrative staffs. pp. 91–92.
II. Finance, property, supplies, and accounts. pp. 93–95.
IV. Statement of the distribution of specimens during the year ending June 30, 1894. pp. 100–105.

Papers illustrating the collections. pp. 235-1011.

Annual Report of the Board of Regents of the Smithsonian Institution, showing the operations, expenditures, and condition of the Institution for the year ending June 30, 1894.


8vo., pp. XX, 1-1080, 154 pls., 382 figs.

Report of Assistant Secretary pp. 1-102.

Appendices. pp. 103-308.

I. The scientific and administrative staffs. pp. 103-104.
II. List of accessions. pp. 105-162.
III. List of accessions to the Museum library received by gift and exchange during the fiscal year ending June 30, 1895, exclusive of publications retained from the Smithsonian library. pp. 163-205.
IV. Bibliography, with supplementary lists of new genera and species. pp. 207-250.
VI. Specimens sent to the Museum for examination and report. pp. 255-266.

VII. Lectures and meetings of societies. pp. 267-270.

VIII. Finance, property, supplies, and accounts. pp. 271-274.

IX. List of duplicate specimens prepared for distribution to educational establishments since 1890. pp. 275-298.

X. Statement of the distribution of specimens during the year ending June 30, 1895. pp. 299-305.

XI. The work of the mechanics and laborers. pp. 307-308.

Papers illustrating the collections. pp. 309-1045.

Annual Report of the Board of Regents of the Smithsonian Institution, showing the operations, expenditures, and condition of the Institution for the year ending June 30, 1895.


8vo., pp. XXIV, 1-1107, 199 pls., 555 figs.

Report of Assistant Secretary pp. 1-106.

Appendices. pp. 107-284.

I. The scientific and administrative staff. pp. 107-108.
III. List of accessions to the Museum library by gift and exchange during the fiscal year ending June 30, 1896. pp. 165-194.
IV. Bibliography, with supplementary lists of new genera and species. pp. 195-250.


VII. Lectures and meetings of societies. pp. 268–270.

VIII. Finance, property, supplies, and accounts. pp. 271–272.


Annual Report | of the | Board of Regents | of the | Smithsonian Institution, | showing | the operations, expenditures, and condition | of the Institution | for the | year ending June 30, 1897. |

sv1o., pp. xxvii, 1-1021, 150 pls., 457 figs.


Appendices. pp. 89–245.

I. The scientific and administrative staff. pp. 89–90.

II. List of accessions. pp. 91–151.


VII. Lectures and meetings of societies. pp. 235–237.

VIII. Finance, property, supplies, and accounts. p. 238.

IX. Statement of the distribution of specimens during the year ending June 30, 1897. pp. 239–245.

Papers illustrating the collections ....................... pp. 247–988.

Annual Report | of the | Board of Regents | of the | Smithsonian Institution, | showing | the operations, expenditures, and condition | of the Institution | for the | year ending June 30, 1897. |

pp. xii, 1–515, 110 pls.

This volume constitutes a memorial to Dr. G. Brown Goode.

CONTENTS.

Memorial meeting, pp. 1–61, and reprints of the following of Dr. Goode's papers:

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

8vo., pp. xviii, 1-1294, 36 pls., 347 figs.

Report of Acting Assistant Secretary (including reports of the head curators) .......................... pp. 1-77.


Appendices. pp. 79-149.

II. List of accessions. pp. 81-120.
III. Statement of the distribution of specimens during the year ending June 30, 1898. pp. 121-128.
V. Papers published in separate form during the year ending June 30, 1898. pp. 148-149.


8vo., pp. xv, 1-598, 62 pls., 74 figs.

Report of Assistant Secretary (including reports of the head curators) .......................... pp. 1-70.


Appendices. pp. 71-152.

II. List of accessions. pp. 73-115.
IV. Bibliography. pp. 125-150.
V. Papers published in separate form during the year ending June 30, 1899. pp. 151-152.

Papers illustrating the collections .................. pp. 153-561.


8vo., pp. i-xvii, 1-738, 113 pls., 129 figs.
Report of Assistant Secretary (including reports of the
head curators) ........................................... pp. 1-75.

Report on the Department of Biology. By Frederick W. True. pp. 31-44.

Appendices. pp. 77-152.
I. The Museum staff. pp. 77-78.
II. List of accessions. pp. 79-117.
III. Distribution of specimens. pp. 119-127.
IV. Bibliography. pp. 129-149.
V. Papers published in separate form. pp. 151-152.
Papers illustrating the collections. ................. pp. 155-698.
II.—PAPERS PRINTED IN THE ANNUAL REPORTS OF THE U. S. NATIONAL MUSEUM.

(NOS. 1-122.)

1884.

   pp. 279-289, 17 pls.

   pp. 291-306, 64 pls.

   By John Murdoch.
   pp. 307-316, 12 pls.

R. 4. On a Spotted dolphin apparently identical with the Prodelphinus doris of Gray. By Frederick W. True.
   pp. 317-324, 6 pls.

R. 5. The Florida muskrat (Neofiber alleni True). By Frederick W. True.
   pp. 325-330, 3 pls.

   pp. 331-335, 3 pls.

1885.

R. 7. Sketch of the exhibit made by the Smithsonian Institution at the New Orleans Exposition. (Part of the Report of the Assistant Director.)
   pp. 35-37.

   pp. vii, 1-939, 144 pls.

1886.

R. 9. Report upon the exhibit made by the Smithsonian Institution at the New Orleans Exposition (including Louisville and Cincinnati). By R. Edward Earll. (Part of the Report of the Assistant Secretary.)
   pp. 70-83.
BULLETIN 51, UNITED STATES NATIONAL MUSEUM.

pp. 255-265, 1 plate.

pp. 267-275.

pp. 277-648, 9 pls., 14 figs.

pp. 649-655.

pp. 657-658.

pp. 659-670, 9 figs.

1887.

pp. 161-212; 45 figs.

pp. 213-235.


pp. 297-334, 9 pls., 22 figs.

pp. 335-365.

pp. 367-548, 22 pls.

pp. 549-568, 4 figs.

1888.

R. 23. Report upon the participation of the Smithsonian Institution in the Industrial Exposition at Minneapolis, 1887. By William V. Cox. (Part of the Report of the Assistant Secretary.)  
pp. 82-84.


1889.


R. 33. Report upon the participation of the Smithsonian Institution and the National Museum in the expositions held at Cincinnati and Marietta in 1888. (Part of the Report of the Assistant Secretary.) pp. 149-186, 4 pls.

This report consists of a letter addressed to the Secretary of the Smithsonian Institution and inclosing Appendix A: Report upon the exhibit of the Smithsonian Institution, including the U. S. National Museum, at the Centennial Exposition of the Ohio Valley and Central States, held at Cincinnati, Ohio, in 1888. By R. Edward Earll. Appendix B: Report upon the exhibit of the Smithsonian Institution, including the U. S. National Museum, at the Centennial Exposition, Marietta, Ohio, July 16 to 21, 1888. By William V. Cox.

R. 35. Lists of institutions and foreign and domestic libraries to which it is desired to send future publications of the National Museum (Appendix D). (Part of the Report of the Assistant Secretary.)
pp. 191-277.


R. 37. Te Pito Te Henua, or Easter Island. By W. J. Thomson, U. S. N.
pp. 447-552, 19 pls., 20 figs.

pp. 553-589, 33 pls.

pp. 591-608, 1 plate.

R. 40. Animals recently extinct or threatened with extermination, as represented in the collections of the U. S. National Museum. By Frederic A. Lucas.
pp. 609-649, 11 pls., 2 figs., 7 maps.

pp. 651-708, 116 figs.

pp. 709-728, 1 plate.

pp. 729-735, 1 plate.

pp. 1-50.

1890.

pp. 253-383, 46 pls., 47 figs.

pp. 385-394, 4 pls., 3 figs.

R. 47. The methods of fire-making. By Walter Hough.
pp. 395-469, 1 pl., 13 figs.

R. 48. Ulu, or Woman’s knife, of the Eskimo. By Otis T. Mason.
pp. 411-416, 21 pls.

pp. 417-427, 8 pls., 4 figs.

1 A lecture delivered before the Brooklyn Institute, February 28, 1889.
LIST OF PUBLICATIONS.

   pp. 429-502, 37 pls., 21 figs.

   pp. 563-591, 12 pls., 10 figs.

R. 52. The Catlin collection of Indian paintings. By Washington Matthews, U. S. A.
   pp. 593-610, 21 pls.

   pp. 611-639, 6 pls.

   pp. 641-680, 7 pls., 1 fig.

1891.


   pp. 381-425, 21 figs.

   pp. 429-488, 31 pls.

R. 58. Shinto, or the mythology of the Japanese. By Romyn Hitchcock.
   pp. 489-509.

   pp. 511-523, 31 pls.

   pp. 525-526, 4 pls.

   pp. 527-647, 17 pls., 156 figs.

   pp. 649-735.

1892.

   pp. 221-244, 10 pls., 5 figs.

R. 64. The relation of biology to geological investigation. By Charles A. White.
   pp. 245-368, 1 plate.

   pp. 369-436, 84 pls.

1 Reprint of a lecture delivered in the National Museum on April 13, 1889.

8879—No. 51—02—2
R. 66. The shofar—its use and origin. By Cyrus Adler.
pp. 437-450, 4 pls.

R. 67. The Crump burial cave. (Blount County, Alabama.) By Frank Burns.
pp. 451-454, 1 plate.

pp. 455-460, 2 pls.

pp. 461-493.

1893.

R. 70. Recent advances in museum methods. (Part of the Report of the Assistant Secretary.)
pp. 21-58, 55 pls.

R. 71. Columbian Historical Exposition in Madrid. (Part of the Report of the Assistant Secretary.)
pp. 86-108; also Appendix X, pp. 321-331.

R. 72. The World's Columbian Exposition. (Part of the Report of the Assistant Secretary.)
pp. 108-114, 1 plate; also Appendix IX, pp. 316-321.

pp. 345-487, 19 pls., 70 figs.

pp. 489-537, 12 pls., 33 figs.

R. 75. The onyx marbles; their origin, composition, and uses, both ancient and modern. By George P. Merrill.
pp. 539-585, 18 pls.

pp. 587-624, 3 pls.

pp. 625-651.

pp. 653-663, 1 plate, 8 figs.

pp. 665-747, 52 pls.

pp. 749-753, 2 pls.

R. 81. Museum collections to illustrate religious history and ceremonial. By Cyrus Adler.
pp. 755-768.

pp. 769-780.

1 Reprinted from The Atlantic Monthly, July, 1893, pp. 112-119.
LIST OF PUBLICATIONS.

1894.


R. 86. The wooden statue of Baron Ii Kamon-no-Kami Naosuké, pioneer diplomat of Japan. (Translation by Mr. H. Satoh of the label accompanying the statue.) pp. 619-622, 1 plate.


R. 88. The swastika, the earliest known symbol, and its migrations; with observations on the migration of certain industries in prehistoric times. By Thomas Wilson. pp. 757-1011, 25 pls., 374 figs., 1 map, 1 chart.

1895.


1896.


R. 98. Prehistoric art; or, the origin of art as manifested in the works of prehistoric man. By Thomas Wilson. pp. 335-664, 75 pls., 325 figs.
pp. 669-942, 50 pls., 226 figs.

pp. 943-1023, 46 pls.

pp. 1025-1057, 24 pls., 4 figs.

1897.

R. 102. Recent foraminifera: A descriptive catalogue of specimens dredged by the U. S. Fish Commission steamer Albatross. By James M. Flint, U. S. N.  
pp. 249-349, 80 pls.

pp. 351-645, 5 pls., 239 figs.

pp. 647-688.

R. 105. Te Pito Te Henua, known as "Rapa Nui;" commonly called Easter Island, South Pacific Ocean. By George H. Cooke, U. S. N.  
pp. 689-723.

pp. 725-745, 17 figs.

pp. 747-810.

pp. 811-988, 65 pls., 201 figs.

1898.

R. 109. Future development of the National Museum. (Part of the Report of the Acting Assistant Secretary.)  
pp. 13-16.

pp. 153-1270, 36 pls., 347 figs.
1899.


1900.


P. 1. Descriptions of new forms of mollusks from Alaska contained in the collections of the National Museum. By William H. Dall.


P. 22. Notes on the ornithology of southern Texas, being a list of birds observed in the vicinity of Fort Brown, Texas, from February, 1876, to June, 1878. By James C. Merrill. pp. 118-173, 3 pls.


LIST OF PUBLICATIONS.


P. 27. Catalogue of the birds of Saint Vincent, from collections made by Mr. Fred. A. Ober, under the directions of the Smithsonian Institution, with his notes thereon. By George N. Lawrence. pp. 185-198.


P. 39. Description of two new species of birds from Costa Rica, and notes on other rare species from that country. By Robert Ridgway.
pp. 252-255.

pp. 256-260.

pp. 261-263.

p. 263.

pp. 263-264.

pp. 264-265.

P. 45. Catalogue of the birds of Grenada, from a collection made by Mr. Fred. A. Ober, for the Smithsonian Institution, including others seen by him, but not obtained. By George N. Lawrence.
pp. 265-278.

P. 46. On the breeding habits of the sea-catfish (*Ariopsis milberti*?). By N. T. Lupton.
pp. 278-279.

pp. 279-281.

P. 48. Report on the limpets and chitons of the Alaskan and Arctic regions, with descriptions of genera and species believed to be new. By William H. Dall.
pp. 281-344, 5 pls., 5 figs.

P. 49. On the identity of *Euchalarodus putnami* Gill, with *Pleuronectes glaber* (Storer) Gill, with notes on the habits of the species. By Tarleton H. Bean.
pp. 345-348.

pp. 348-349.

P. 51. Catalogue of the birds collected in Martinique by Mr. Fred. A. Ober, for the Smithsonian Institution. By George N. Lawrence.
pp. 349-360.


P. 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.


8vo., pp. iv, 1-499, 7 pls., 2 figs.

pp. 10-44.

P. 64. Description of a species of *Lycodes (L. pacillus)*, obtained by the United States Fish Commission. By G. Brown Goode and Tarleton H. Bean.
pp. 44-46.


pp. 48-51.

pp. 51-55.

pp. 55-57.

pp. 57-63.

pp. 63-66.

pp. 67-69.

pp. 69-108.

pp. 108-121.

pp. 121-166.

pp. 157-165.
P. 76. Notice of recent additions to the marine invertebrata of the northeastern coast of America, with descriptions of new genera and species and critical remarks on others. (Part I. Annelida, Gephyrea, Nemertina, Nematoda, Polyzoa, Tunicata, Mollusca, Anthozoa, Echinodermata, Porifera.) By A. E. Verrill.
   pp. 165-205.

   pp. 205-209.


P. 79. 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.

P. 80. Description of a new fish from Alaska (*Anarrhichas lepturus*), with notes upon other species of the genus *Anarrhichas*. By Tarleton H. Bean.
   pp. 212-218.

   pp. 218-226.

P. 82. List of marine invertebrata from the New England coast, distributed by the U. S. Commission of Fish and Fisheries.¹ By Richard Rathbun.
   pp. 227-232.

P. 83. Occurrence of *Chelura terebrans*, a crustacean destructive to the timber of submarine structures, on the coast of the United States. By Sidney I. Smith.
   pp. 232-235, 2 figs.


   pp. 241-251.

   pp. 252-260, 1 plate.


LIST OF PUBLICATIONS.

VOLUME III, CONTAINING PAPERS 102-184.


8vo., pp. v, 1-589, 2 pls., 11 figs.


P. 103. Description of a new species of bird of the family Turdidæ, from the island of Dominica, West Indies. By George N. Lawrence. pp. 16-17.


P. 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.


P. 122. Description of a new species of Agonidae (Brachyopsis verrucosus), from the coast of California. By W. N. Lockington. pp. 60-63.


P. 126. Description of a new species of "rock fish" (Sebastichthys carnatus), from the coast of California. By David S. Jordan and Charles H. Gilbert. pp. 73-75.


P. 131. Description of a very large fossil gasteropod from the State of Puebla, Mexico. By C. A. White. pp. 140-142, 1 plate.


P. 134. On some new species of eocene mollusca from the southern United States. By Angelo Heilprin. pp. 149-152, 1 plate.


\(^1\) For list of fishes distributed in 1881 see No. 185. The list of a later distribution is printed in the Rep. U. S. Nat. Mus., 1895, pp. 278-280.


P. 158. Note on a new flat-fish (*Lepidopsetta isolepis*), found in the markets of San Francisco. By W. N. Lockington.


P. 166. Description of a new species of Icterus from the West Indies. By George N. Lawrence.


P. 168. Notice of recent additions to the marine invertebrata of the northeastern coast of America, with descriptions of new genera and species and critical remarks on others. (Part II. Mollusca, with notes on Annelida, Echinodermata, etc., collected by the U. S. Fish Commission.) By A. E. Verrill.


P. 171. Description of a new species of Paralepis (Paralepis coruscans), from the Straits of Juan de Fuca. By David S. Jordan and Charles H. Gilbert.

P. 172. Preliminary notice of the crustacea dredged, in 64 to 325 fathoms, off the south coast of New England, by the United States Fish Commission in 1890. By S. I. Smith.

P. 173. List of the fishes of the Pacific coast of the United States, with a table showing the distribution of the species. By David S. Jordan and Charles H. Gilbert.


P. 176. Description of a new species of "rock-fish" (Sebastichthys chrysomelas) from the coast of California. By David S. Jordan and Charles H. Gilbert.

P. 177. Fishes from the deep water on the south coast of New England, obtained by the United States Fish Commission in the summer of 1880. By G. Brown Goode.


**VOLUME IV, CONTAINING PAPERS 185-256.**


8vo., pp. vii, 1-534+142; 1 plate, 18 figs.


1 Circulars 1-18.

pp. 26-29.

pp. 29-70.

pp. 70-72.

pp. 72-73.

pp. 73-74.

pp. 74-80.

pp. 81-87, 1 fig.

P. 197. A review of the genera and species of the family Centracanthidae, with a description of one new species. By Charles L. McKay.
pp. 87-93.

pp. 93-119.

pp. 120-121.

pp. 121-123.

P. 201. An analysis of water destructive to fish in the Gulf of Mexico. By F. M. Endlich.
p. 124.

pp. 125-126.

pp. 126-127.
P. 204. Notes on some fishes from Hudson's Bay. By Tarleton H. Bean.
pp. 127-129.

P. 205. On the mineralogical composition of the normal mesozoic diabase upon the Atlantic border. By George W. Hawes.
pp. 129-134.

P. 206. On the determination of feldspar in thin sections of rocks. By George W. Hawes.

pp. 136-139, 1 plate.

P. 208. Description of a new species of *Gobiesox* (*Gobiesox rhessodon*), from San Diego, California. By Rosa Smith.
pp. 140-141.

pp. 141-144.

pp. 144-159.

P. 211. Description of a new species of fish (*Apogon pandionis*) from the deep water off the mouth of Chesapeake Bay. By G. Brown Goode and Tarleton H. Bean.
pp. 160-161.

P. 212. Metallic casting of delicate natural objects. (Translation.)
p. 161.

pp. 161-162.

pp. 162-164.

pp. 165-203.

P. 216. Description of a new subspecies of *Loxigilla* from the island of St. Christopher, West Indies. By George N. Lawrence.
pp. 204-205.

p. 205.

P. 218. The comparative action of dry heat and sulphurous acid upon putrefactive bacteria. [Experiments by D. Wermch.]
p. 206.

pp. 207-223.


VOLUME V, CONTAINING PAPERS 257-342.


P. 260. Synopsis of the West Indian *Myadestes*. By Leonhard Stejneger.  
pp. 15-27, 1 plate.

pp. 28-43.

pp. 43-46.

P. 263. On a phosphatic sandstone from Hawthorne, in Florida. By George W. Hawes.  

pp. 49-88.

pp. 89-93.

P. 266. New molluscan forms from the Laramie and Green River groups, with discussion of some associated forms heretofore known. By Charles A. White.  
pp. 94-99, 2 pls.

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pp. 99-102, 1 plate.

pp. 102-110.

P. 269. Description of a new shark (*Carcharias lamiella*), from San Diego, California. By David S. Jordan and Charles H. Gilbert.  
pp. 110-111.

pp. 111-116.

pp. 117-119.

pp. 119-143.

pp. 143-144.


P. 284. Notice of recent additions to the marine invertebrata of the northeastern coast of America, with descriptions of new genera and species and critical remarks on others. (Part IV. Additions to the deep-water mollusca, taken off Martha’s Vineyard, in 1880 and 1881.) By A. E. Verrill. pp. 291-343.


LIST OF PUBLICATIONS.


P. 323. Does the panther (Felix concolor) go into the water to kill fish? By Livingston Stone. p. 570.


**VOLUME VI, CONTAINING PAPERS 343-396.**


8vo., pp. vii, 1-530, 14 pls., 6 figs.


¹Includes circulars 19-23.
<table>
<thead>
<tr>
<th>Page</th>
<th>Description</th>
<th>Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>P. 345</td>
<td>Descriptions of some birds supposed to be undescribed, from the Commander Islands and Petropaulovski, collected by Dr. Leonhard Stejneger, U. S. Signal Service.</td>
<td>By Robert Ridgway.</td>
</tr>
<tr>
<td>P. 346</td>
<td>Description of a new genus and species of aleyonoid polyp, from Japanese waters, with remarks on the structure and habits of related forms, etc.</td>
<td>By Robert E. C. Stearns.</td>
</tr>
<tr>
<td>P. 349</td>
<td>Fish mortality in the Gulf of Mexico.</td>
<td>By S. T. Walker.</td>
</tr>
<tr>
<td>P. 350</td>
<td>The generic names <em>Amitra</em> and <em>Thyris</em> replaced.</td>
<td>By G. Brown Goode.</td>
</tr>
<tr>
<td>P. 353</td>
<td>Notes on the natural history of Labrador.</td>
<td>By W. A. Stearns.</td>
</tr>
<tr>
<td>P. 354</td>
<td>On the black nodules or so-called inclusions in the Maine granites.</td>
<td>By George P. Merrill.</td>
</tr>
<tr>
<td>P. 357</td>
<td>The first occurrence of <em>Pseudotriacis microdon</em> Capello, on the coast of the United States.</td>
<td>By Tarleton H. Bean.</td>
</tr>
<tr>
<td>P. 358</td>
<td>On a pair of abnormal antlers of the Virginia deer.</td>
<td>By Frederick W. True.</td>
</tr>
</tbody>
</table>

8879—No. 51—02——4
P. 360. Description of some new birds from Lower California, collected by Mr. L. Belding. By Robert Ridgway.
pp. 154-156.

pp. 156-157.

pp. 158-159.

pp. 159-161.

pp. 161-165.

pp. 165-183.

pp. 184-187, 1 plate.

pp. 188-207.

p. 208.


pp. 210-211.

pp. 212-216.

pp. 216-217.

p. 217.

P. 374. List of the crustacea dredged on the coast of Labrador by the expedition under the direction of W. A. Stearns, in 1882. By Sidney I. Smith.
pp. 218-222.


P. 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. pp. 365-367.


VOLUME VII, CONTAINING PAPERS 397-469.


sv., pp. viii, 1-661, 12 pls., 15 figs.

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1 Including circulars 24-31.


P. 416. List of fishes collected at Key West, Florida, with notes and descriptions. By David S. Jordan. pp. 103-150.

P. 418. A catalogue of the fishes received from the Public Museum of the Institute of Jamaica, with descriptions of *Pristipoma approximans* and *Tylosurus euryops*, two new species. By Tarleton H. Bean and H. G. Dresel.


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LIST OF PUBLICATIONS.


BULLETIN 51, UNITED STATES NATIONAL MUSEUM.

   pp. 356-357.

P. 446. Description of a new species of coot from the West Indies. By Robert Ridgway.
   pp. 358.

   pp. 358-410.

   pp. 411-427.

   pp. 427-474.

   pp. 474-477.

   pp. 477-480.

P. 452. Description of *Sciaena sciera*, a new species of *Sciaena* from Mazatlan and Panama. By David S. Jordan and Charles H. Gilbert.
   pp. 480-482.

P. 453. Description of *Zygonectes zonifer*, a new species of *Zygonectes*, from Nashville, Georgia. By David S. Jordan and Seth E. Meek.
   p. 482.

   pp. 483-492.

P. 455. On some new or little known decapod crustacea, from recent Fish Commission dredgings off the east coast of the United States. By Sidney I. Smith.
   pp. 493-511.

   pp. 512-514.

   pp. 514-515.

   pp. 516-518.

P. 459. Description of seven new species of crustacea and one worm from Arctic Alaska. By John Murdoch.
   pp. 518-522.
LIST OF PUBLICATIONS.

P. 460. New or specially interesting shells of the Point Barrow expedition. By William H. Dall.
pp. 523-526.

P. 461. Description of a new species of *Hybopsis (Hybopsis montanus).* By Seth E. Meek.
pp. 526-527.

P. 462. 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. 527-529.

P. 463. [Contributions to the history of the Commander Islands. No. 4] B. Additional notes on the plants of the Commander Islands. By Leonhard Stejneger.
pp. 529-538.

pp. 539-541.

pp. 541-545.

pp. 545-548.


P. 468. On the occurrence of *Loncheres armatus* (Geoff.) Wagner, in the island of Martinique, West Indies. By Frederick W. True.
pp. 550-551.

pp. 551-553.

VOLUME VII, CONTAINING PAPERS 470-548.


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pp. 163-165.

pp. 165-166.

pp. 166-167.

pp. 167-170.

pp. 170-190.

pp. 191-192, 1 plate.

pp. 192-193.

pp. 193-208.

pp. 208-209.

P. 512. Description of a new species of Amblystoma (Amblystoma copecanum), from Indiana. By O. P. Hay.
pp. 209-213, 1 plate.

pp. 213-221.

P. 514. The generic name of the Pastinacas, or "sting-rays." By S. Garman.
pp. 221-224.
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pp. 229-230.


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pp. 290-344.

pp. 345-348, 1 plate.

pp. 348-350.

pp. 351-353.

pp. 354-356.

pp. 356-361.

P. 526. A list of the fishes known from the Pacific coast of tropical America, from the Tropic of Cancer to Panama. By David S. Jordan.
pp. 361-394.

pp. 394-396.

P. 528. On a collection of Meduseæ made by the United States Fish Commission steamer \textit{Albatross} in the Caribbean Sea and Gulf of Mexico. By J. Walter Fewkes.
pp. 397-402, 1 plate.
pp. 403-408, 1 plate.

P. 530. Notes on some apparently preoccupied ornithological generic names. By Leonhard Stejneger.
pp. 409-410.

pp. 410-412, 1 plate.

pp. 413-422, 1 plate.

P. 533. Description of *Leptophidium cervinum* and *L. marmoratum*, new fishes from deep water off the Atlantic and Gulf coasts. By G. Brown Goode and Tarleton H. Bean.
pp. 422-424.

pp. 424-448.

pp. 449-533, 1 fig.

pp. 534-552, 1 plate.

P. 537. Notes on a collection of fishes from Florida, with descriptions of new or little known species. By O. P. Hay.
pp. 552-559.

p. 559.

pp. 560-583.

P. 540. 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 plate.

P. 541. A note upon the *Hyperoodon semijunctus* of Cope. By Frederick W. True.
pp. 585-586.

P. 542. Fresh-water sponges from Mexico. By Edward Potts.
pp. 587-589, 1 fig.


VOLUME IX, CONTAINING PAPERS 549-598.


P. 551. List of fishes collected at Havana, Cuba, in December, 1883, with notes and descriptions. By David S. Jordan. pp. 31-55.

P. 553. On the value of the fin-rays and their characteristics of development in the classification of the fishes, together with remarks on the theory on degeneration. By John A. Ryder.
pp. 71-82, 1 fig.

pp. 83-91, 1 plate.

P. 555. Descriptions of some new species of birds, supposed to be from the interior of Venezuela. By Robert Ridgway.
pp. 92-94.

pp. 95-96.

pp. 97-98.

pp. 99-124, 1 plate.

pp. 125-199.

pp. 200-201.

pp. 202-208, 1 plate.


p. 220.

P. 564. An annotated list of the mammals collected by the late Charles L. McKay in the vicinity of Bristol Bay, Alaska. By Frederick W. True.
pp. 221-224.

P. 565. Notes on some fishes collected at Pensacola by Mr. Silas Stearns, with a description of one new species (Chaetodon aya). By David S. Jordan.

pp. 248-249.

P. 568. Supplement to the list of mesozoic and cenozoic invertebrate types in the collections of the National Museum. By John Belknap Marcou.
pp. 250-254.

pp. 255-293.

pp. 294-296.

P. 571. Supplementary notes on some species of mollusks of the Chuking Sea. By William H. Dall.
pp. 297-309, 1 plate.

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pp. 310-324, 7 pls., 1 fig.

pp. 325-326.

pp. 327-338.

pp. 339-361.

P. 576. Description of *Rallus jouyi*, with remarks on *Rallus striatus* and *Rallus gularis*. By Leonhard Stejneger.
pp. 362-364.

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pp. 365-373.

pp. 374-394, 1 fig.

pp. 395-408.

pp. 409-413.

8879—No. 51—02——5
pp. 414-437, 3 pls.

pp. 438-442.

pp. 443-459, 5 pls, 1 fig.

pp. 460-461, 2 figs.

pp. 462-465.

P. 586. Description of six new species of fishes from the Gulf of Mexico, with notes on other species. By David S. Jordan and Barton W. Evermann.  
pp. 466-476.

pp. 477-518.

p. 519.

P. 589. Description of a new species of Myiarchus, presumably from the Orinoco district of South America. By Robert Ridgway.  
p. 520.

pp. 521-522.

p. 523.

p. 524.

pp. 525-546.

pp. 547-553, 6 pls.

pp. 554-608.

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pp. 609-633.

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pp. 634-651.


pp. 652-660.

VOLUME X, CONTAINING PAPERS 599-675.)


8vo., pp. viii, 1-771, 39 pls., 11 figs.


pp. 1-2.


p. 3.


pp. 4-5.


pp. 6-7.

P. 603. Some distinctive cranial characters of the Canada lynx. By Frederick W. True.

pp. 8-9.


pp. 10-19.

P. 605. Description of the adult female of Carpodectes antonia Zeledon; with critical remarks, notes on habits, etc., by José C. Zeledon. By Robert Ridgway.

p. 20.
P. 606. List of recently identified fossil plants belonging to the United States National Museum, with descriptions of several new species. [Compiled and prepared for publication by F. H. Knowlton.] By Leo Lesquereux. pp. 21-46, 4 pls.


   p. 153.

   pp. 154-156.

   pp. 157-158, 2 figs.

   pp. 159-241, 1 plate, 4 figs.

P. 624. A contribution to the knowledge of the fishes of Kansas. By O. P. Hay.
   pp. 242-253.

   pp. 254-266.

   pp. 267-268.

   pp. 269-270.

   pp. 271-319, 1 plate.

P. 629. On the systematic name of the Kamtschatkan and Japanese carrion crow. By Leonhard Stejneger.
   pp. 320-321.

   p. 322.

P. 631. List of the myriapods found in Escambia County, Florida, with descriptions of six new species. By Jerome McNeill.
   pp. 323-327, 1 plate.

   pp. 328-334, 1 plate.

   pp. 335-337, 1 plate.
BULLETIN 51, UNITED STATES NATIONAL MUSEUM.

pp. 338-353, 1 plate.

pp. 354-366, 5 pls.

P. 636. Notes on a trematode from the white of a newly laid hen's egg. By Edwin Linton.
pp. 367-369, 1 fig.

P. 637. Descriptions of five new species of fishes sent by Prof. A. Dugès from the province of Guanajuato, Mexico. By Tarleton H. Bean.
pp. 370-375, 1 plate.

pp. 376-387, 4 figs.

P. 639. Description of a new species of *Thalassophryne (Thalassophryne dowii)* from Punta Arenas and Panama. By David S. Jordan and Charles H. Gilbert.
p. 388.

pp. 389-390.

P. 641. Further contributions to the avifauna of the Liu-Kiu Islands, Japan, with descriptions of new species. By Leonhard Stejneger.
pp. 391-415, 1 plate.

p. 416-429, 1 plate.

p. 430.

pp. 431-435.

P. 645. List of the batrachia and reptilia of the Bahama Islands. By E. D. Cope.
pp. 436-439.

pp. 440-449, 4 pls.

pp. 450-479.
LIST OF PUBLICATIONS.

   pp. 480-481.

P. 649. On a collection of birds made by Mr. M. Namiye, in the islands of Idzu, Japan. By Leonhard Stejneger.
   pp. 482-487.

   pp. 488-497.

P. 651. Descriptions of two new species of the genus *Unio*, from the Ozark region of Missouri. By R. Ellsworth Call.
   pp. 498-500, 2 pls.

P. 652. Description of a new species of *Callionymus* (*Callionymus bairdi*), from the Gulf of Mexico. By David S. Jordan.

   p. 503.

   p. 504.

   pp. 505-510.

   p. 511.

   p. 512.

   pp. 513-514.

   p. 515.

   pp. 516-528.

   pp. 529-548.

P. 662. Description of the nest and eggs of the California black-capped gnat-catcher (*Polioptila californica* Brewster). By Charles E. Bendire.

   pp. 551-568.
pp. 569-571, 7 pls.

pp. 572-597.

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pp. 606-611.

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pp. 612-614, 1 plate.

pp. 615-616.

pp. 617-627.

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pp. 628-630.

P. 672. Description of a new genus and species of fish, Acrotus willoughbyi, from Washington Territory. By Tarleton H. Bean.
pp. 631-632.

pp. 633-636.

p. 637.

P. 675. Description of a new species of Xyrichthys (Xyrichthys jessie) from the Gulf of Mexico. By David S. Jordan.
p. 638.

VOLUME XI, CONTAINING PAPERS 676-760.
LIST OF PUBLICATIONS.

pp. 5-8, 2 pls.

P. 678. Description of Storeria dekayi, var. anomola. By A. Dugès.
pp. 9-10, 1 fig.

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pp. 11-38, 13 pls.

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pp. 63-67.

p. 58.

pp. 59-60, 6 pls.

pp. 67-68.

pp. 69-70.

pp. 71-75.

pp. 77-82.

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pp. 83-87, 1 plate.

P. 689. On a new species of Charina from California. By E. D. Cope.
p. 88, 1 plate.

pp. 89-91, 1 plate.

p. 92.

P. 692. Further contributions to the Hawaiian avifauna. By Leonhard Stejneger.
pp. 93-103.


P. 701. Diagnosis of the Kamtschatkan three-toed woodpecker (_Picoides albidior_). By Leonhard Stejneger. p. 168.


P. 710. Description of a new species of *Hyalina*. By William H. Dall.
   p. 214, 3 figs.

   pp. 215-251, 30 figs.

   p. 252.

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   p. 316.

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   pp. 317-318.

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   pp. 319-320.

   pp. 321-327, 1 plate.

   p. 328.

   pp. 329-334.

   p. 335-338.

   pp. 339-342.

   pp. 343-350.

P. 723. Descriptions of fourteen species of fresh-water fishes collected by the U. S. Fish Commission in the summer of 1888. By David S. Jordan.
   pp. 351-362, 3 pls.

   pp. 363-367, 3 figs.


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LIST OF PUBLICATIONS.


P. 753. Description of a new species of Bathymaster (B. jordani), from Puget’s Sound and Alaska. By Charles H. Gilbert. p. 554.


**VOLUME XII, CONTAINING PAPERS 761-789.**

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   A. Contributions to the history of Pallas' cormorant. By Leonhard Stejneger.
LIST OF PUBLICATIONS.

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   pp. 129-159.

   pp. 141-147.

   pp. 149-183.

   pp. 185-216.


   pp. 219-362, 10 pls.

   p. 363.

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pp. 497-591.

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pp. 595-600.

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pp. 601-617.

pp. 619-631.

P. 786. Description of two new species of bats—Nyctinomus evrops and N. orthotis. By Harrison Allen. 
pp. 635-640.

pp. 641-642.

P. 788. Description of a new lizard from Lower California. By Leonhard Stejneger. 
pp. 643-644.

pp. 645-652.
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8879—No. 51—02——8
pp. 501-502, 2 pls.

pp. 593-598.

P. 1226. A list of the ferns and fern allies of North America north of Mexico, with principal synonyms and distribution. By William R. Maxon.
pp. 619-651.

pp. 653-638.

pp. 659-668, 3 pls.

pp. 669-685.

pp. 697-713.

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pp. 715-717.

pp. 719-723, 2 pls.

pp. 725-731, 1 plate.

P. 1234. The proper names of *BDelostoma* or *Heptatrema*. By Theodore Gill.
pp. 735-738.

pp. 739-769, 8 pls.

P. 1236. Four new symmetrical hermit crabs (Pagurids) from the West India region. By James E. Benedict.
pp. 771-778, 7 figs.

pp. 779-833, 4 pls.
pp. 835–836.

pp. 837–890, 20 figs.

pp. 891–913, 2 pls., 10 figs.
IV. BULLETINS OF THE U. S. NATIONAL MUSEUM.
(NOS. 1-50.)

B. 1. Check-list of North American batrachia and reptilia; with a systematic list of the higher groups, and an essay on geographical distribution. Based on the specimens contained in the U. S. National Museum. By Edward D. Cope. 8vo., 1875, pp. 1-104.


8vo., 1877, pp. 1-172.

B. 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, U. S. Coast Survey.

8vo., 1877, pp. 1-88.


8vo., 1877, pp. 1-53.


8vo., 1877, pp. 1-120, 45 pls.


8vo., 1882, pp. 1-73.


8vo., 1878, pp. 1-237.


8vo., 1879, pp. 1-133.


8vo., 1879, pp. xvi, 1-351.

B. 15. Contributions to the natural history of Arctic America, made in connection with the Howgate Polar expedition, 1877–78. By Ludwig Kumlien, naturalist of the expedition.

8vo., 1879, pp. 1-179.
8vo., 1882, pp. lvi, 1-1018.

8vo., 1880, pp. 1-51.

8vo., 1880, pp. xv, 1-263.

B. 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 two parts: I. Supplemental list. II. Universal index. By Samuel H. Scudder.  

8vo., 1883, pp. xvi, 1-377, frontispiece.

8vo., 1881, pp. 1-94.

8vo., 1881, pp. 1-264, 1 map.

8vo., 1885, pp. lix, 1-278, frontispiece.

8vo., 1882, pp. v, 1-249.

8vo., 1884, pp. xxxiii, 1-353, 12 pls.  
Part I.—Geology. By Prof. William North Rice (pp. 1-32, 5 pls.).  
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Part IV.—Birds. By Capt. Savile G. Reid (pp. 163-279).  
Part V.—Notes on birds. By Dr. C. Hart Merriam (pp. 281-284).  
Part VII.—Annelids. By Prof. H. E. Webster (pp. 305-327, 6 pls.).
B. 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 are non-residents, and brief notices of habits, etc. The second edition, revised to date, and entirely rewritten. By Elliott Coues, M. D., Ph. D., professor of anatomy in the National Medical College, etc., and D. Webster Prentiss, A. M., M. D., professor of materia medica and therapeutics in the National Medical College, etc.


B. 29. Results of ornithological explorations in the Commander Islands and in Kamtschatka. By Leonhard Stejneger. 8vo., 1885, pp. 1-382, 8 pls., 7 figs., 1 map.


1 For supplementary list, see P. 1135.


Part 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). 8vo., 1891, pp. 1-46, 10 figs.
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Part F.—Directions for collecting and preserving insects. By C. V. Riley, M. A., Ph. D. 8vo., 1892, pp. 1-147, 1 plate, 139 figs.
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Part M.—The methods employed at the Naples Zoological Station for the preservation of marine animals. By Dr. Salvatore Lo Bianco. Translated from the original Italian by Edmund Otis Hovey. 8vo., 1899, pp. 1-12, frontispiece.
Part N.—Directions for preparing study specimens of small mammals. By Gerrit S. Miller, jr. 8vo., 1899, pp. 1-10, 1 fig.
Part N.—Second edition, revised, with abstracts in German, French, and Spanish. 8vo., 1901, pp. 1-25, 3 figs.
Part O.—Directions for collecting and rearing dragonflies, stoneflies, and mayflies. By James G. Needham, Ph. D. 8vo., 1899, pp. 1-9, 4 figs.


B. 44. A catalogue, bibliographical and synonymical, of the species of moths of the lepidopterous superfamily Noctuidae, found in boreal America, with critical notes. By John B. Smith, Sc. D. 8vo., 1893, pp. 1-424.


B. 47. The fishes of North and Middle America: A descriptive catalogue of the species of fish-like vertebrates found in the waters of North America, north of the Isthmus of Panama. By David Starr Jordan, Ph. D., president of the Leland Stanford Junior University, and Barton Warren Evermann, Ph. D., ichthyologist of the United States Fish Commission. 8vo., 4 vols., pp. 1-3313, 392 pls.
Part II.—1898, pp. xxx, 1241-2183.
Part III.—1898, pp. xxiv, 2183a-3136.
Part IV.—1900, pp. ci, 3137-3313; 392 pls.


B. 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. By Robert Ridgway, curator, division of birds. Part I. Family Fringillidae—The Finches. 8vo., 1901, pp. i-xxx, 1-715, 20 pls. (Additional parts in preparation.)
V. SPECIAL BULLETINS OF THE U. S. NATIONAL MUSEUM.

(NOS. I-IV.)

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4to., pp. ix, 1-518, 7 pls.


125
VI. CIRCULARS OF THE U. S. NATIONAL MUSEUM.¹

(NOS. 1-50.)

   8vo., 1881, pp. 1-58.

   8vo., 1881, pp. 1-2.

   8vo., 1881, pp. 1-2.

   8vo., 1881, 1 page.

C. 5. Establishment and officers.
   8vo., 1881, pp. 1-2.

C. 6. Classification and arrangement of the materia medica collection.
   By James M. Flint, U. S. N.
   8vo., 1881, pp. 1-2.

C. 7. A classification of the forms in which drugs and medicines appear and are administered. By James M. Flint, U. S. N.
   8vo., 1881, pp. 1-7.

C. 8. Memoranda for collectors of drugs for the materia medica section of the National Museum. By James M. Flint, U. S. N.
   8vo., 1881, pp. 1-2.

   8vo., 1881, pp. 1-6.

   8vo., 1881, pp. 1-10.

   8vo., 1881, pp. 1-22.

¹ Circulars 1-18 reprinted in Proceedings U. S. National Museum, Volume IV.
Circulars 24-31 reprinted in Proceedings U. S. National Museum, Volume VII.
Circulars 32-33 reprinted in Proceedings U. S. National Museum, Volume VIII.


C. 15. The organization and objects of the National Museum. 8vo., 1881, pp. 1-4.


C. 17. Contributions and their acknowledgment. 8vo., 1881, 1 page.


C. 20. Request for specimens of drugs and information concerning them. By Spencer F. Baird. 8vo., 1883, 1 page.


C. 22. Brief directions for removing and preserving the skins of mammals. By William T. Hornaday. 8vo., 1883, 7 pp., 4 figs.


C. 27. Directions for collecting, preserving, and transporting tortricids and other small moths. By C. H. Fernald.
8vo., 1884, pp. 1-3.

8vo., 1884, pp. 1-3.

8vo., 1884, pp. 1-27.

C. 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, U. S. A.
8vo., 1884, 4 pp.

8vo., 1884, 8 pp.

8vo., 1885, pp. 1-39.

8vo., 1885, pp. 1-8, 12 figs.

C. 34. Circular for the guidance of persons desiring to make exchanges of birds or birds’ eggs with the National Museum.
8vo., 1886, 1 page.

C. 35. Concerning the lending of type specimens. By Spencer F. Baird.
8vo., 1886, 1 page.

8vo., 1887, 6 pp., 17 figs.

8vo., 1887, 31 pp.

8vo., 1888, pp. 1-18.

C. 39. The contribution of the section of oriental antiquities to the Ohio Valley Centennial Exposition. By Cyrus Adler.
8vo., 1888, pp. 1-7.
8vo., 1888, pp. 1-33, 50 figs.


8vo., 1888, pp. 1-16, 4 figs.

C. 43. To the correspondents of the U. S. National Museum. By G. Brown Goode. [With a view to securing accessions for the library.]  
8vo., 1894, 1 page.

C. 44. To the correspondents of the U. S. National Museum. By G. Brown Goode. [With a view to securing publications for the library in exchange.]  
8vo., 1894, pp. 1-8.

C. 45. To the correspondents of the U. S. National Museum. By G. Brown Goode. [With a view to securing authors' separates and reprints for the library.]  
8vo., 1894, 1 page.

C. 46. [Regarding the proposed revision of Bulletin 22, relating to the flora of the District of Columbia.] By G. Brown Goode.  
8vo., 1895, 2 pp.

8vo., 1895, 2 pp.

8vo., 1897, pp. 1-4, 2 figs.

C. 49. [Circular relating to the North American Violaceae.] By Frederick W. True.  
8vo., 1899, 1 page.

C. 50. [Circular transmitting questions relating to birds and birds' eggs.] By Richard Rathbun.  
8vo., 1901, 3 pp.
VII.—INDEX TO TITLES IN PRECEDING LIST.

[In the references the following abbreviations are used: R. = paper printed in the Reports; P. = paper printed in the Proceedings; B. = Bulletin; Sp. B. = Special Bulletin; C. = Circular. The references under certain special headings, such as U. S. Fish Commission, etc., are necessarily incomplete, as this is only an index of titles. References to persons whose names occur in the titles, but who are not themselves the authors of the papers, are placed in brackets.]

### A.

<table>
<thead>
<tr>
<th>Title</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbott, James F.</td>
<td>P. 1221</td>
</tr>
<tr>
<td>Abbott, W. L.</td>
<td>R. 56, P. 973</td>
</tr>
<tr>
<td>Aboriginal American harpoons</td>
<td>R. 117</td>
</tr>
<tr>
<td>antiquities, relating to contributions of</td>
<td>C. 21</td>
</tr>
<tr>
<td>stone relics, requesting information concerning</td>
<td>C. 36</td>
</tr>
<tr>
<td>Aborigines, American, basket work of the</td>
<td>R. 2</td>
</tr>
<tr>
<td>cradles of the</td>
<td>R. 16</td>
</tr>
<tr>
<td>overlaying with copper by</td>
<td>P. 1015</td>
</tr>
<tr>
<td>pipes and smoking customs</td>
<td>R. 103</td>
</tr>
<tr>
<td>Abrolhos Islands. Birds</td>
<td>P. 768</td>
</tr>
<tr>
<td>Birds and skeletons</td>
<td>P. 798</td>
</tr>
<tr>
<td>Adler, Cyrus</td>
<td>R. 66, R. 80, R. 81, P. 936, C. 39</td>
</tr>
<tr>
<td>Adler, Cyrus (coauthor)</td>
<td>R. 100, R. 115</td>
</tr>
<tr>
<td>Africa. Crustaceans, new species. Congo</td>
<td>P. 980</td>
</tr>
<tr>
<td>Ethnology</td>
<td>R. 81</td>
</tr>
<tr>
<td>Myriapods</td>
<td>P. 968</td>
</tr>
<tr>
<td>(Gomphodesmidae)</td>
<td>P. 1170</td>
</tr>
<tr>
<td>(Pachybolus)</td>
<td>P. 1168</td>
</tr>
<tr>
<td>East. Anthropology</td>
<td>R. 56</td>
</tr>
<tr>
<td>Insects (Coleoptera)</td>
<td>P. 1094</td>
</tr>
<tr>
<td>(Lepidoptera)</td>
<td>P. 1062, P. 1068, P. 1064, P. 1098</td>
</tr>
<tr>
<td>(Odonata).</td>
<td>P. 1046, P. 1047</td>
</tr>
<tr>
<td>Lygosoma kilimensis</td>
<td>P. 862</td>
</tr>
<tr>
<td>Mammals</td>
<td>P. 814, P. 915</td>
</tr>
<tr>
<td>Mammals from Tana</td>
<td>P. 954</td>
</tr>
<tr>
<td>River</td>
<td>P. 1042</td>
</tr>
<tr>
<td>Myriapods (diplodop)</td>
<td>P. 1042</td>
</tr>
<tr>
<td>Reptiles</td>
<td>P. 862, P. 857</td>
</tr>
<tr>
<td>Reptiles and brachiopods</td>
<td>P. 970</td>
</tr>
<tr>
<td>West (Cameroons district)—</td>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>P. 1185</td>
</tr>
<tr>
<td>Crustaceans collected by U. S. Eclipse expedition</td>
<td>P. 949</td>
</tr>
<tr>
<td>Crustaceans (decapod)</td>
<td>P. 1199</td>
</tr>
<tr>
<td>Insects, Arachnids and Myriapods</td>
<td>P. 951</td>
</tr>
</tbody>
</table>

1 For a complete list of papers relating to the work of the "Albatross" see "Dredging and other records of the 'Albatross,' with bibliography relative to the work of the vessel," compiled by C. H. Townsend and published in the Report of the U. S. Fish Commission for 1900.

2 In addition to the above-numbered series the following papers, printed in the Proceedings subsequent to Volume XVIII, are based wholly or in part on "Albatross" collections: Nos. 1114, 1115, 1161, 1162, 1213, 1286, 1299, 1241, 1244, 1259, 1261.

Africa, West. Mollusks collected by U. S. Eclipse expedition P. 910

African sword blades, corrugation in P. 763

Agriculture, Department of, shells received from P. 844

Alinos of Yezo, Japan P. 950

Alabama. Fishes P. 585

Fossil plants P. 688

Fossils (Eocene) P. 1161

Alaska. Annelids P. 469

Birds P. 274, P. 339, P. 411, P. 412, P. 960

Botany P. 397, P. 93, P. 772

Crustaceans P. 469

decapod P. 455

Ethnology R. 89, P. 364

of Coast Indians P. 718


Fossil plants P. 300, P. 79, P. 998

Hydroids P. 1171

Mammals P. 399, P. 495, P. 564

Mollusks P. 11, P. 48

Whitefish, new species of P. 748

"Albatross" birds collected on Cozumel

Island by P. 539

Brachyuranis dredged by P. 1162

Echinata taken by P. 491

from Gulf of Mexico obtained by P. 541

Fishes collected by P. 1115

(Japan) P. 1213

Foraminifers dredged by catalogue of P. 102

Scientific results of explorations—

(No. I, birds) P. 767

(No. II, birds) P. 768

(No. III, brachiopods) and reptiles P. 769

(No. IV, fishes) P. 770

(No. V, insects) P. 771

(No. VI, plants) P. 772

(No. VII, mollusks and brachiopods) P. 773

131

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>(No. VIII, fishes)</td>
<td>P. 787</td>
</tr>
<tr>
<td>(No. IX, fishes)</td>
<td>P. 789</td>
</tr>
<tr>
<td>(No. X, fossils)</td>
<td>P. 793</td>
</tr>
<tr>
<td>(No. XI, fishes)</td>
<td>P. 795</td>
</tr>
<tr>
<td>(No. XII, fishes)</td>
<td>P. 797</td>
</tr>
<tr>
<td>(No. XIII, bird skeletons)</td>
<td>P. 798</td>
</tr>
<tr>
<td>(No. XIV, birds)</td>
<td>P. 799</td>
</tr>
<tr>
<td>(No. XV, reptiles)</td>
<td>P. 800</td>
</tr>
<tr>
<td>(No. XVI, plants)</td>
<td>P. 801</td>
</tr>
<tr>
<td>(No. XVII, mollusks)</td>
<td>P. 813</td>
</tr>
<tr>
<td>(No. XVIII, fishes)</td>
<td>P. 829</td>
</tr>
<tr>
<td>(No. XIX, fishes)</td>
<td>P. 840</td>
</tr>
<tr>
<td>(No. XX, mollusks)</td>
<td>P. 849</td>
</tr>
<tr>
<td>(No. XXI, fishes)</td>
<td>P. 856</td>
</tr>
<tr>
<td>(No. XXII, fishes)</td>
<td>P. 880</td>
</tr>
<tr>
<td>(No. XXIII, coelenterates)</td>
<td>P. 930</td>
</tr>
<tr>
<td>(No. XXIV, crustaceans)</td>
<td>P. 933</td>
</tr>
<tr>
<td>(No. XXV, mollusks)</td>
<td>P. 942</td>
</tr>
<tr>
<td>(No. XXVI, mollusks)</td>
<td>P. 945</td>
</tr>
<tr>
<td>(No. XXVII, birds)</td>
<td>P. 960</td>
</tr>
<tr>
<td>(No. XXVIII, fishes)</td>
<td>P. 1012</td>
</tr>
<tr>
<td>(No. XXIX, fishes)</td>
<td>P. 1013</td>
</tr>
<tr>
<td>(No. XXX, fishes)</td>
<td>P. 1014</td>
</tr>
<tr>
<td>(No. XXXI, crustaceans)</td>
<td>P. 1016</td>
</tr>
<tr>
<td>(No. XXXII, crustaceans)</td>
<td>P. 1017</td>
</tr>
<tr>
<td>(No. XXXIII, fishes)</td>
<td>P. 1030</td>
</tr>
<tr>
<td>(No. XXXIV, mollusks and brachiopods)</td>
<td>P. 1032</td>
</tr>
</tbody>
</table>

Stalked crinoids, from Gulf of Mexico and Caribbean Sea, obtained by 
P. 547

Albinism, remarks on 
P. 733

Aldabra Island. Birds 
P. 963, P. 1008, P. 1079

Birds' nests and eggs 
P. 985

Fruit bat, new species of 
P. 948

Insects (Lepidoptera) 
P. 1064

Insects 
P. 1119

Natural history of 
P. 973

Ptéropus alabdrensis 
(n. sp.) 
P. 948

Allen, Harrison 
P. 786, P. 807, P. 924, P. 912, P. 913, P. 914, P. 919, P. 929, P. 1099, P. 1109, B. 45

Allen, J. A 
P. 850

Amazon (Lower) birds 
P. 591, P. 618, P. 660

American aborigines. Basket work of 
R. 2

Cradles of the 
R. 16

Overlaying with 
copper by 
P. 1015

Pipes and smoke 
customs of the 
R. 103

Amirantes Island birds 
P. 1079

"Analyse de la nature," of Rafinesque, note on 
P. 648

Analysis of water destructive to fish 
P. 201

Anatomical preparations, protection of 
P. 12

Semper's method of making 
P. 220

Anatomy. Amphipnoide, osteological characteristics of the 
P. 825

Anguillide, osteological characteristics of 
P. 803

Anseres, North American, osteology of the 
P. 711

Bird skeletons collected by "Albatross," 1887-88 
P. 798

Birds' sterna and skulls 
P. 638

Canada lynx, cranial character of the 
P. 603

Chamea, osteology of 
P. 830

Coelobide, anatomy and affinities of 
P. 1001

Cygiline, outlines of monograph of the 
P. 275

Daediloipoidea, osteological characteristics of 
P. 818

Dinolastes' lewini, osteology of 
P. 1186

Ethoestomatinae, on skeletons of 
P. 484

Eurypharyngida, anatomy of 
P. 382

Feather tracts of North American grouse and quail 
P. 1166

Fishes 
P. 382

Fishes, development of fin-rays of 
P. 553

Great auks, observations on the history and anatomy of the 
R. 26

Hemipteridae, osteological characteristics of the 
P. 835

Humming birds, structure of tongue in 
P. 848

Hydrocotyle americana 
P. 741

Jerboas and jumping mice, osteology of the 
P. 1228

Lutjanine, osteological characteristics of the 
P. 444

Murænesocoidae, osteological characteristics of 
P. 815

Muraneidae, osteological characteristics of 
P. 805

Nuthua maculosa, osteology of 
P. 622

Opheosaurus ventralis, on the osteology of 
P. 245

Pallas's cormorant, cranium of 
P. 1095

Paride, osteology of the 
P. 830

Patella in birds, forms of 
P. 439

Persosoces, osteological characters of 
P. 1179

Phoca fasciata, skeleton of 
P. 394

Proeniata, osteological and pterylographical character of 
P. 1077

Prodelphinus, skeletons and skulls of 
P. 382

Pterylography of American goat-suckers and owls 
P. 1018

Rancipitide, osteological characteristics of 
P. 816

Simenchelyidae, osteological characteristics of 
P. 817
<table>
<thead>
<tr>
<th>Index Category</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Anatomy.</strong></td>
<td>Sitta, osteology of the skeleton, notes on the preparation of...........</td>
<td>P.830</td>
</tr>
<tr>
<td></td>
<td>Steganopodes, osteology of the...........................................</td>
<td>P.718</td>
</tr>
<tr>
<td></td>
<td>Synapobranchidoe, osteological characteristics of the..................</td>
<td>P.804</td>
</tr>
<tr>
<td></td>
<td>Thrushes and wrens, osteology of the.....................................</td>
<td>P.704</td>
</tr>
<tr>
<td></td>
<td>Tubinares, osteology of the................................................</td>
<td>P.713</td>
</tr>
<tr>
<td></td>
<td>Turbinella pyrum......................................................................</td>
<td>P.521</td>
</tr>
<tr>
<td></td>
<td>Zelide, osteology of the.......................................................</td>
<td>P.1155</td>
</tr>
<tr>
<td><strong>Anthropology.</strong></td>
<td>Artificial deformation of children........................................</td>
<td>R.17</td>
</tr>
<tr>
<td></td>
<td>Basket work of North American aborigines..................................</td>
<td>R.2</td>
</tr>
<tr>
<td></td>
<td>Benguiat collection in the National Museum, catalogue of...............</td>
<td>R.115</td>
</tr>
<tr>
<td></td>
<td>Berndout, Allen and Jouy Korean collections................................</td>
<td>R.57</td>
</tr>
<tr>
<td></td>
<td>Biblical antiquities..................................................................</td>
<td>R.100</td>
</tr>
<tr>
<td></td>
<td>Boomerang, study of the..........................................................</td>
<td>P.724</td>
</tr>
<tr>
<td></td>
<td>Bronze Buddha in the National Museum.........................................</td>
<td>R.43</td>
</tr>
<tr>
<td></td>
<td>Burial mounds of Japan............................................................</td>
<td>R.59</td>
</tr>
<tr>
<td></td>
<td>California, anthropological studies in.......................................</td>
<td>R.116</td>
</tr>
<tr>
<td></td>
<td>California, throwing sticks from............................................</td>
<td>P.932</td>
</tr>
<tr>
<td></td>
<td>Carthage, Roman mosaic................................................................</td>
<td>P.393</td>
</tr>
<tr>
<td></td>
<td>Casts of heads of Indian prisoners...........................................</td>
<td>P.29</td>
</tr>
<tr>
<td></td>
<td>Catlin collection of Indian paintings.........................................</td>
<td>R.8,R.92</td>
</tr>
<tr>
<td></td>
<td>Ceramic art in China, sketch of................................................</td>
<td>R.118</td>
</tr>
<tr>
<td></td>
<td>Chaclacayo trephined skull........................................................</td>
<td>P.531</td>
</tr>
<tr>
<td></td>
<td>Chess and playing cards...........................................................</td>
<td>R.99</td>
</tr>
<tr>
<td></td>
<td>Chinese games with dice and dominoes........................................</td>
<td>R.74</td>
</tr>
<tr>
<td></td>
<td>Chippewa names of salmon................................................................</td>
<td>P.244</td>
</tr>
<tr>
<td></td>
<td>Cloth from Ohio mound...............................................................</td>
<td>P.347</td>
</tr>
<tr>
<td></td>
<td>Coast Indians of southern Alaska and northern British Columbia........</td>
<td>R.24</td>
</tr>
<tr>
<td></td>
<td>Cradles of American aborigines................................................</td>
<td>R.16</td>
</tr>
<tr>
<td></td>
<td>Crump burial cave........................................................................</td>
<td>R.57</td>
</tr>
<tr>
<td></td>
<td>District of Columbia, stone implements from..................................</td>
<td>P.810</td>
</tr>
<tr>
<td></td>
<td>Early west Virginia pottery........................................................</td>
<td>R.113</td>
</tr>
<tr>
<td></td>
<td>Easter Island..................................................................................</td>
<td>R.37,R.105</td>
</tr>
<tr>
<td></td>
<td>Eskimo bows, study of...............................................................</td>
<td>R.3</td>
</tr>
<tr>
<td></td>
<td>collection, preliminary catalogue of the..................................</td>
<td>R.20</td>
</tr>
<tr>
<td></td>
<td>harpoon.......................................................................................</td>
<td>P.702</td>
</tr>
<tr>
<td></td>
<td>lamp.............................................................................................</td>
<td>R.101</td>
</tr>
<tr>
<td></td>
<td>Eskimo, graphic art of the........................................................</td>
<td>R.90</td>
</tr>
<tr>
<td></td>
<td>Ethno-conchology—a study of primitive money................................</td>
<td>R.19</td>
</tr>
<tr>
<td></td>
<td>Fire-making apparatus, methods of............................................</td>
<td>R.27</td>
</tr>
<tr>
<td></td>
<td>Florida, east coast, shell heaps of...........................................</td>
<td>R.47</td>
</tr>
<tr>
<td></td>
<td>Fort Marion, Florida, casts of heads of Indian prisoners at..............</td>
<td>P.966</td>
</tr>
<tr>
<td></td>
<td></td>
<td>182</td>
</tr>
</tbody>
</table>

1 Under this heading will be found references to all papers on ethnology, archaeology, and technology.
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology. George Catlin Indian gallery</td>
<td>R.8</td>
</tr>
<tr>
<td>Golden patera of Rennes</td>
<td>R.85</td>
</tr>
<tr>
<td>Graphic art of the Eskimo</td>
<td>R.90</td>
</tr>
<tr>
<td>Hampton Normal and Agricultural Institute, list of Indian boys and girls at</td>
<td>P.79</td>
</tr>
<tr>
<td>Harpoons, aboriginal American</td>
<td>P.117</td>
</tr>
<tr>
<td>Havasu-pai Indians</td>
<td>P.859</td>
</tr>
<tr>
<td>Hopi ceremonial pigments</td>
<td>R.120</td>
</tr>
<tr>
<td>Human beast of burden</td>
<td>R.18</td>
</tr>
<tr>
<td>II Kamon-no-Kami Nao-suké, wooden statue of</td>
<td>R.86</td>
</tr>
<tr>
<td>India, minute stone implements from</td>
<td>R.68</td>
</tr>
<tr>
<td>Indian boys and girls, list of</td>
<td>P.79</td>
</tr>
<tr>
<td>Indian paintings, Catlin</td>
<td>R.8, R.92</td>
</tr>
<tr>
<td>Indians, Alaska and British Columbia</td>
<td>P.395</td>
</tr>
<tr>
<td>Japan</td>
<td>R.58, R.59, R.60, P.836</td>
</tr>
<tr>
<td>Japanese wood-cutting and wood-cut printing</td>
<td>R.63</td>
</tr>
<tr>
<td>Jewish ceremonial objects in National Museum, catalogue of</td>
<td>R.115</td>
</tr>
<tr>
<td>Kilima-njaro, ethnological collections from</td>
<td>R.56</td>
</tr>
<tr>
<td>Korean mortuary pottery</td>
<td>R.28</td>
</tr>
<tr>
<td>Kutenai canoe</td>
<td>R.114</td>
</tr>
<tr>
<td>Kwakiutl Indians, houses of</td>
<td>P.709</td>
</tr>
<tr>
<td>Kwakiutl Indians, social organization and secret societies of the</td>
<td>R.89</td>
</tr>
<tr>
<td>Lamp of the Eskimo</td>
<td>R.101</td>
</tr>
<tr>
<td>Log of the Savannah</td>
<td>R.53</td>
</tr>
<tr>
<td>Man in North America during paleolithic period of stone age</td>
<td>R.31</td>
</tr>
<tr>
<td>Mancala, the national game of Africa</td>
<td>R.84</td>
</tr>
<tr>
<td>Man's knife of North American Indians</td>
<td>R.106</td>
</tr>
<tr>
<td>Mexico, throwing-sticks</td>
<td>P.902</td>
</tr>
<tr>
<td>Mound exploration, directions for</td>
<td>G.28</td>
</tr>
<tr>
<td>Musical scales, history of</td>
<td>R.119</td>
</tr>
<tr>
<td>Naskopie Indians, single-headed drum of</td>
<td>P.736</td>
</tr>
<tr>
<td>Navajo belt weaver</td>
<td>P.860</td>
</tr>
<tr>
<td>Navajo Indians, evolution of house building</td>
<td>P.962</td>
</tr>
<tr>
<td>Navajo shoemaker</td>
<td>P.697</td>
</tr>
<tr>
<td>Navajo tanner</td>
<td>P.683</td>
</tr>
<tr>
<td>Naval architecture</td>
<td>R.61</td>
</tr>
<tr>
<td>Anthropology. New Brunswick, shell-mounds on coast of</td>
<td>P.229</td>
</tr>
<tr>
<td>New England, shell-mounds on coast of</td>
<td>P.229</td>
</tr>
<tr>
<td>New York</td>
<td>P.351</td>
</tr>
<tr>
<td>Norsk naval architecture</td>
<td>P.583</td>
</tr>
<tr>
<td>Ohio, cloth from mound in</td>
<td>P.347</td>
</tr>
<tr>
<td>Overlaying with copper by American aborigines</td>
<td>P.1015</td>
</tr>
<tr>
<td>Paleolithic period in District of Columbia</td>
<td>P.777</td>
</tr>
<tr>
<td>Paris Exposition, 1889</td>
<td>R.54</td>
</tr>
<tr>
<td>Persepolitan casts, two</td>
<td>R.80</td>
</tr>
<tr>
<td>Pipes and smoking customs of the North American aborigines</td>
<td>R.103</td>
</tr>
<tr>
<td>Pit-dwellers of Yezo, the ancient</td>
<td>R.49</td>
</tr>
<tr>
<td>Plants, aboriginal uses of</td>
<td>B.39 (J)</td>
</tr>
<tr>
<td>Playing cards from Japan</td>
<td>R.99, P.836</td>
</tr>
<tr>
<td>Pointed bark canoes of the Kutenai and Amur</td>
<td>R.114</td>
</tr>
<tr>
<td>Porcelains, Hippisley collection of Chinese</td>
<td>R.118</td>
</tr>
<tr>
<td>Potomac tide-water region</td>
<td>P.776</td>
</tr>
<tr>
<td>Prehistoric art</td>
<td>R.98</td>
</tr>
<tr>
<td>Primitive American armor frame for weaving</td>
<td>R.77</td>
</tr>
<tr>
<td>frame for weaving</td>
<td>R.112</td>
</tr>
<tr>
<td>methods of drilling</td>
<td>R.87</td>
</tr>
<tr>
<td>travel and transporta tion</td>
<td>R.83</td>
</tr>
<tr>
<td>Religious history and ceremonial collections illustrating</td>
<td>R.81</td>
</tr>
<tr>
<td>Roman mosaic, Carthage</td>
<td>P.333</td>
</tr>
<tr>
<td>Shell-beds</td>
<td>P.351</td>
</tr>
<tr>
<td>Shell-mounds</td>
<td>P.229</td>
</tr>
<tr>
<td>Shinto, or mythology of the Japanese</td>
<td>R.58</td>
</tr>
<tr>
<td>Shofar, the</td>
<td>R.66, P.936</td>
</tr>
<tr>
<td>Stone age at Mt. Vernon</td>
<td>P.730</td>
</tr>
<tr>
<td>Swastika, the</td>
<td>R.88</td>
</tr>
<tr>
<td>Throwing-sticks from Mexico and California</td>
<td>P.932</td>
</tr>
<tr>
<td>Throwing-sticks in the National Museum</td>
<td>R.1</td>
</tr>
<tr>
<td>Tibet, ethnology of</td>
<td>R.79</td>
</tr>
<tr>
<td>Ulu, Eskimo woman's knife</td>
<td>R.48</td>
</tr>
<tr>
<td>Weaving, frame for</td>
<td>R.112</td>
</tr>
<tr>
<td>West Virginia, early pottery in</td>
<td>R.113</td>
</tr>
<tr>
<td>White-line engraving or relief printing in the fifteenth and sixteenth centuries</td>
<td>R.46</td>
</tr>
<tr>
<td>Wolpai, a maid of</td>
<td>P.889</td>
</tr>
<tr>
<td>Wooden statue of Baron II Kamon-no-Kami-Nao-suké</td>
<td>R.8</td>
</tr>
<tr>
<td>Title</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Antigua, birds</td>
<td>P. 35</td>
</tr>
<tr>
<td>Antillean region, Tertiary fossils from</td>
<td>P.1110</td>
</tr>
<tr>
<td>Antilles. Crustacea (n. g. and n. sp.)</td>
<td>P.986</td>
</tr>
<tr>
<td>Solenidae of North America and Antilles</td>
<td>P.1185</td>
</tr>
<tr>
<td>Antilles, Lesser, birds</td>
<td>P.61, P.478</td>
</tr>
<tr>
<td>Antiquities, requesting information for Department of</td>
<td>C.36</td>
</tr>
<tr>
<td>Antiquity of the red race in America</td>
<td>R.96</td>
</tr>
<tr>
<td>Antlers, abnormal, of Virginia deer</td>
<td>P.385</td>
</tr>
<tr>
<td>Apparatus for capture of fish (London Fisheries Exhibition)</td>
<td>B.27</td>
</tr>
<tr>
<td>Aquatic mammals, catalogue of (London Fisheries Exhibition)</td>
<td>B.27</td>
</tr>
<tr>
<td>Arachnids. Africa, West</td>
<td>P.951</td>
</tr>
<tr>
<td>Aranea, temperate North America, catalogue of</td>
<td>P.782</td>
</tr>
<tr>
<td>Arizona</td>
<td>P.1229</td>
</tr>
<tr>
<td>Harvest spiders of Ohio, catalogue of</td>
<td>P.950</td>
</tr>
<tr>
<td>Archaeology. (See under Anthropology.)</td>
<td></td>
</tr>
<tr>
<td>Arctic America, birds and eggs from</td>
<td>P.865</td>
</tr>
<tr>
<td>contributions to the natural history of</td>
<td>B.15</td>
</tr>
<tr>
<td>region. Mollusks</td>
<td>P.48</td>
</tr>
<tr>
<td>Siberia. Fossils</td>
<td>P.946</td>
</tr>
<tr>
<td>Miocene fauna of</td>
<td>P.946</td>
</tr>
<tr>
<td>Arizona. Arachnids</td>
<td>P.1229</td>
</tr>
<tr>
<td>Birds</td>
<td>P.616, P.674</td>
</tr>
<tr>
<td>Birds' nests and eggs</td>
<td>P.663</td>
</tr>
<tr>
<td>Fossil wood</td>
<td>P.670</td>
</tr>
<tr>
<td>Arkansas. Batrachian</td>
<td>P.1023</td>
</tr>
<tr>
<td>Fishes</td>
<td>P.549, P.759</td>
</tr>
<tr>
<td>Fossils</td>
<td>P.137, P.207</td>
</tr>
<tr>
<td>Geology (meteoric iron)</td>
<td>P.666</td>
</tr>
<tr>
<td>Armor, primitive American</td>
<td>R.77</td>
</tr>
<tr>
<td>[Armstrong, Frank B.]</td>
<td>P.1091</td>
</tr>
<tr>
<td>Arrowpoints, spearheads, and knives of prehistoric times</td>
<td>R.108</td>
</tr>
<tr>
<td>Artificial deformation of children</td>
<td>R.17</td>
</tr>
<tr>
<td>Asbestos and asbestiform minerals</td>
<td>P.1066</td>
</tr>
<tr>
<td>Ashmead, Wm. H.</td>
<td>P.794,</td>
</tr>
<tr>
<td>P.779, P.1102, P.1202, P.1206, B.45</td>
<td></td>
</tr>
<tr>
<td>Ashmead, Wm. H. (coauthor)</td>
<td>P.1092</td>
</tr>
<tr>
<td>Asia (Central). Birds</td>
<td>P.1195</td>
</tr>
<tr>
<td>Assumption Island. Birds</td>
<td>P.1105, P.1079</td>
</tr>
<tr>
<td>Natural history of</td>
<td>P.973</td>
</tr>
<tr>
<td>Atlanta Cotton Exposition, samples of raw cotton presented by</td>
<td></td>
</tr>
<tr>
<td>Atlantic coast Isopods, key to the</td>
<td>P.1222</td>
</tr>
<tr>
<td>mollusks, revision of the</td>
<td>P.1139</td>
</tr>
<tr>
<td>Avifauna Columbiana</td>
<td>B.26</td>
</tr>
<tr>
<td>[Ayres, Dr.]</td>
<td>P.159</td>
</tr>
<tr>
<td>B.</td>
<td></td>
</tr>
<tr>
<td>Bacteria, experiments on</td>
<td>P.218</td>
</tr>
<tr>
<td>Baflin Land. Fossils Lower Silurian</td>
<td>P.1192</td>
</tr>
<tr>
<td>Bahama Islands. Birds</td>
<td>P.660</td>
</tr>
<tr>
<td>Iguanoid lizard from</td>
<td>P.1219</td>
</tr>
<tr>
<td>Reptiles</td>
<td>P.645, P.1219</td>
</tr>
<tr>
<td>Baird, Spence F, the published writings of</td>
<td>B.20</td>
</tr>
<tr>
<td>Baltistan. Birds</td>
<td>P.1078</td>
</tr>
<tr>
<td>Baltistan. Mammals</td>
<td>P.976</td>
</tr>
<tr>
<td>Banks, Nathan</td>
<td>P.1223</td>
</tr>
<tr>
<td>Banks, Nathan (coauthor)</td>
<td>P.951</td>
</tr>
<tr>
<td>Barbuda. Birds</td>
<td>P.35</td>
</tr>
<tr>
<td>Basket work of the North American aboriginus</td>
<td>R.1</td>
</tr>
<tr>
<td>Batrachians. Amblystoma annulatum (n. sp.)</td>
<td>P.1023</td>
</tr>
<tr>
<td>copepianum</td>
<td>P.512</td>
</tr>
<tr>
<td>mexicanum (Axolotl), habits and rearing of</td>
<td>P.276</td>
</tr>
<tr>
<td>Amphitama in Virginia</td>
<td>P.1150</td>
</tr>
<tr>
<td>Arkansas, salamander</td>
<td>P.1023</td>
</tr>
<tr>
<td>Blind tailed batrachian</td>
<td>P.1088</td>
</tr>
<tr>
<td>Bufo, new species of</td>
<td>P.715</td>
</tr>
<tr>
<td>Desmognathus trimylemomum (n. sp.)</td>
<td>P.1023</td>
</tr>
<tr>
<td>Discoglossoid toad, n. g. and sp. of</td>
<td>P.1178</td>
</tr>
<tr>
<td>Hyla regilis, variations of</td>
<td>P.1156</td>
</tr>
<tr>
<td>Indiana</td>
<td>P.512</td>
</tr>
<tr>
<td>North American</td>
<td>B.34</td>
</tr>
<tr>
<td>Texas</td>
<td>P.715, P.1088</td>
</tr>
<tr>
<td>Tropical America</td>
<td>P.817</td>
</tr>
<tr>
<td>Virginia</td>
<td>P.1150</td>
</tr>
<tr>
<td>(See also under Reptiles and Batrachians.)</td>
<td></td>
</tr>
<tr>
<td>Baur, G.</td>
<td>P.1005</td>
</tr>
<tr>
<td>Bean, Barton A.</td>
<td>P.845, P.1030, P.1159, P.1165</td>
</tr>
<tr>
<td>Bean, Barton A. (coauthor)</td>
<td>P.1029,</td>
</tr>
<tr>
<td>P.1106, P.1127, P.1127, P.1167</td>
<td></td>
</tr>
<tr>
<td>Bean, Tarleton H.</td>
<td>P.28</td>
</tr>
<tr>
<td>P.47, P. 49, P. 52, P. 63, P. 69, P. 70, P. 71, P. 80, P. 89, P. 90, P. 95, P. 100, P. 124, P. 127,</td>
<td></td>
</tr>
<tr>
<td>P. 537, P. 567, P. 568, P. 569, P. 572, P. 586, P. 587, P. 623, P. 672, P. 748, P. 757, P. 795, P. 896, P. 903, P. 907,</td>
<td></td>
</tr>
<tr>
<td>P.1027, P.1028, B.27</td>
<td></td>
</tr>
<tr>
<td>Bean, Tarleton H. (coauthor)</td>
<td>P.10, P.13, P.16,</td>
</tr>
<tr>
<td>P.25, P. 24, P. 26, P. 40, P. 41, P. 50, P. 52, P. 53, P. 64, P. 65, P. 66, P. 68, P. 74, P. 77, P. 78,</td>
<td></td>
</tr>
<tr>
<td>598, P. 211, P. 241, P. 281, P. 297, P. 406, P. 418, P. 510, P. 535, P. 543, P. 1012, P. 1013, P. 1014,</td>
<td></td>
</tr>
<tr>
<td>P.1029, P.1106, P.1112, P.1127, P.1167, Sp. B.2, B.2</td>
<td></td>
</tr>
<tr>
<td>Beckham, Charles Wickliffe</td>
<td>P.546, P.673</td>
</tr>
<tr>
<td>Beeson, Charles H. (coauthor)</td>
<td>P.1009</td>
</tr>
<tr>
<td>Belding, L.</td>
<td>P.56, P.131, P.314, P.360, P.385, P.386</td>
</tr>
<tr>
<td>[Belding, L.]</td>
<td>P.293</td>
</tr>
<tr>
<td>Benedict, James E. (coauthor)</td>
<td>P.858</td>
</tr>
<tr>
<td>[Benguiat, Hadji Ephraim]</td>
<td>R.115</td>
</tr>
<tr>
<td>Bering Island. Fishes</td>
<td>P.1106</td>
</tr>
<tr>
<td>Mammals, new species of</td>
<td>P.540</td>
</tr>
<tr>
<td>Bering Sea. Mollusks</td>
<td>P.662, P.671</td>
</tr>
<tr>
<td>Berlepsch, Hans von</td>
<td>P.755</td>
</tr>
<tr>
<td>Berlin Exhibition, exhibit by U. S. Fish</td>
<td></td>
</tr>
<tr>
<td>Commission of collection illustrating the fisheries and fish culture</td>
<td></td>
</tr>
<tr>
<td>of the United States</td>
<td>B.18</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
INDEX TO TITLES.

Bermudas. Annelids ..................... B. 25 (VII)
Birds ................................ B. 25 (IV)
Botany .................................. B. 25 (II)
Contributions to the natural 
history of ................................ B. 25
Fishes ................................ P. 23, P. 58
catalogue of ................................ B. 5
Geology .................................. B. 25 (I)
Mammals ................................. B. 25 (III)
Notes on birds .......................... B. 25 (V)
Reptiles ................................ B. 25 (VI)

[ Bert, Dr. Louis F. H. ] ........................ P. 732
Bibliographies of American naturalists: 
Bibliographical catalogue of described 
transformations of North American
Lepidoptera ................................ B. 35
Bibliographies of American naturalists: 
I. Spencer F. Baird .................... B. 20
II. Isaac Lea ................................ B. 23
III. Fielding B. Meek, Charles A.
White, and Charles D. Walcott. .... B. 30
IV. George Newbold Lawrence ...... B. 41
V. Charles Girard ........................ B. 41

Bibliography. Fishes of the Pacific coast 
of the United States .................... B. 11
Goode, G. Brown ........................ B. 49
Selater, Philip Lutley .................. B. 49

Bigelow, Robert Payne .................. P. 1017

Binney, W. G. ............................ B. 28

Biology. (See under Botany and the va-
rious zoological groups.)

Biology to geological investigation, rela-
tion of .................................. R. 64

Birds. Abrolhos Islands, 1887 ........... P. 768
Acanthiodops bairdii .................... P. 785
Accipiter cooperi mexicanus .......... P. 691
Accipiter velox, new subspecies of 
Egalites albipilcatus (plover) .... P. 312
Estraela defilippiana .................. P. 471
fisheri (n. sp.) .......................... P. 399
fisheri ................................. P. 471
sandwichensis .......................... P. 556, P. 693

Africa, West (Cameroons district) .... P. 1180
Alaska ................................ P. 274, P. 339, P. 411, P. 412, P. 960
Albino birds ............................ P. 733
Aldabra and Assumption Islands. .... P. 953
Aldabra Island .......................... P. 1098, P. 1079
Amazilia cetriniventer ................. P. 189
Yucatanensis ........................... P. 189

Amazon, Lower ........................ P. 591, P. 660
new Dendrocolap-
tine bird from ......................... P. 618
America, tree-creepers of .......... P. 270
American birds, descriptions of ...... P. 60
Amirante Islands ....................... P. 1079
Annomdramus caudacatus becki 
(n. sp.) ................................ P. 872
Anas boschas obscura ................. P. 409
Anser leucopareius ....................... P. 475
Anseres, North American, osterol-
y of .................................... P. 711
Anthus cervinus ........................ P. 361
Antigua, catalogue of birds of ...... P. 35
Antrostomus rufo-maculatus (n.
sp.) ..................................... P. 867

Birds. Ant-thrush, Phlegopsis saturata
(n. sp.) ................................ P. 1090
Aquatic and fish-eating birds 
(London Fisheries Exhibition) .... B. 27
Arctic America ........................ P. 865
Ardea wuerdemanni ..................... P. 612
Arizona ................................ P. 616
new Psaltriparus from ................ P. 674
Assumption Island ..................... P. 1008, P. 1079
Attis ellioti (n. sp.) ................... P. 7
Australia ................................ P. 570
Bahamas, new form of Spindalis 
from the ................................ P. 600
Baltistan ................................ P. 1078
Barbuda, catalogue of birds of ..... P. 35
Basiliterus rufrinouns, two new 
forms of ................................ P. 885
Bibliography of British birds ......... P. 101
Birds of Paradise and Bower birds P. 575
Birds of Paradise, new species of . P. 1294
Boat-billed heron, new species of . P. 493
British birds, list of faunal publi-
cations relating to ...................... P. 101
British Guiana ........................ P. 538
British marsh-tits ........................ P. 560
Bullfinches, northern palearctic .... P. 610
Buteo latissimus (melanic) .......... P. 567
oxypetus (type) ....................... P. 488
Cabanis ................................ P. 262
California .............................. P. 561,
. . . . P. 468, P. 623, P. 872, P. 1196
central, list of birds of ......... P. 56
lower ....... P. 247,
. . . . . . . P. 313, P. 314, P. 360, P. 386
Callipepla elegans bensonii (n. sp.) P. 617
Caribbean Sea ........................ P. 665
Carpodectes antoni ...................... P. 605
Cathartes burrovianus ................. P. 480
urubitinga ............................ P. 480
Catharus berlepschii (n. sp.) .......... P. 653
berlepschii ............................ P. 654
Central America ....................... P. 493
Central Asia .......................... P. 1083, P. 1195
Central Mexico ........................ P. 975
Centurias, review of the genus .... P. 198
Cepphus, remarks on the genus .... P. 495
Certhia of Europe and America .... P. 270
Certhiola, synopsis of species of . P. 478
Ceryle stictipennis (n. sp.) ......... P. 545
Chile .................................... P. 312
Chrysotis, new parrot from Do-
mimica .............................. P. 142
Commander Islands ..................... P. 345,
. . . . P. 614, P. 765, P. 1095, B. 29
Contopus pileatus (n. sp.) .......... P. 474
Coot, new species of .................... P. 446
Costa Rica ............................. P. 39, P. 235,
. . . . . . . P. 295, P. 305, P. 362, P. 477, P. 498,
. . . . . P. 599, P. 611, P. 750, P. 855, P. 867,
. . . . . P. 869, P. 879, P. 888, P. 947, P. 956
Cotinga ridgwayi (N. sp.) .......... P. 599
Cowbirds, the .......................... R. 76
Cozumel Island ......................... P. 539
Cozumel, new hawk from .......... P. 494
Creepers (Japanese) ................. P. 667
Cyanecula abotti (n. sp.) .......... P. 1078
Cyclorhiss, new subspecies of .... P. 588
Birds. Cygnina, outlines of monograph of the. P. 275
Dendrocinela, review of. P. 650
Dendrongnis striatigularis (n. sp.). P. 1200
Dick cissel from District of Columbia, disappearance of. P. 806
Directions for collecting. B. 39 (A)
District of Columbia, list of birds of the. B. 26
Dominica, catalogue of birds from new parrot from. P. 142
Downy woodpecker, new subspecies. P. 1080
Dromoceyx from British Guiana. P. 538
Dryobates nuttallii. P. 590
pubescens gairdnerii. P. 590
new subspecies of. P. 1080
Dueck new to North American fauna. P. 188
East Turkestan, Thian Shan Mountains, and Tagdumbash. P. 1083
Ecuador, new species of Catharus from. P. 653
Empidonax, nests and eggs of. P. 62
European birds, generic and specific names of. P. 261
crested titmouse. P. 695
thrushes. P. 577
Europe, tree-creepers of. P. 270
Farallon rail. P. 828
Field-sparrow, new species of. P. 432
Florida. P. 457
Flycatcher, new species of. P. 236
Flycatchers, two apparently new species of. P. 888
Formicarius, revision of genus. P. 261
Galapagos archipelago. P. 573, P. 767, P. 1007, P. 1067, P. 1116
Generic names apparently preoccupied. P. 530
Geothlypis flavovelatus (n. sp.). P. 1045
poliocephala ralphii (n. sp.). P. 964
Gloriosa Island. P. 1085, P. 1079
Goatsuckers and owls, pterylography of. P. 1018
Golden warblers, review of the “Grampus,” birds observed by, 1887. P. 519
Gray shrike in Japan. P. 931
Great auk, history and anatomy of the. R. 26
Grenada, catalogue of birds of. P. 45, P. 596
Ground warbler, eastern Mexico. P. 1045
Grouse and quail, on the feathertracts of. P. 1166
Guadeloupe, catalogue of birds of. P. 57
Guatemala. P. 7
Hematopus galapagensis (n. sp.). P. 573
Hapaloderma vittatum, new genus of Trogons, based on. P. 1024
Harpornithus. P. 292
Hawaiian Islands. P. 692
Hawaiian Islands (Kain) ... P. 649, P. 778
Hawk, Cozumel, new species from. P. 494
Heligoland. P. 67
Honduras. P. 663, P. 568
Honey creepers, from Lesser Antilles. P. 478
Humming bird, new species of. P. 7
Humming birds, structure of tongue in. P. 848
the. R. 45
Hybrid between Dryobates nuttallii and D. pubescens gairdnerii. P. 590
ducks, domesticated. P. 499
Ibis, storks, and herons (Japanese). P. 628
Icterus eucnemidatus. P. 472
new species of. P. 166
Japan. P. 590, P. 558, P. 578, P. 579, P. 598, P. 601,
P. 628, P. 641, P. 642, P. 667, P. 735,
P. 751, P. 904, P. 931, P. 974, P. 997
(Idzu) P. 649
(Liu Kiu Islands) P. 473
water birds of. P. 598
Japanese avifauna, additions to. P. 906
birds in Sci. Coll. Tokyo P. 874, P. 957
carrion crow. P. 629
notes on. P. 383
Kamchatka, three-toed woodpecker from. P. 701
Kamtschatkan carrion crow. P. 629
Kashmir. P. 1078
Kani Island. P. 699
Kerguelen Island, ornithology of. B. 2
Kuril Islands. P. 1144
Labrador. P. 518
Ladak. P. 1078
Lagopus mutus, and its allies. P. 279
Lesser Antilles. P. 478
catalogue of birds of. P. 61
Liberia. P. 1182
Life histories of North American birds. Sp. B. 1 and 3
Lower Siam. P. 1201
Loxigilla, new subspecies of. P. 216
Madagascar. P. 1118, P. 1197
Magellan Straits, 1887. P. 768
Magona. P. 841
Manitoba. P. 1093
Margarita Island. P. 686
Marsh tits. P. 51
Martinique, catalogue of birds of. P. 51
Megascope, new species of. P. 626
Melaneta fusca in Alaska. P. 411
Merula confinis. P. 362
Methriopterus. P. 262
Mexico. P. 385, P. 945, P. 962, P. 1045, P. 1091
Collected by Geographical Exploring Commission. P. 559
Gulf of (n. sp.) P. 652
(Sonora), new plumed partridge from. P. 617
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds. Mexico, Southwestern, catalogue of birds from</td>
<td>B.4</td>
</tr>
<tr>
<td>Middle America.</td>
<td>P.655</td>
</tr>
<tr>
<td>American, not in National Museum</td>
<td>P.215</td>
</tr>
<tr>
<td>Mimine, new genus of</td>
<td>P.262</td>
</tr>
<tr>
<td>Mionectes semischistaceus</td>
<td>P.888</td>
</tr>
<tr>
<td>Motacilla amurensis</td>
<td>P.356</td>
</tr>
<tr>
<td>blackstoni</td>
<td>P.356</td>
</tr>
<tr>
<td>ocularis</td>
<td>P.356</td>
</tr>
<tr>
<td>Muscisaxicola occipitalis (n.sp.)</td>
<td>P.643</td>
</tr>
<tr>
<td>Myiarchus obscurus, two new races of</td>
<td>P.239</td>
</tr>
<tr>
<td>synopsis of the</td>
<td>P.239</td>
</tr>
<tr>
<td>Myiarchus coulei (n.sp.)</td>
<td>P.589</td>
</tr>
<tr>
<td>Myiarchus, remarks on genus</td>
<td>P.955</td>
</tr>
<tr>
<td>yucatanensis</td>
<td>P.955</td>
</tr>
<tr>
<td>Neotropical birds in National Museum</td>
<td>P.755</td>
</tr>
<tr>
<td>New Mexico, new species of field sparrow from</td>
<td>P.482</td>
</tr>
<tr>
<td>New species and geographical races</td>
<td>P.38</td>
</tr>
<tr>
<td>Nicaragua</td>
<td>P.391, P.947, P.1090</td>
</tr>
<tr>
<td>Nomenclature of North American birds</td>
<td>B.21</td>
</tr>
<tr>
<td>North America, catalogue of birds of</td>
<td>P.138</td>
</tr>
<tr>
<td>North American birds— Desiderata</td>
<td>P.219</td>
</tr>
<tr>
<td>Desiderata</td>
<td>P.219</td>
</tr>
<tr>
<td>Emended names of</td>
<td>P.524</td>
</tr>
<tr>
<td>Fauna, additions to</td>
<td>P.247</td>
</tr>
<tr>
<td>Generic and specific names of</td>
<td>P.261</td>
</tr>
<tr>
<td>New races of</td>
<td>P.299</td>
</tr>
<tr>
<td>New species of</td>
<td>P.285</td>
</tr>
<tr>
<td>Revisions of nomenclature of</td>
<td>P.162</td>
</tr>
<tr>
<td>North and Middle America</td>
<td>B.50</td>
</tr>
<tr>
<td>Nuicifraga caryocatactes macrophyneus</td>
<td>P.735</td>
</tr>
<tr>
<td>Oceanodroma townsendi (n.sp.)</td>
<td>P.982</td>
</tr>
<tr>
<td>Odontophorus consobrinus (n.sp.)</td>
<td>P.945</td>
</tr>
<tr>
<td>Old world birds, catalogue of</td>
<td>P.234</td>
</tr>
<tr>
<td>Onychotes gruberi</td>
<td>P.481</td>
</tr>
<tr>
<td>Oology of North American birds, comparative</td>
<td>R.69</td>
</tr>
<tr>
<td>Orlinoco District, new species from the</td>
<td>P.589</td>
</tr>
<tr>
<td>Ornithion pusillum subflavum</td>
<td>P.888</td>
</tr>
<tr>
<td>Ornithological explorations in the Commander Islands and Kambchatka</td>
<td>B.29</td>
</tr>
<tr>
<td>Owl, new species from Porto Rico</td>
<td>P.238</td>
</tr>
<tr>
<td>Oyster-catcher, from Galapagos Islands</td>
<td>P.573</td>
</tr>
<tr>
<td>Pachyrhamphus albinucha</td>
<td>P.870</td>
</tr>
<tr>
<td>Pacific coast</td>
<td>P.799</td>
</tr>
<tr>
<td>Pallas' cormorant, history of</td>
<td>P.765</td>
</tr>
<tr>
<td>Pardalotus (Australian)</td>
<td>P.570</td>
</tr>
<tr>
<td>Passer satratus (n.sp.)</td>
<td>P.473</td>
</tr>
<tr>
<td>Passerine birds, new family of</td>
<td>P.1076</td>
</tr>
<tr>
<td>Patelea, forms of</td>
<td>P.489</td>
</tr>
<tr>
<td>Peru (Lake Titicaca)</td>
<td>P.643</td>
</tr>
<tr>
<td>Petrel, from Alaska, new species of</td>
<td>P.339</td>
</tr>
<tr>
<td>supposed new species of</td>
<td>P.226</td>
</tr>
<tr>
<td>Petropaulovskii</td>
<td>P.345</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds. Peneea mexicana, a sparrow new to the United States</td>
<td>P.496</td>
</tr>
<tr>
<td>Peneedramus olivaceus aurantia (n.subsp.)</td>
<td>P.1074</td>
</tr>
<tr>
<td>Phaeocisodomus inornatus (n.sp.)</td>
<td>P.619</td>
</tr>
<tr>
<td>Philippine and Palawan Islands.</td>
<td>P.1134</td>
</tr>
<tr>
<td>Phryngulus gayi</td>
<td>P.644</td>
</tr>
<tr>
<td>Picoides abalbidor (three-toed woodpecker)</td>
<td>P.701</td>
</tr>
<tr>
<td>Picoloapes, apparently new species of</td>
<td>P.591</td>
</tr>
<tr>
<td>Pigeons (Japanese)</td>
<td>P.642</td>
</tr>
<tr>
<td>Plover, from Chili, supposed new species of</td>
<td>P.312</td>
</tr>
<tr>
<td>Polioptila californica, nests and eggs of</td>
<td>P.662</td>
</tr>
<tr>
<td>Porto Rico, new owl from</td>
<td>P.238</td>
</tr>
<tr>
<td>Porzana alifari (n.sp.), Costa Rica</td>
<td>P.611</td>
</tr>
<tr>
<td>Porzana jamaicensis coturniculus</td>
<td>P.828</td>
</tr>
<tr>
<td>Procniaidae</td>
<td>P.1076</td>
</tr>
<tr>
<td>Psaltriparus santartiz (n.sp.)</td>
<td>P.674</td>
</tr>
<tr>
<td>Psitaculida</td>
<td>P.661</td>
</tr>
<tr>
<td>Psitistroa psittacea, from Kauai</td>
<td>P.610</td>
</tr>
<tr>
<td>Rails, gallinules, and coots, Japanese</td>
<td>P.579</td>
</tr>
<tr>
<td>Rallus gularis, K. jouyi, R. striatus</td>
<td>P.576</td>
</tr>
<tr>
<td>Red-shouldered hawk, new race.</td>
<td>P.457</td>
</tr>
<tr>
<td>Regulus calendula, plumage of</td>
<td>P.546</td>
</tr>
<tr>
<td>St. Vincent, catalogue of birds of</td>
<td>P.27</td>
</tr>
<tr>
<td>Sandwich Islands</td>
<td>P.236</td>
</tr>
<tr>
<td>Santa Barbara Islands</td>
<td>P.1196</td>
</tr>
<tr>
<td>Santa Lucia, 1887</td>
<td>P.765</td>
</tr>
<tr>
<td>Sclerurus, review of</td>
<td>P.762</td>
</tr>
<tr>
<td>Scops, review of the genus</td>
<td>P.21</td>
</tr>
<tr>
<td>Selasphorus torridus</td>
<td>P.409</td>
</tr>
<tr>
<td>Seychelles Islands</td>
<td>P.1079</td>
</tr>
<tr>
<td>Siberia</td>
<td>P.271</td>
</tr>
<tr>
<td>Sittasomus, note on</td>
<td>P.877</td>
</tr>
<tr>
<td>Snow bunting, from Alaska, new species of</td>
<td>P.412</td>
</tr>
<tr>
<td>South American, not in National Museum</td>
<td>P.215</td>
</tr>
<tr>
<td>Sparrow new to the United States</td>
<td>P.496</td>
</tr>
<tr>
<td>Sparrows</td>
<td>P.458</td>
</tr>
<tr>
<td>Spindalis zena townsendi (n.sp.)</td>
<td>P.600</td>
</tr>
<tr>
<td>Spiza americana</td>
<td>P.805</td>
</tr>
<tr>
<td>Spotted tinamou, osteology of</td>
<td>P.622</td>
</tr>
<tr>
<td>Storm petrel, Mexico</td>
<td>P.962</td>
</tr>
<tr>
<td>Swifts, supposed new species of</td>
<td>P.923</td>
</tr>
<tr>
<td>Synthiboramphus wumizusume</td>
<td>P.592</td>
</tr>
<tr>
<td>Tantalus, and its allies</td>
<td>P.315</td>
</tr>
<tr>
<td>Texas</td>
<td>P.673, P.964</td>
</tr>
<tr>
<td>southern, ornithology of</td>
<td>P.22</td>
</tr>
<tr>
<td>Thamnophilus, supposed new forms of</td>
<td>P.871</td>
</tr>
<tr>
<td>Three-toed woodpecker</td>
<td>P.701</td>
</tr>
<tr>
<td>Thrusles, new species of</td>
<td>P.240</td>
</tr>
<tr>
<td>Thryomanes, revision of</td>
<td>P.1153</td>
</tr>
<tr>
<td>Tits and nuthatches, Japanese</td>
<td>P.578</td>
</tr>
<tr>
<td>Tongues of</td>
<td>P.39</td>
</tr>
<tr>
<td>Tree-creepers</td>
<td>P.270</td>
</tr>
<tr>
<td>Tree-sparrow, new species of</td>
<td>P.473</td>
</tr>
<tr>
<td>Trinominals, use of</td>
<td>P.413</td>
</tr>
<tr>
<td>Trochilidae, catalogue of</td>
<td>P.155</td>
</tr>
<tr>
<td>Trogon ambiguus</td>
<td>P.616</td>
</tr>
</tbody>
</table>
Building-stone collection ................ C.9
Burial mounds of Japan .................. R.59
Burma. Jadeite, analysis of .............. P.981
Burns, Frank ................................ R.67
Busck, August .............................. P.1298
Bush, Katherine J ......................... P.377
Bush, Katherine J. (coauthor) ........... P.1139

C.

California. Anthropological studies in .. R.116
Anthropology ................................ P.932
Birds ....................................... P.56
P. 458, P. 623, P. 872, P.1186
Birds’ nests and eggs ...................... P.662
Fishes ..................................... P.72
P. 97, P. 106, P. 107, P. 108, P. 109,
P. 110, P. 111, P. 117, P. 118, P. 120,
P. 122, P. 123, P. 125, P. 126, P. 129,
P. 130, P. 132, P. 133, P. 135, P. 136,
P. 140, P. 141, P. 146, P. 150, P. 151,
P. 152, P. 153, P. 154, P. 156, P. 157,
P. 158, P. 161, P. 162, P. 164, P. 176,
P. 182, P. 187, P. 193, P. 205, P. 259,
P. 288, P. 296, P. 373, P. 742, P. 774,
P. 897, P. 916, P. 917, P. 967, P.1161
Fossil corals ............................. P.1194
Fossil plants ................................ P.679
Mammals .................................. P.1184
P. 14, P. 1183, P. 1145, P. 1194
Mollusks ................................... P.18
P. 536, P. 584, P. 588, P.1191
Reptiles .................................... P.689
P. 676, P. 678, P. 944
P. 977, P.1029, P.1044
Throwing-sticks from ................. P.962
Xantusia henshawi (n. sp.) .... P.944
California, Gulf of. Fishes......... P.227, P.698, P.880
Mammals ................................... P.492, P.633
Mollusks ................................... P.18
P. 536, P. 584, P. 588, P.1191
Reptiles .................................... P.689
P. 676, P. 678, P. 944
P. 977, P.1029, P.1044
Throwing-sticks from ................. P.962
Xantusia henshawi (n. sp.) .... P.944
Lower. Birds ............................... P.313
P. 314, P. 369, P. 361, P.386
Botany ...................................... P.725, P.749
Bulimus ..................................... P.958
Contributions to natural history of . R.7
Fishes ....................................... P.149,
P. 227, P. 288, P. 290,
P. 293, P. 376, P. 563
from San Cristobal .................. P.469
Geology ...................................... R.91
Mammals ................................... P.968
from Todos
Santos Bay ................................. P.536
Natural history of ....................... R.91
Reptiles .................................... P.788
Call, R. Ellsworth ......................... P.651
Calvert, Philip P ......................... P.1046, P.1047
Calvert, Philip P. (coauthor) .... P.951
Cambrian brachiopods .................. P.1120, P.1152, P.1229
Canada. Fossil unios from Toronto drift. P.852
Lynx, cranial characters of the. P.605
Mammals ................................... P.213

Canoes, pointed bark, of the Kutenai and Amur ...... R.114
Cape Bathurst, Eskimo strike-a-light from .......... P.705
Carbonnier, M................................ P.276
Caribbean Sea. Birds ...................... P.665
Echini ...................................... P.491
Meduse ..................................... P.528
Stalked crinoids .......................... P.547
Carlin, William E. ......................... P.199
(Carpenter, Lieut. W. L.) .............. P.754
Casanowicz, I. M. (coauthor) ........ R.100, R.115
Cases, exhibition ............................ R.70
Casting, metallic, of delicate natural objects .......... P.212
Casts, plaster, method of making and preserving .......... P.236
Catesby’s “Natural history of Carolina, Florida, and the Bahama Islands,” identification of figures of fishes in .......... P.422
Catlin collection of Indian paintings .................. R.8, R.52
Catskill Mountains. Fauna and flora of the .......... R.1147
Mammals .................................. P.1147
Cattie, S. Th ................................ P.148
Central America. Birds .................... P.493, P.975
Fishes ....................................... P.252, P.925
Mammals ................................... P.734, P.963
Reptiles and batrachians of .................. R.32
Central Asia. Birds ........................ P.1083
Ceramic art in China, sketch of ................ R.118
Ceylon. Insects, hymenopterous (parasitic) .......... P.1092
Chacalacayo trephined skull ........................ P.521
Chanler expedition, Odonata collected by ................ P.1047
[Chanler, Wm. Astor] ....................... P.970,
P. 1042, P.1063, P.1098
[Chatelain, Heli] ............................ P.968
Cherrie, George K .......................... P.856, P.878
Chesapeake Bay. Fishes .................... P.211, P.389
Chess and playing cards ........................ R.99
Chile. Birds ................................. P.312
China. Ceramic art in ...................... R.118
Ethnology .................................... R.74
Fishes from the Pei-Ho River ........................ P.1221
Chinese games with dice and dominoes ................ R.74
Chinese porcelain, catalogue of the Hip-pisley collection of .......... R.25
relics in Alaska ............................. P.899
Chittenden, F. H ............................ P.1041
Cinchna barks in National Museum ................ P.582
Cincinnati Exposition, exhibit of gems and precious stones .......................... C.26
exhibit of graphic arts ........................ C.37
exhibit of mammals .......................... C.41
exhibit of oriental antiquities ................... C.39
exhibit of prehistoric anthropology ................ C.40
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collins, G. N. (coauthor)</td>
<td></td>
</tr>
<tr>
<td>Clarion Island. Botany</td>
<td>801</td>
</tr>
<tr>
<td>Clarke, A. Howard</td>
<td>809</td>
</tr>
<tr>
<td>Clark, Hubert Lyman</td>
<td>102</td>
</tr>
<tr>
<td>Clarke, F. W. (coauthor)</td>
<td>R.10</td>
</tr>
<tr>
<td>Classification for World's Columbian Exposition, draft of system of</td>
<td></td>
</tr>
<tr>
<td>Coast Indians of southern Alaska and northern British Columbia</td>
<td>24</td>
</tr>
<tr>
<td>Cockereil, T. D. A.</td>
<td>126</td>
</tr>
<tr>
<td>Coelenterates. Actinia collected by “Albatross,” 1887-88</td>
<td>939</td>
</tr>
<tr>
<td>Cnidaria: Sea nettles, urticating organs of</td>
<td>1097</td>
</tr>
<tr>
<td>Corals, Madrepora, catalogue of the</td>
<td>604</td>
</tr>
<tr>
<td>Porites, catalogue of</td>
<td>635</td>
</tr>
<tr>
<td>Symbae, catalogue of</td>
<td>635</td>
</tr>
<tr>
<td>turbinoid, Japan</td>
<td>1191</td>
</tr>
<tr>
<td>Meduse, Caribbean Sea and Gulf of Mexico</td>
<td>528</td>
</tr>
<tr>
<td>Meduse, stalked. Haliclystus stejnegeri</td>
<td>1188</td>
</tr>
<tr>
<td>Polyps, Japanese</td>
<td>346</td>
</tr>
<tr>
<td>Radiolips pleurocrisatus</td>
<td>346</td>
</tr>
<tr>
<td>Collins, Frank</td>
<td>B.39</td>
</tr>
<tr>
<td>Collins, G. N. (coauthor)</td>
<td>837</td>
</tr>
<tr>
<td>Collins, Joseph W</td>
<td>R.27</td>
</tr>
<tr>
<td>Colombia. Fishes</td>
<td>770</td>
</tr>
<tr>
<td>Colorado. Fishes</td>
<td>789</td>
</tr>
<tr>
<td>Columbiia River. Fishes</td>
<td>137</td>
</tr>
<tr>
<td>Commander Islands. Birds</td>
<td>345</td>
</tr>
<tr>
<td>Botany. P.462, P.463, P.629</td>
<td></td>
</tr>
<tr>
<td>Entomostraca. P.621</td>
<td></td>
</tr>
<tr>
<td>Mollusks. P.442</td>
<td></td>
</tr>
<tr>
<td>Ornithological explorations in</td>
<td>B.29</td>
</tr>
<tr>
<td>Commander Islands, natural history of:</td>
<td></td>
</tr>
<tr>
<td>(1) General natural history, with descriptions of new cetaceans</td>
<td>341</td>
</tr>
<tr>
<td>(2) Steller’s sea-cow</td>
<td>421</td>
</tr>
<tr>
<td>(3) Mollusks</td>
<td>442</td>
</tr>
<tr>
<td>(4) A Plants</td>
<td>462</td>
</tr>
<tr>
<td>(4) B Plants</td>
<td>465</td>
</tr>
<tr>
<td>(5) Mesoplodon</td>
<td>546</td>
</tr>
<tr>
<td>(6) Mollusks</td>
<td>562</td>
</tr>
<tr>
<td>(7) Birds,</td>
<td>614</td>
</tr>
<tr>
<td>(8) Plants</td>
<td>620</td>
</tr>
<tr>
<td>(9) Crustaceans</td>
<td>621</td>
</tr>
<tr>
<td>Commander Islands, natural history of—</td>
<td></td>
</tr>
<tr>
<td>Continued.</td>
<td></td>
</tr>
<tr>
<td>(10) Pallas’ coromoral</td>
<td>765</td>
</tr>
<tr>
<td>(11) Pallas’ coromoral</td>
<td>1095</td>
</tr>
<tr>
<td>(12) Fishes</td>
<td>1106</td>
</tr>
<tr>
<td>(13) Mollusks</td>
<td>1188</td>
</tr>
<tr>
<td>Congo Free State. Blind snake</td>
<td>969</td>
</tr>
<tr>
<td>Congo. Myriapods</td>
<td>1065</td>
</tr>
<tr>
<td>Contributions to the Museum, acknowledgment of</td>
<td></td>
</tr>
<tr>
<td>Commander Islands, natural history of—</td>
<td></td>
</tr>
<tr>
<td>Cont....</td>
<td></td>
</tr>
<tr>
<td>(10) Pallas’ coromoral</td>
<td>765</td>
</tr>
<tr>
<td>(11) Pallas’ coromoral</td>
<td>1095</td>
</tr>
<tr>
<td>(12) Fishes</td>
<td>1106</td>
</tr>
<tr>
<td>(13) Mollusks</td>
<td>1188</td>
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<tr>
<td>Congo Free State. Blind snake</td>
<td>969</td>
</tr>
<tr>
<td>Congo. Myriapods</td>
<td>1065</td>
</tr>
<tr>
<td>Contributions to the Museum, acknowledgment of</td>
<td></td>
</tr>
<tr>
<td>Commander Islands, natural history of—</td>
<td></td>
</tr>
<tr>
<td>Continued.</td>
<td></td>
</tr>
<tr>
<td>(10) Pallas’ coromoral</td>
<td>765</td>
</tr>
<tr>
<td>(11) Pallas’ coromoral</td>
<td>1095</td>
</tr>
<tr>
<td>(12) Fishes</td>
<td>1106</td>
</tr>
<tr>
<td>(13) Mollusks</td>
<td>1188</td>
</tr>
<tr>
<td>Congo Free State. Blind snake</td>
<td>969</td>
</tr>
<tr>
<td>Congo. Myriapods</td>
<td>1065</td>
</tr>
<tr>
<td>Contributions to the Museum, acknowledgment of</td>
<td></td>
</tr>
<tr>
<td>Commander Islands, natural history of—</td>
<td></td>
</tr>
<tr>
<td>Continued.</td>
<td></td>
</tr>
<tr>
<td>(10) Pallas’ coromoral</td>
<td>765</td>
</tr>
<tr>
<td>(11) Pallas’ coromoral</td>
<td>1095</td>
</tr>
<tr>
<td>(12) Fishes</td>
<td>1106</td>
</tr>
<tr>
<td>(13) Mollusks</td>
<td>1188</td>
</tr>
<tr>
<td>Congo Free State. Blind snake</td>
<td>969</td>
</tr>
<tr>
<td>Congo. Myriapods</td>
<td>1065</td>
</tr>
<tr>
<td>Contributions to the Museum, acknowledgment of</td>
<td></td>
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<tr>
<td>Commander Islands, natural history of—</td>
<td></td>
</tr>
<tr>
<td>Continued.</td>
<td></td>
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<tr>
<td>(10) Pallas’ coromoral</td>
<td>765</td>
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<td>(11) Pallas’ coromoral</td>
<td>1095</td>
</tr>
<tr>
<td>(12) Fishes</td>
<td>1106</td>
</tr>
<tr>
<td>(13) Mollusks</td>
<td>1188</td>
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<td>Congo Free State. Blind snake</td>
<td>969</td>
</tr>
<tr>
<td>Congo. Myriapods</td>
<td>1065</td>
</tr>
<tr>
<td>Contributions to the Museum, acknowledgment of</td>
<td></td>
</tr>
<tr>
<td>Commander Islands, natural history of—</td>
<td></td>
</tr>
<tr>
<td>Continued.</td>
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<tr>
<td>(10) Pallas’ coromoral</td>
<td>765</td>
</tr>
<tr>
<td>(11) Pallas’ coromoral</td>
<td>1095</td>
</tr>
<tr>
<td>(12) Fishes</td>
<td>1106</td>
</tr>
<tr>
<td>(13) Mollusks</td>
<td>1188</td>
</tr>
<tr>
<td>Congo Free State. Blind snake</td>
<td>969</td>
</tr>
<tr>
<td>Congo. Myriapods</td>
<td>1065</td>
</tr>
<tr>
<td>Contributions to the Museum, acknowledgment of</td>
<td></td>
</tr>
<tr>
<td>Commander Islands, natural history of—</td>
<td></td>
</tr>
<tr>
<td>Continued.</td>
<td></td>
</tr>
<tr>
<td>(10) Pallas’ coromoral</td>
<td>765</td>
</tr>
<tr>
<td>(11) Pallas’ coromoral</td>
<td>1095</td>
</tr>
<tr>
<td>(12) Fishes</td>
<td>1106</td>
</tr>
<tr>
<td>(13) Mollusks</td>
<td>1188</td>
</tr>
<tr>
<td>Congo Free State. Blind snake</td>
<td>969</td>
</tr>
<tr>
<td>Congo. Myriapods</td>
<td>1065</td>
</tr>
<tr>
<td>Contributions to the Museum, acknowledgment of</td>
<td></td>
</tr>
<tr>
<td>Commander Islands, natural history of—</td>
<td></td>
</tr>
<tr>
<td>Continued.</td>
<td></td>
</tr>
<tr>
<td>(10) Pallas’ coromoral</td>
<td>765</td>
</tr>
<tr>
<td>(11) Pallas’ coromoral</td>
<td>1095</td>
</tr>
<tr>
<td>(12) Fishes</td>
<td>1106</td>
</tr>
<tr>
<td>(13) Mollusks</td>
<td>1188</td>
</tr>
<tr>
<td>Congo Free State. Blind snake</td>
<td>969</td>
</tr>
<tr>
<td>Congo. Myriapods</td>
<td>1065</td>
</tr>
<tr>
<td>Title</td>
<td>Page</td>
</tr>
<tr>
<td>-------</td>
<td>------</td>
</tr>
<tr>
<td>Crustaceans. Anomurans, U. S. Fish Commission, dredged by</td>
<td>P. 343</td>
</tr>
<tr>
<td>Antillean region</td>
<td>P. 986</td>
</tr>
<tr>
<td>Astacide, list of notes on observations on</td>
<td>P. 785</td>
</tr>
<tr>
<td>Brachyurans, U. S. Fish Commission, dredged by</td>
<td>P. 343</td>
</tr>
<tr>
<td>Callinectes</td>
<td>P. 1070</td>
</tr>
<tr>
<td>Cambarus pellucidus testii</td>
<td>P. 1136</td>
</tr>
<tr>
<td>Cambarus pilosus and C. clypeatus described</td>
<td>P. 1187</td>
</tr>
<tr>
<td>Chelura terebrans</td>
<td>P. 83</td>
</tr>
<tr>
<td>Copepods (parasitic)</td>
<td>P. 454, P. 572, P. 664</td>
</tr>
<tr>
<td>Corystoid crabs (Telmessus and Erimacrus)</td>
<td>P. 900</td>
</tr>
<tr>
<td>Decapods, Africa (West) dredged by U. S. Fish Commission</td>
<td>P. 455</td>
</tr>
<tr>
<td>Entomostraca of Commander Islands</td>
<td>P. 621</td>
</tr>
<tr>
<td>Erimacrus</td>
<td>P. 900</td>
</tr>
<tr>
<td>Eryontidae, new species</td>
<td>P. 99</td>
</tr>
<tr>
<td>Eupagurus, description of 37 new species of</td>
<td>P. 887</td>
</tr>
<tr>
<td>Fresh-water crabs from Costa Rica</td>
<td>P. 1071</td>
</tr>
<tr>
<td>Hermit crabs, Pagurus bernhardus type</td>
<td>P. 1216</td>
</tr>
<tr>
<td>Homarus and Nephrops, new species allied to</td>
<td>P. 507</td>
</tr>
<tr>
<td>Idotea japonica described</td>
<td>P. 1189</td>
</tr>
<tr>
<td>Inachides</td>
<td>P. 984</td>
</tr>
<tr>
<td>Indian Ocean</td>
<td>P. 979</td>
</tr>
<tr>
<td>Indiana, blind crayfishes of Isopods, Atlantic coast</td>
<td>P. 1222</td>
</tr>
<tr>
<td>Japan</td>
<td>P. 1189</td>
</tr>
<tr>
<td>New England</td>
<td>P. 75</td>
</tr>
<tr>
<td>Pacific coast</td>
<td>P. 1175</td>
</tr>
<tr>
<td>Subterranean new species of</td>
<td>P. 1176</td>
</tr>
<tr>
<td>Labrador</td>
<td>P. 375</td>
</tr>
<tr>
<td>dredged in 1882</td>
<td>P. 374</td>
</tr>
<tr>
<td>Lithodide, descriptions of new genera and species</td>
<td>P. 1016</td>
</tr>
<tr>
<td>London Fisheries Exhibition</td>
<td>P. 27 (b)</td>
</tr>
<tr>
<td>Malide, catalogue of</td>
<td>P. 927</td>
</tr>
<tr>
<td>New England, 1890</td>
<td>P. 172</td>
</tr>
<tr>
<td>New Mexico, 1890</td>
<td>P. 1128</td>
</tr>
<tr>
<td>Pagurus bernhardus</td>
<td>P. 1216</td>
</tr>
<tr>
<td>Panopeus</td>
<td>P. 858</td>
</tr>
<tr>
<td>Penaeidae, catalogue of the</td>
<td>P. 901</td>
</tr>
<tr>
<td>Crustaceans. Penaeidae, on some genera of Phronimidae collected by the North Pacific Exploring Expedition</td>
<td>P. 258</td>
</tr>
<tr>
<td>Point Barrow Expedition</td>
<td>P. 459</td>
</tr>
<tr>
<td>Polycheles sculptus (n. sp.)</td>
<td>P. 99</td>
</tr>
<tr>
<td>Pseudothelphusiae</td>
<td>P. 1158</td>
</tr>
<tr>
<td>San Marcos, from artesian well at</td>
<td>P. 1087</td>
</tr>
<tr>
<td>Siphonostoma, list of</td>
<td>P. 454</td>
</tr>
<tr>
<td>Sphaeroma thermophilum (n. sp.)</td>
<td>P. 1128</td>
</tr>
<tr>
<td>Stomatopod, report on</td>
<td>P. 1017</td>
</tr>
<tr>
<td>Telemessus</td>
<td>P. 900</td>
</tr>
<tr>
<td>Texas</td>
<td>P. 1087</td>
</tr>
<tr>
<td>Voices of Crustaceans</td>
<td>P. 6</td>
</tr>
<tr>
<td>West India region</td>
<td>P. 1236</td>
</tr>
<tr>
<td>Wilmesia group (Eryontidae)</td>
<td>P. 99</td>
</tr>
<tr>
<td>Worms, sponges, etc., London Fisheries Exhibition</td>
<td>B. 27</td>
</tr>
<tr>
<td>Cuba. Fishes</td>
<td>P. 414, P. 516</td>
</tr>
<tr>
<td>Havana</td>
<td>P. 591</td>
</tr>
<tr>
<td>Molliusks</td>
<td>P. 790</td>
</tr>
<tr>
<td>Myriapods</td>
<td>P. 720</td>
</tr>
<tr>
<td>Culin, Stewart</td>
<td>R. 74, R. 84, R. 99</td>
</tr>
<tr>
<td>Currie, Rolla P.</td>
<td>P. 1294</td>
</tr>
<tr>
<td>[Currie, Rolla P.]</td>
<td>P. 1182</td>
</tr>
<tr>
<td>[Curtiss, A. H.]</td>
<td>P. 105</td>
</tr>
</tbody>
</table>

D.

Dakota. Fossil Dinosaur | P. 1224 |
| Fossils (lower cretaceous) | P. 1224 |
| Dall, William H. (coauthor) | P. 556, P. 1110 |
| De Kay, Charles | R. 43 |
| Delaware Bay, Diatomaceae from | P. 937 |
| Delphinide, review of the family | B. 36 |
| Department of Agriculture, shells received from | P. 971 |
| Development of the American rail and track | R. 41 |
| Dewey, Frederic P. | P. 687, B. 42, C. 31 |
| Diatomaceae dredged by U. S. Fish Commission of Delaware Bay | P. 937 |
| Dinosaur, lower cretaceous, South Dakota | P. 1224 |
| Directions for anatomical preparations, preservation of | P. 12 |
| collecting and preparing fossils | B. 39 (k) |
| collecting and preserving fish | P. 224 |
| collecting and preserving fresh-water algae | B. 39 (b) |
| collecting and preserving insects | B. 39 (r) |
| collecting and preserving scale insects (Coccide) | B. 39 (l) |
INDEX TO TITLES.

143

Directions for collecting and rearing
dragon flies, stone flies,
and May flies: ... B.39 (o)
collecting birds: 22.3 ----- B.39 (A)
minerals: .... B.39 (H)
collecting, preparing, and
preserving birds' eggs
ANGMESts se. 2 < sense = B.39 (D)
collecting, preserving, and
transporting tortricids
and other small moths ... 27
collecting recent and fos-
RulGl ants enemies ate B.39 (B)
collecting reptiles and ba-
UIBNCI NUE NS Re aree co sease B. 39 (2)
collecting rocks and for
preparation of thin sec-
TOUS Sarees eo aeons B.39 (1)
collecting specimens and
information illustrating
the aboriginal uses of
planiigle seen ease sc B.39 (J)
mound exploration ....--- C. 28
preparing rough skeletons. C.33
study specimens
of small mam-
MPgsi-eseses B.39 (N)
preserving remains of mas-
todon and mammoth....  -€.48
removing and preserving
mammal skins.........-- C. 22
taking paper molds, etc... C.23

District of Columbia. Birds ...... P. 806, B. 26
Crystalline schists P.363
Geology ...... P.363.
P.410, P. 523
Paleolithic period P. 777
Stone implements P. 810

Dominica. Birds ......... P. 19, P.103, P.142
Donaldson, Thomas R.8
[Dow, John M.] .......... P. 292
[Drake, Noah Fields] ... 1221
Drese], H. G., U. S. N ... P. 481, P.464
Drese], H. G. U. S. N. (coauthor) ... P.418

E.

Early West Virginia pottery ........ R.113
Easter Island R.37, R.105
Echinini, Caribbean Sea .......... P. 491
collected by U. S. Fish Commiss-
ion............. P. 491
in National Museum, catalogue
of (1886) .......... P. 569
Mexico, Gulf of .... P. 491, P.544
Echinoderms, Crinoids, stalked, from Gulf
of Mexico and Caribbean
Sea............. P. 547
Labrador, dredged, 1882 ... P. 377
London Fisheries Exhibi-
tion............. B.27 (B)
northeastern coast ... P.76,
P.168, P. 554
Startishes (Helianthus) .... P. 646
Startishes and ophiurans,
description of........ P.1000

Ecuador. Birds. ............. R.663
Edwards, Charles L. (coauthor) .. P. 566
[Edwards, Charles L.] .... P.732
Edwards, Henry .......... B.35
Edwards, Vidal N. .... B.42
Eggers, H. .......... P.724
Eggers, H. F. A. .... B.13
Egleston, T. .... B.33
Eichhoff, William .... P.1085
Eigenmann, Carl H. .... P.613,
P.917, P. 897, P. 925
Eigenmann, Carl H. (coauthor) ........ P. 484,
P.587, P.608, P.627,
P.742, P.842, P.1009
Eigenmann, Rosa S. (coauthor) ... P.742, P. 842

Embryology. Fin-rays of fishes, develop-
ment of P. 553
Salmon, development of. ... P. 502
Viviparous osseous fishes,
development of .......... P. 501

[Encyrtins with branched antenna .....-. P.905
Entlebuch, Fred. M. ...... P.169; P. 291
Exkino-bow's study of P.22
(See also under "Prepara-
tion," Preservation, and
Taxidermy.)

Ethnology. (See under Anthropology.)
Europe: Meindstssee--- + sec a. P. 270, P. 686, P. 695
Evermann, Barton W. (coauthor) .. P.586,
P. 681, P. 698, P. 780, P. 791, P.846, P.1043, B. 47
Expositions. Berlin Exhibition, 1880, ex-
hibit of fisheries and fish culture... B.18
Chicago, 1893, participation of Na-
tional Museum in World's Colum-
bian Exposition .......... R.72
Cincinnati Industrial Exposition,
1884. .......... R. 9
Cincinnati, 1888, report on the partici-
pation of the Smith-
sonian Institution
and National Mu-
seum .......... R.33

Exposition, preliminary catalogue --- R.1
collection, preliminary catalogue
ethnology of the ... R.90
graphic art of the .... R.90
harpoon, Greenland .... P. 702
strike-a-light .......... P. 705
woman's knife (Ulu) .... R.48

Establishment and officers of National
Museum, 1882........ C.5

Drugs and medicines, classification of
forms of ....... C. 7
Dugès, A. ........... P. 278, P. 678
[Dugès, Prof. A.] ...... P. 94, P.95, P.637, P. 903
Dyar, Harrison G. .... P.1299
Dyar, Harrison G. (coauthor) ... P.1140

Earle, R. Edward .......... R. 9, B.27
Earle, Arthur S ............ P.1148

E.

Edwards, Charles L. (coauthor) .... P.586,
P. 681, P. 698, P. 780, P. 791, P.846, P.1043, B. 47
Expositions. Berlin Exhibition, 1880, ex-
hibit of fisheries and fish culture... B.18
Chicago, 1893, participation of Na-
tional Museum in World's Colum-
bian Exposition .......... R.72
Cincinnati Industrial Exposition,
1884. .......... R. 9
Cincinnati, 1888, report on the partici-
pation of the Smith-
sonian Institution
and National Mu-
seum .......... R.33

1See also under Rosa Smith.
Expositions—Continued.

Cincinnati, 1888, collection illustrating the families of mammals C.41
exhibit of department of prehistoric anthropology C.40
exhibit of department of transportation and engineering C.38
exhibit of section of graphic arts C.37
exhibit of section of oriental antiquities C.36

London Fisheries Exhibition, 1883, catalogue of collections B.27
Louisville, Southern Exposition, 1884 R.9
Madrid, 1892, report on Columbian B.28
Marietta, 1888, report on the participation of the Smithsonian Institution R.33
Minneapolis, 1887, report on the participation of the Smithsonian Institution R.23
New Orleans, 1884, collection illustrating textile industries of United States C.24
collection of building and ornamental stones and rocks of United States C.25
collection of gems and precious stones C.26
collection of mammals C.29
report on Smithsonian exhibit R.9
sketch of Smithsonian Institution exhibit R.7

Paris, 1889, anthropology R.54
Philadelphia Centennial Exposition, 1876, catalogue of collection illustrating animal resources and fisheries of the United States B.14
World's Columbian Exposition, system of classification R.62
Extermination, animals recently extinct or threatened with R.40
Extinct animals R.40

F.

Fanning Islands, natural history of Hawaiiand B.7
Farlow, W. G. P.222
Farrington, Oliver C. P.981
Faxon, Walter P.525, P.785, P.1136
Fernald, C. H. C.27
Ferrari-Pérez, Fernando P.559
Fewkes, J. Walter P.528
Finches, North and Middle America B.50 (1)
INDEX TO TITLES.

Fishes. Bathymaster jordani (n.sp.), P. 753
Bdellostoma or Heptatremus, proper name of, P. 1234
Bdellostomide, P. 309
Belone exilis, generic relations of, P. 174
latimamussa este., as, P. 5
Benthodesmus, n. g., P. 241
Bering Island, P. 1106
Bermudas, P. 23, P. 58
catalogue of fishes, B. 5
Bibliography (partial) of fishes of Pacific coast and Alaska, 1880, P. 233
Bleekeria gilli (n.sp.), P. 1028
Blennoid fish, California, P. 967
Blenny, new species from Santa Barbara, P. 288
Blue-fish, on the proper name of, P. 322
Bothus, synonymy of the genus, P. 325
Brachyopsis verrucosus, n.sp., P. 122
xyosternus, n.sp., P. 135
Brazil, list of fishes from Bahia, P. 829
Brevoortia patronus, P. 25
Brevoortia, revision of, P. 575
Brivis; Columbia, P. 235, P. 387, P. 682, P. 787, P. 938
Brotulidae, P. 362, 5/2
Calamus proridens, n.sp., P. 417
review of species of, P. 401
chiroid fish, new, from Monterey Bay, P. 140
Kern River, P. 916
new agonid fish, P. 135
new deep-water fish, P. 154
new embiotocoid fish, P. 163,
new flatfish, P. 158
new flounder, P. 117,
P. 136, P. 152
new genera and species, P. 97
new genus and species, P. 123
new gobiod fish, P. 187
new Hemirhamphus, P. 164
new rockfish, P. 176
new Scopeloid fishes, P. 146
new Scorpaenoid fish, P. 157,
P. 161
new Sebastoid fishes, P. 150
new shark, P. 269
new species, P. 125, P. 126,
P. 129, P. 130, P. 132, P. 296
new species of Agonides, P. 122
new species of Centropomides, P. 133
Fishes. California, new species of Go-
biesox, P. 298
new species of Pro-
notus, P. 182
new species of Pty-
chochilus, P. 193
new species of ray, P. 141
sharks from coast of, P. 118
California, Gulf of, P. 880
new species, P. 227,
P. 698
California, Lower, P. 293, P. 376, P. 469
Conodon ser-
rifer, P. 289
new sparoid fish, P. 149
new species, P. 227,
P. 290
new species of
Rhinoptera, P. 563
Callionymus bairdi, n.sp., P. 692
Candle-fish of Northwest coast, P. 143
Cape Charles City, Va., P. 843
Carangidae, P. 304
Carangine, review of the, P. 367
Caraux bartholomaei, P. 403
Caranx beani, n.sp., P. 178
Caraux ruber, P. 405
Carcharias lamiaella, n.sp., P. 269
Cardinal fishes of Japan, P. 1240
Catalogue of fishes sent to Lon-
don Fisheries Exhibition, B. 27
Catesby’s Natural History of Car-
olina, Florida, and the Bahama Islands, P. 422
Cathetostoma albomarginata, n.sp., P. 596
Catostomidae, identification of, P. 500
synopsis of, B. 12
Caulolatilus microps, P. 16, P. 517
Caulolepis longidens, P. 1101
Central America, P. 925
Xenichthys
(n.sp.), P. 252
Centrarchidae, P. 197, B. 10
Centropomide, P. 302
Cephalotheus of Rafinesque, P. 1054
Cephaloscyllium laticeps on coast of California, P. 110
Ceratide, P. 33
Cetomimide, bathybiul fishes, P. 1012
Chetodon aya (n.sp.), P. 565
Char, supposed new species of, P. 671
Characinioid and erythrinoid fishes, differential characters of, P. 1056
Characinioid fishes with ctenoid scales, P. 1055
Characini, notes on, P. 1058
Check-list of duplicates distrib-
uted, P. 127, P. 185
Chesapeake Bay, P. 589
Apogon (n.sp.), P. 211
Chilomycterus, P. 917
Chimaeroid fish, new type of, P. 1014
China, P. 1221
Chirius, remarks on species of, P. 120
Chloroscombrus orqueta, n.sp., P. 534
Chonerhinus, note on, P. 884

8879—No. 51—02—10
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chthamalus, n. g.</td>
<td>P. 297</td>
</tr>
<tr>
<td>Citharichthys macrops, n. sp.</td>
<td>P. 464</td>
</tr>
<tr>
<td>stigmatus, n. sp.</td>
<td>P. 296</td>
</tr>
<tr>
<td>Collecting and preserving</td>
<td>P. 224</td>
</tr>
<tr>
<td>Colombina, 1887-88</td>
<td>P. 770</td>
</tr>
<tr>
<td>Colorado</td>
<td>P. 780, P. 1131</td>
</tr>
<tr>
<td>Columbia River, Salmonidae of.</td>
<td>P. 196</td>
</tr>
<tr>
<td>Conodon serrifer, n. sp.</td>
<td>P. 289</td>
</tr>
<tr>
<td>Copper Island</td>
<td>P. 1106</td>
</tr>
<tr>
<td>Coregonus hoyi (smelt)</td>
<td>P. 340</td>
</tr>
<tr>
<td>melsonii, n. sp.</td>
<td>P. 340</td>
</tr>
<tr>
<td>pusillus (n. sp.)</td>
<td>P. 748</td>
</tr>
<tr>
<td>Coryphena hippurus</td>
<td>P. 517, P. 548</td>
</tr>
<tr>
<td>Cottidae, Etheostomatida, Percidae, Centracanthidae, Aphododeridae, Dorysomatidae, and Cypripinidae, notes on</td>
<td>B. 10</td>
</tr>
<tr>
<td>Cottidae, new genus and species of</td>
<td>P. 209</td>
</tr>
<tr>
<td>Cottus bahalis</td>
<td>P. 565</td>
</tr>
<tr>
<td>maculatus</td>
<td>P. 565</td>
</tr>
<tr>
<td>Cousius greeni (n. sp.)</td>
<td>P. 968</td>
</tr>
<tr>
<td>Crab-eater, Hudson Valley</td>
<td>P. 811</td>
</tr>
<tr>
<td>Craig flounder</td>
<td>P. 10</td>
</tr>
<tr>
<td>Cremnobates integripinnis, n. sp.</td>
<td>P. 133</td>
</tr>
<tr>
<td>Cremnobates integripinnis, life colors of</td>
<td>P. 372</td>
</tr>
<tr>
<td>Crossorhins</td>
<td>P. 1067</td>
</tr>
<tr>
<td>Cuba</td>
<td>P. 516, P. 551</td>
</tr>
<tr>
<td>Cuvier and Valenciennes, fishes described by</td>
<td>P. 314</td>
</tr>
<tr>
<td>Cybium</td>
<td>P. 314</td>
</tr>
<tr>
<td>Cyclopetta chittendeni (n. sp.)</td>
<td>P. 1030</td>
</tr>
<tr>
<td>Cyclopteroidea, the relations of</td>
<td>P. 634</td>
</tr>
<tr>
<td>Cymatogaster rosaceus n. sp.</td>
<td>P. 153</td>
</tr>
<tr>
<td>Cyprinidae, identification of</td>
<td>P. 500</td>
</tr>
<tr>
<td>new species of</td>
<td>P. 450</td>
</tr>
<tr>
<td>on the genera of</td>
<td>B. 10</td>
</tr>
<tr>
<td>Cyprinodontidae, nomenclature of</td>
<td>P. 159, P. 991</td>
</tr>
<tr>
<td>Dacentrus, note on</td>
<td>P. 160</td>
</tr>
<tr>
<td>Deep-sea and pelagic fishes</td>
<td>Sp. B. 2</td>
</tr>
<tr>
<td>Delolepis (n. g. and n. sp.)</td>
<td>P. 255</td>
</tr>
<tr>
<td>Destruction of</td>
<td>P. 200, P. 203</td>
</tr>
<tr>
<td>Dinolestes lewini</td>
<td>P. 1186</td>
</tr>
<tr>
<td>Diploidus, review of</td>
<td>P. 688</td>
</tr>
<tr>
<td>Dipteryon</td>
<td>P. 684</td>
</tr>
<tr>
<td>Directions for collecting and preserving</td>
<td>P. 224</td>
</tr>
<tr>
<td>Ditrema atripes (n. sp.)</td>
<td>P. 156</td>
</tr>
<tr>
<td>Doryosoma cepedianum heterum</td>
<td>P. 43</td>
</tr>
<tr>
<td>Dorysomatidae</td>
<td>B. 10</td>
</tr>
<tr>
<td>Echeneids, n. sp.</td>
<td>P. 329</td>
</tr>
<tr>
<td>Eels, diagnoses of new genera genital of</td>
<td>P. 381</td>
</tr>
<tr>
<td>Elacate canada (crab-eater)</td>
<td>P. 811</td>
</tr>
<tr>
<td>Elacatis</td>
<td>P. 668</td>
</tr>
<tr>
<td>Elinaeus of Fisher</td>
<td>P. 555</td>
</tr>
<tr>
<td>Ephippids</td>
<td>P. 318</td>
</tr>
<tr>
<td>Epinephelus and related genera, American species</td>
<td>P. 447</td>
</tr>
<tr>
<td>of</td>
<td>P. 23</td>
</tr>
<tr>
<td>nigritus. P. 26, P. 541, P. 517</td>
<td></td>
</tr>
<tr>
<td>Fishes. Ethostoma micropterus (n. sp.)</td>
<td>P. 823</td>
</tr>
<tr>
<td>tippecaneo (n. sp.)</td>
<td>P. 791</td>
</tr>
<tr>
<td>variatum</td>
<td>P. 563</td>
</tr>
<tr>
<td>Ethostomatida</td>
<td>B. 10</td>
</tr>
<tr>
<td>Ethostomoids, descriptions of</td>
<td>P. 607</td>
</tr>
<tr>
<td>Enchalarus putamini</td>
<td>P. 49</td>
</tr>
<tr>
<td>Eunichthys of northwest coast</td>
<td>P. 143</td>
</tr>
<tr>
<td>European fishes in National Museum, list of</td>
<td>P. 63</td>
</tr>
<tr>
<td>Eurypharyngidae, anatomy and relations of the</td>
<td>P. 382</td>
</tr>
<tr>
<td>Exocoetus, review of American species</td>
<td>P. 483</td>
</tr>
<tr>
<td>volador (n. sp.)</td>
<td>P. 404</td>
</tr>
<tr>
<td>Experiments on animal heat of fishes</td>
<td>P. 96</td>
</tr>
<tr>
<td>Extratropical North America, pelagic fishes of</td>
<td>P. 34</td>
</tr>
<tr>
<td>Felichthys, note on</td>
<td>P. 832</td>
</tr>
<tr>
<td>Fin-rays, development of</td>
<td>P. 553</td>
</tr>
<tr>
<td>new species from</td>
<td>P. 282, P. 355, P. 402, P. 404, P. 464, P. 465</td>
</tr>
<tr>
<td>new species of Ophichthys</td>
<td>P. 613</td>
</tr>
<tr>
<td>notes on fishes from</td>
<td>P. 537</td>
</tr>
<tr>
<td>pipe-fishes of Key West</td>
<td>P. 438</td>
</tr>
<tr>
<td>St. Johns River, notes on</td>
<td>P. 165</td>
</tr>
<tr>
<td>Searoid fishes from</td>
<td>P. 414</td>
</tr>
<tr>
<td>Flounder, diagnoses of undescribed genera of</td>
<td>P. 165</td>
</tr>
<tr>
<td>new species of</td>
<td>P. 117, P. 136, P. 152, P. 464</td>
</tr>
<tr>
<td>Puget Sound, new species from</td>
<td>P. 147</td>
</tr>
<tr>
<td>Flying fishes, review of the</td>
<td>P. 483</td>
</tr>
<tr>
<td>Frigate mackerel on New England coast</td>
<td>P. 183</td>
</tr>
<tr>
<td>Gadus cimbrius</td>
<td>P. 90</td>
</tr>
<tr>
<td>Galapagos Islands, 1887-88</td>
<td>P. 770</td>
</tr>
<tr>
<td>list of fishes</td>
<td>P. 810</td>
</tr>
<tr>
<td>Mugunoid eel from                                                P. 369</td>
<td></td>
</tr>
<tr>
<td>Galeorhinus galeus</td>
<td>P. 111</td>
</tr>
<tr>
<td>Gasterosteus atkinson</td>
<td>P. 71</td>
</tr>
<tr>
<td>g l a d i u n c u l u s (n. sp.)                                    P. 1089</td>
<td></td>
</tr>
<tr>
<td>williamsoni</td>
<td>P. 373</td>
</tr>
<tr>
<td>Gastropsetta frontalis (n. sp.)                                   P. 3090</td>
<td></td>
</tr>
<tr>
<td>Georgia                                                          P. 38</td>
<td></td>
</tr>
<tr>
<td>eastern, notes on fishes                                          P. 59</td>
<td></td>
</tr>
<tr>
<td>new species from                                                  P. 453</td>
<td></td>
</tr>
<tr>
<td>Gillichthys y-cauda, San Diego, Cal                               P. 774</td>
<td></td>
</tr>
<tr>
<td>Glyptocephalus eynglossus                                         P. 10</td>
<td></td>
</tr>
<tr>
<td>Gnathacanthurus, note on                                          P. 885</td>
<td></td>
</tr>
<tr>
<td>Gnathyphops mystacinus (n. sp.)                                   P. 494</td>
<td></td>
</tr>
<tr>
<td>Gobiesox rhossodon (n. sp.)                                       P. 298</td>
<td></td>
</tr>
<tr>
<td>Gobidiae, North American                                          P. 587</td>
<td></td>
</tr>
<tr>
<td>Gobioidei brunsonetti                                            P. 1029</td>
<td></td>
</tr>
<tr>
<td>Gobiomorus                                                       P. 685</td>
<td></td>
</tr>
<tr>
<td>Gobiosoma histrio (n. sp.)                                       P. 433</td>
<td></td>
</tr>
<tr>
<td>ios (n. sp.)                                                      P. 298</td>
<td></td>
</tr>
<tr>
<td>INDEX TO TITLES</td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td>---</td>
</tr>
<tr>
<td><strong>Fishes. Gramma loreto</strong></td>
<td>P. 669</td>
</tr>
<tr>
<td><strong>Grand banks of Newfoundland</strong></td>
<td>P. 78</td>
</tr>
<tr>
<td><strong>Great dolphin, note on the</strong></td>
<td>P. 548</td>
</tr>
<tr>
<td><strong>Great Lake trout</strong></td>
<td>P. 682</td>
</tr>
<tr>
<td><strong>Greenland</strong>*</td>
<td>P. 431</td>
</tr>
<tr>
<td><strong>Green Turtle Cay</strong>*</td>
<td>P. 752</td>
</tr>
<tr>
<td><strong>Gulf menhaden</strong></td>
<td>P. 25</td>
</tr>
<tr>
<td><strong>Gunnels or proper name of butter-fishes.</strong></td>
<td>P. 1048</td>
</tr>
<tr>
<td><strong>Hadropoterus aurantiacus</strong></td>
<td>P. 504</td>
</tr>
<tr>
<td><strong>Hæmusun, review of species of</strong></td>
<td>P. 436</td>
</tr>
<tr>
<td><strong>Hake, new species from South Carolina.</strong></td>
<td>P. 124</td>
</tr>
<tr>
<td><strong>Haloporphyrus viola</strong></td>
<td>P. 104</td>
</tr>
<tr>
<td><strong>Hemirhamphus rose (n.sp.)</strong></td>
<td>P. 1234</td>
</tr>
<tr>
<td><strong>Hemirhamphus rose (n.sp.)</strong></td>
<td>P. 114</td>
</tr>
<tr>
<td><strong>Heptatrema, proper name of</strong></td>
<td>P. 1233</td>
</tr>
<tr>
<td><strong>Hermaphrodite</strong></td>
<td>P. 431</td>
</tr>
<tr>
<td><strong>Hesperoideum, note on</strong></td>
<td>P. 1232</td>
</tr>
<tr>
<td><strong>Hippocampid fishes</strong></td>
<td>P. 1230</td>
</tr>
<tr>
<td><strong>Hippocampus antiquorum</strong></td>
<td>P. 1228</td>
</tr>
<tr>
<td><strong>Hippoglossoides elassodon (n. sp.)</strong></td>
<td>P. 77</td>
</tr>
<tr>
<td><strong>Hippoglossus vulgaris</strong></td>
<td>P. 1226</td>
</tr>
<tr>
<td><strong>Hoplopagrine, review of</strong></td>
<td>P. 1224</td>
</tr>
<tr>
<td><strong>Ichthyology, North American contributions to</strong></td>
<td>P. 1222</td>
</tr>
<tr>
<td><strong>Ichthyomyzon castaneus</strong></td>
<td>P. 271</td>
</tr>
<tr>
<td><strong>Ichthyomyzon castaneus</strong></td>
<td>P. 154</td>
</tr>
<tr>
<td><strong>Ictoa, description of</strong></td>
<td>P. 123</td>
</tr>
<tr>
<td><strong>Ictocheilus bucculentus</strong></td>
<td>P. 22</td>
</tr>
<tr>
<td><strong>Imagicae, description of</strong></td>
<td>P. 1013</td>
</tr>
<tr>
<td><strong>Indiana</strong></td>
<td>P. 423</td>
</tr>
<tr>
<td><strong>Indiana. fishes from White River.</strong></td>
<td>P. 423</td>
</tr>
<tr>
<td><strong>Iolognus, n. g.</strong></td>
<td>P. 297</td>
</tr>
<tr>
<td><strong>Iowa</strong></td>
<td>P. 470</td>
</tr>
<tr>
<td><strong>Isostichis gilberti, n. sp.</strong></td>
<td>P. 288</td>
</tr>
<tr>
<td><strong>Isostichis gilberti, n. sp.</strong></td>
<td>P. 481</td>
</tr>
<tr>
<td><strong>Java, review of the.</strong></td>
<td>P. 1142</td>
</tr>
<tr>
<td><strong>Kansas</strong></td>
<td>P. 112</td>
</tr>
<tr>
<td><strong>Kansas. fishes from Clear Fork.</strong></td>
<td>P. 456</td>
</tr>
<tr>
<td><strong>Kansas. new species from</strong></td>
<td>P. 378</td>
</tr>
<tr>
<td><strong>Kentucky</strong></td>
<td>P. 324</td>
</tr>
<tr>
<td><strong>La Cépedé, generic name of</strong></td>
<td>P. 272</td>
</tr>
<tr>
<td><strong>La Have bank</strong></td>
<td>P. 78</td>
</tr>
<tr>
<td><strong>Labrax, proper name of</strong></td>
<td>P. 712</td>
</tr>
<tr>
<td><strong>Labrichthus</strong></td>
<td>P. 661</td>
</tr>
<tr>
<td><strong>Lagodon, review of</strong></td>
<td>P. 608</td>
</tr>
<tr>
<td><strong>Lake Michigan, new species of</strong></td>
<td>P. 277</td>
</tr>
<tr>
<td><strong>Lampreys, nomenclature of</strong></td>
<td>P. 390</td>
</tr>
<tr>
<td><strong>Lancelets, hag-fishes and lampreys of Japan, review of</strong></td>
<td>P. 1233</td>
</tr>
<tr>
<td><strong>Latiloid genera</strong></td>
<td>P. 214</td>
</tr>
<tr>
<td><strong>Lepidopus, Benthodesmus allied to</strong></td>
<td>P. 158</td>
</tr>
<tr>
<td><strong>Lepidosomatia, new species from</strong></td>
<td>P. 241</td>
</tr>
<tr>
<td><strong>Lepomis euryorus, n. sp.</strong></td>
<td>P. 197</td>
</tr>
<tr>
<td><strong>Leptocephalans</strong></td>
<td>P. 307</td>
</tr>
<tr>
<td><strong>Leptophidium curtum, n. sp.</strong></td>
<td>P. 533</td>
</tr>
<tr>
<td><strong>Letharchus, n. g.</strong></td>
<td>P. 297</td>
</tr>
<tr>
<td><strong>Leunynnis with Lycodopsis, identity of</strong></td>
<td>P. 139</td>
</tr>
<tr>
<td><strong>Linnaean collection, American fishes in the names of American fishes</strong></td>
<td>P. 510</td>
</tr>
<tr>
<td><strong>Lituranus, osteological characteristics of the</strong></td>
<td>P. 527</td>
</tr>
<tr>
<td><strong>Liparis radula</strong></td>
<td>P. 65</td>
</tr>
<tr>
<td><strong>Lipogenys, description of</strong></td>
<td>P. 1013</td>
</tr>
<tr>
<td><strong>Lobotidae</strong></td>
<td>P. 319</td>
</tr>
<tr>
<td><strong>Long Island</strong></td>
<td>P. 657</td>
</tr>
<tr>
<td><strong>Lopholatilus chameleonticeps</strong></td>
<td>P. 77</td>
</tr>
<tr>
<td><strong>Lottia maximus, n. sp.</strong></td>
<td>P. 429</td>
</tr>
<tr>
<td><strong>Louisiana</strong></td>
<td>P. 271</td>
</tr>
<tr>
<td><strong>Lucioperca, nomenclature of</strong></td>
<td>P. 993</td>
</tr>
<tr>
<td><strong>Lutjanine, osteological characteristics of the</strong></td>
<td>P. 444</td>
</tr>
<tr>
<td><strong>Lutjanus blackfordii</strong></td>
<td>P. 214</td>
</tr>
<tr>
<td><strong>Lycoptera, rays' with aberrant pectorals</strong></td>
<td>P. 657</td>
</tr>
<tr>
<td><strong>Mall-cheked fishes, classification of</strong></td>
<td>P. 756</td>
</tr>
<tr>
<td><strong>Maine:</strong></td>
<td>P. 1089</td>
</tr>
<tr>
<td><strong>Maltheidae</strong></td>
<td>P. 34</td>
</tr>
<tr>
<td><strong>Marsipobranchiates</strong></td>
<td>P. 308</td>
</tr>
<tr>
<td><strong>Massachusetts</strong></td>
<td>P. 42</td>
</tr>
<tr>
<td><strong>Merlucius, genus related to</strong></td>
<td>P. 165</td>
</tr>
<tr>
<td><strong>Mexicanus, description of</strong></td>
<td>P. 1013</td>
</tr>
<tr>
<td><strong>Mecistus, new species from</strong></td>
<td>P. 388</td>
</tr>
<tr>
<td><strong>Michigan mortality of fishes in</strong></td>
<td>P. 98</td>
</tr>
<tr>
<td><strong>Monchirus, n. sp.</strong></td>
<td>P. 78</td>
</tr>
<tr>
<td><strong>Monegusinae, identity of Leunynnis with.</strong></td>
<td>P. 139</td>
</tr>
<tr>
<td><strong>Macrolus esturinus</strong></td>
<td>P. 95</td>
</tr>
<tr>
<td><strong>Guayas</strong></td>
<td>P. 816</td>
</tr>
<tr>
<td><strong>Gulf of</strong></td>
<td>P. 16,</td>
</tr>
<tr>
<td><strong>Guatemala, new species from</strong></td>
<td>P. 429</td>
</tr>
<tr>
<td><strong>Gualdaramar, review of the.</strong></td>
<td>P. 222</td>
</tr>
<tr>
<td><strong>Marlborough, fishes from</strong></td>
<td>P. 98</td>
</tr>
<tr>
<td><strong>catalogue of fishes from</strong></td>
<td>P. 54</td>
</tr>
<tr>
<td><strong>central</strong></td>
<td>P. 195, P. 217, P. 349</td>
</tr>
<tr>
<td><strong>constant</strong></td>
<td>P. 335</td>
</tr>
</tbody>
</table>
Fishes. Mexico, Mazatlan.... P. 237.
new species from .. P. 221, P. 637
of Etheostoma from. P. 823
of sharks ... P. 268
notes on fishes from... P. 91
Mississippi (southem) P. 925
notes on fishes from... P. 94
Mortality of ... P. 54.
MISSISSIPPI P. 179
new species... P. 467
Mississippi River, new species of .... P. 221, P. 637
MISSOURI P. 179
new species... P. 179
Mortality of ... P. 54.
Gulf of Mexico P. 195, P. 202
Mugilidz, marine species of .... P. 438
Murenoides, Stathmonotus al-... P. 452
Musée d'Histoire Naturelle, Paris, American fishes in...... P. 81
Myctophum crenulare .. P. 190
Mus. Carlil(mosSps) P. 124
Myrophis vafer, n. sp ... P. 334
My ZONGS P. 308
Narcobatide, synonymy of ...-. P. 1050
Nicaragua P. 732
North America, synopsis of ...-- B. 16
North American fishes distributed, list of... P. 127
North American fishes, new species from ... P. 165
frigate mackerel .. P. 183
New Hampshire ........... P. 671
New York (Lower Hudson Valley) ... P. 811
Newfoundland, new species of Notacanthide P. 184
Nicaragua. P. 722
North America, synopsis of ... B. 16
North American fishes distributed, list of... P. 127
North American fishes, new species from ... P. 84
North American fishes, nomen- clature of ... P. 325
North American fishes, notes on. P. 466
North and Middle America ... B. 47
North Carolina .... (Beaulort Har-... P. 504, P. 550
bor) .................. P. 55
new species from .. P. 178
occurrence of Physicus regius ... P. 124
Notacanthidae, new species of... P. 184
Notacanthus phasganorus, n. sp. P. 152
Notes on the capture of rare fishes... P. 1165
Notothenoid shark .... P. 167
Noturus, review of the genus ... P. 352
bibliography of fishes of the .. B. 11, P. 233
fisbes distributed, list of. P. 185
fisbes, list of... P. 173
new Notothenoid shark from... P. 167
of tropical Amer-ica, list of ... P. 526
of fishes from... P. 329, P. 840
new species from. P. 334, P. 452
Paralepis coruscans (n.sp.) ... P. 171
Paralichthys oregonensis (n.sp.) P. 1123
Parophrys ischyrus (n.sp.) ... P. 147
Paxiana, generic name of ... P. 514
Pediculate fishes of eastern coast, extratropical North America ... P. 30
Pediculati ... P. 916
Pempheris poeyi (n.sp.) ... P. 516
Pensacola ... P. 465, P. 565
Perca flavescens ............ P. 36
Percaida ... P. 10
Petromyzontide, on the genera ... P. 368
of the ... P. 368
Petromyzontids ... P. 310
Phyicus chesteri ... P. 40
earli (n.sp.) ... P. 124
regius in North Carolina. P. 124
Physicus fulvus (n.sp.) ... P. 429
Plagiogrammus hopkinsi (n.sp.) P. 967
Platea ferruginea .. rostrata ... P. 52
Plateposcillus, new species of ... P. 1159
Platythynia exasperata, generic relations of ... P. 119
Platythynia triseriata (n.sp.) ... P. 108
Platythynia exasperata, generic relations of ... P. 119
Platythynia triseriata (n.sp.) ... P. 108
Platysomatichthys stomias (n.sp.) ... P. 152
Plectronus crassiceps (n.sp.) ... P. 486
Plectroplites and Hypolectrodes ... P. 1082
Pleuragonus ... P. 853
Pleuronectes glaber ... P. 49
Pleuronectidae, review of ... P. 32
Pleuronectidae ... P. 757
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fishes:</td>
<td></td>
</tr>
<tr>
<td>Pterichthys verticalis (n. sp.)</td>
<td>P.117</td>
</tr>
<tr>
<td>Pecilia butleri (n. sp.)</td>
<td>P.719</td>
</tr>
<tr>
<td>Peciliichthys, new species of</td>
<td>P.751</td>
</tr>
<tr>
<td>Peciliide, nomenclature of</td>
<td>P.991</td>
</tr>
<tr>
<td>Pecilioid fishes, nomenclature of</td>
<td></td>
</tr>
<tr>
<td>Pollichthys chalceogranum</td>
<td>P.1060</td>
</tr>
<tr>
<td>Polycentrus californiensis</td>
<td>P.630</td>
</tr>
<tr>
<td>Pomacentrus rubicundus, life coloration of</td>
<td>P.337</td>
</tr>
<tr>
<td>Pomadasys, new species of</td>
<td>P.242</td>
</tr>
<tr>
<td>Pomatomidae</td>
<td>P.317</td>
</tr>
<tr>
<td>Porichthys porosissimus</td>
<td>P.405</td>
</tr>
<tr>
<td>Preserving fishes, directions for collecting and</td>
<td>P.224</td>
</tr>
<tr>
<td>Prionistius macellus (n. g. and n. sp.)</td>
<td>P.387</td>
</tr>
<tr>
<td>Prionotus ophryas (n. sp.)</td>
<td>P.465</td>
</tr>
<tr>
<td>Pseudolabrus</td>
<td></td>
</tr>
<tr>
<td>Pseudechidida, Rays with aberrant P.1054</td>
<td></td>
</tr>
<tr>
<td>Pseudechidida, new species of</td>
<td>P.1055</td>
</tr>
<tr>
<td>Pseudotriacis microdon</td>
<td>P.357</td>
</tr>
<tr>
<td>Psychrophycus, specific name of</td>
<td>P.32</td>
</tr>
<tr>
<td>Ptychochilus harfordi (n. sp.)</td>
<td>P.193</td>
</tr>
<tr>
<td>Puget Sound</td>
<td>P.326</td>
</tr>
<tr>
<td>Ray, new species from California</td>
<td>P.108</td>
</tr>
<tr>
<td>from California</td>
<td>P.147</td>
</tr>
<tr>
<td>new flounders</td>
<td></td>
</tr>
<tr>
<td>from Punta Arenas</td>
<td>P.639</td>
</tr>
<tr>
<td>Quillheute Indians taking smelt</td>
<td>P.112</td>
</tr>
<tr>
<td>Rachicentron or Elacate</td>
<td>P.1099</td>
</tr>
<tr>
<td>Raia japonica</td>
<td>P.194</td>
</tr>
<tr>
<td>rhina (n. sp.)</td>
<td>P.141</td>
</tr>
<tr>
<td>stelluata (n. sp.)</td>
<td>P.129</td>
</tr>
<tr>
<td>Ray, new species from California</td>
<td></td>
</tr>
<tr>
<td>from Siberia</td>
<td>P.170</td>
</tr>
<tr>
<td>Quillheute Indians taking smelt with aberrant pectorals</td>
<td></td>
</tr>
<tr>
<td>from Pacific coast</td>
<td>P.167</td>
</tr>
<tr>
<td>new species of</td>
<td>P.399</td>
</tr>
<tr>
<td>Siberia, new species from</td>
<td>P.210</td>
</tr>
<tr>
<td>Sidera castanea (n. sp.)</td>
<td>P.335</td>
</tr>
<tr>
<td>chievastes (n. sp.)</td>
<td>P.369</td>
</tr>
<tr>
<td>Siguridae, synopsis of genera of</td>
<td>P.435</td>
</tr>
<tr>
<td>Siluridae, synopsis of the</td>
<td>B.10</td>
</tr>
<tr>
<td>Siphostoma scovillii (n. sp.)</td>
<td>P.1043</td>
</tr>
<tr>
<td>mekayi (n. sp.)</td>
<td>P.428</td>
</tr>
<tr>
<td>South American, catalogue of</td>
<td>P.842</td>
</tr>
<tr>
<td>South Carolina</td>
<td>P.627</td>
</tr>
<tr>
<td>new hake from</td>
<td>P.124</td>
</tr>
<tr>
<td>on a collection of fishes from</td>
<td>P.328</td>
</tr>
<tr>
<td>Sparrus brachysomus (n. sp.)</td>
<td>P.149</td>
</tr>
<tr>
<td>Sparus rodentarius</td>
<td>P.485</td>
</tr>
<tr>
<td>Sphenops, note on</td>
<td></td>
</tr>
<tr>
<td>from Mexico, new species of</td>
<td></td>
</tr>
<tr>
<td>from Pacific coast</td>
<td></td>
</tr>
<tr>
<td>new species of</td>
<td></td>
</tr>
<tr>
<td>Siberia, new species from</td>
<td></td>
</tr>
<tr>
<td>Sidera castanea (n. sp.)</td>
<td></td>
</tr>
<tr>
<td>chievastes (n. sp.)</td>
<td></td>
</tr>
<tr>
<td>Siguridae, synopsis of genera of</td>
<td></td>
</tr>
<tr>
<td>Siluridae, synopsis of the</td>
<td></td>
</tr>
<tr>
<td>Siphostoma scovillii (n. sp.)</td>
<td></td>
</tr>
<tr>
<td>mekayi (n. sp.)</td>
<td></td>
</tr>
<tr>
<td>South American, catalogue of</td>
<td></td>
</tr>
<tr>
<td>South Carolina</td>
<td></td>
</tr>
<tr>
<td>new hake from</td>
<td></td>
</tr>
<tr>
<td>on a collection of fishes from</td>
<td></td>
</tr>
<tr>
<td>Sphaeroides, note on</td>
<td>P.758</td>
</tr>
<tr>
<td>Spiny box fish, California</td>
<td>P.917</td>
</tr>
<tr>
<td>Squalus acanthiasis</td>
<td>P.186</td>
</tr>
<tr>
<td>Squalus aleke (n. sp.)</td>
<td>P.368</td>
</tr>
<tr>
<td>Star-gazer, new species of</td>
<td>P.443</td>
</tr>
<tr>
<td>Stichius punctatus</td>
<td>P.47</td>
</tr>
<tr>
<td>Sting-rays, generic name of</td>
<td>P.514</td>
</tr>
<tr>
<td>Stizostedion, nomenclature of</td>
<td>P.993</td>
</tr>
<tr>
<td>Stomadon saratonia</td>
<td>P.506</td>
</tr>
<tr>
<td>Striped bass in Lower Mississippi Valley</td>
<td>P.430</td>
</tr>
<tr>
<td>Striped bass, note on</td>
<td>P.485</td>
</tr>
<tr>
<td>Susis ringens (n. sp.)</td>
<td>P.146</td>
</tr>
<tr>
<td>Surf-snell</td>
<td>P.112</td>
</tr>
<tr>
<td>Topic</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Fishes. Swordfish family, taxonomic relations and distribution of</td>
<td>P. 248</td>
</tr>
<tr>
<td>Synchiridae (n.g.)</td>
<td>P. 787</td>
</tr>
<tr>
<td>Syngnathomous fishes.</td>
<td>P. 1051</td>
</tr>
<tr>
<td>Syngnathid and hippocampusan fishes, differential characters.</td>
<td>P. 1049</td>
</tr>
<tr>
<td>Syngnathidae, review of the</td>
<td>P. 283</td>
</tr>
<tr>
<td>Synopses of the fishes of North America</td>
<td>B. 16</td>
</tr>
<tr>
<td>Tantoga, note on</td>
<td>P. 883</td>
</tr>
<tr>
<td>Temperature to vertebrae, relations of</td>
<td>P. 845</td>
</tr>
<tr>
<td>Terminology of ichthyography</td>
<td>P. 445</td>
</tr>
<tr>
<td>Tetragonopterus, a genus of characnoid fishes</td>
<td>P. 1061</td>
</tr>
<tr>
<td>Tetraodontidae, review of the</td>
<td>P. 566</td>
</tr>
<tr>
<td>Tetraodontoida, notes on</td>
<td>P. 886</td>
</tr>
<tr>
<td>Teuthidae, synopsis of genera of</td>
<td>P. 435</td>
</tr>
<tr>
<td>Teuthidoidea, genera of</td>
<td>P. 435</td>
</tr>
<tr>
<td>Teuthis applied to a genus of fishes</td>
<td>P. 1052</td>
</tr>
<tr>
<td>Texas new species from</td>
<td>P. 282</td>
</tr>
<tr>
<td>Thalassophryne dowl</td>
<td>P. 639</td>
</tr>
<tr>
<td>Thymallidae</td>
<td>P. 292</td>
</tr>
<tr>
<td>Thyrus, replaced</td>
<td>P. 350</td>
</tr>
<tr>
<td>Thyrisstopus violaceus (n.sp.)</td>
<td>P. 585</td>
</tr>
<tr>
<td>Tilapia</td>
<td>P. 853</td>
</tr>
<tr>
<td>Torpedinidae or Narcobatidae, synonymy of</td>
<td>P. 1050</td>
</tr>
<tr>
<td>Tortugas destruction of fish in the</td>
<td>P. 37</td>
</tr>
<tr>
<td>Tropical America, key to fishes of</td>
<td>P. 242</td>
</tr>
<tr>
<td>Tunnnies, generic name of</td>
<td>P. 965</td>
</tr>
<tr>
<td>Tunny and Albicore, generic name of</td>
<td>P. 716</td>
</tr>
<tr>
<td>Tylosurus coryops (n.sp.)</td>
<td>P. 418</td>
</tr>
<tr>
<td>Unalaska (Alaska)</td>
<td>P. 70</td>
</tr>
<tr>
<td>Uranidea marginata (n.sp.)</td>
<td>P. 190</td>
</tr>
<tr>
<td>microstoma (n.sp.)</td>
<td>P. 121</td>
</tr>
<tr>
<td>pollicaris (n.sp.)</td>
<td>P. 277</td>
</tr>
<tr>
<td>rhoten (n.sp.)</td>
<td>P. 286</td>
</tr>
<tr>
<td>Urolophus asterias (n.sp.)</td>
<td>P. 327</td>
</tr>
<tr>
<td>Utah Lake, collection of fishes from</td>
<td>P. 175</td>
</tr>
<tr>
<td>Utah Lake, new species of Squalius from</td>
<td>P. 186</td>
</tr>
<tr>
<td>Vancouver's Island, new species of Goby from</td>
<td>P. 298</td>
</tr>
<tr>
<td>Viviparous osseous fishes, development of</td>
<td>P. 501</td>
</tr>
<tr>
<td>Washington Territory</td>
<td>P. 112</td>
</tr>
<tr>
<td>P. 263, P. 286, P. 388, P. 672</td>
<td></td>
</tr>
<tr>
<td>Washington Territory (Neah Bay)</td>
<td>P. 144</td>
</tr>
<tr>
<td>Water destructive to fishes</td>
<td>P. 195</td>
</tr>
<tr>
<td>P. 200, P. 201, P. 202, P. 203, P. 349</td>
<td></td>
</tr>
<tr>
<td>Western gizzard shad</td>
<td>P. 43</td>
</tr>
<tr>
<td>West Indies, list of</td>
<td>P. 595</td>
</tr>
<tr>
<td>Xenichthys xenusus (n.sp.)</td>
<td>P. 252</td>
</tr>
<tr>
<td>Xenopterus, note on</td>
<td>P. 884</td>
</tr>
<tr>
<td>Xiphide, taxonomic relations and distribution of</td>
<td>P. 248</td>
</tr>
<tr>
<td>Xiphids</td>
<td>P. 303</td>
</tr>
<tr>
<td>Xiphister, n.sp.</td>
<td>P. 130</td>
</tr>
<tr>
<td>Xyrichthys jessae (n.sp.)</td>
<td>P. 675</td>
</tr>
<tr>
<td>Fishes. Xystreurys liolepis, a new species of flounder</td>
<td>P. 107</td>
</tr>
<tr>
<td>Yale College, in museum of</td>
<td>P. 329</td>
</tr>
<tr>
<td>Yellow-finned trout, Twin Lakes, Colo.</td>
<td>P. 780</td>
</tr>
<tr>
<td>Yellow perch, note on scientific name of</td>
<td>P. 485</td>
</tr>
<tr>
<td>Zelididae, relationships of</td>
<td>P. 1155</td>
</tr>
<tr>
<td>Zophonhnum, on the genus</td>
<td>P. 822</td>
</tr>
<tr>
<td>Zygocnetes oscumbicus (n.sp.)</td>
<td>P. 585</td>
</tr>
<tr>
<td>inuons (n.sp.)</td>
<td>P. 273</td>
</tr>
<tr>
<td>zonifer (n.sp.)</td>
<td>P. 453</td>
</tr>
<tr>
<td>Fish-like vertebrates, diagnoses of new genera and species of</td>
<td>P. 380</td>
</tr>
<tr>
<td>Flint, James M. . . . . . . . R. 102, C. 6, C. 7, C. 8, C. 19, C. 32</td>
<td></td>
</tr>
<tr>
<td>[Flint, James M]</td>
<td>P. 11</td>
</tr>
<tr>
<td>Flora, Washington and vicinity</td>
<td>C. 46</td>
</tr>
<tr>
<td>Florida. Birds</td>
<td>P. 457</td>
</tr>
<tr>
<td>Box-tortoise</td>
<td>P. 1107</td>
</tr>
<tr>
<td>Cedar Keys</td>
<td>P. 426</td>
</tr>
<tr>
<td>Lake Jessup and Indian River</td>
<td>P. 438</td>
</tr>
<tr>
<td>New species of</td>
<td>P. 557</td>
</tr>
<tr>
<td>St. Johns River</td>
<td>P. 427</td>
</tr>
<tr>
<td>Fossil bones from Tise's Ford</td>
<td>P. 396</td>
</tr>
<tr>
<td>Geology</td>
<td>P. 263</td>
</tr>
<tr>
<td>Insects (Lepidoptera)</td>
<td>P. 1208</td>
</tr>
<tr>
<td>Mammals</td>
<td>P. 419</td>
</tr>
<tr>
<td>Mollusk</td>
<td>P. 384, P. 519</td>
</tr>
<tr>
<td>(Unioidea)</td>
<td>P. 511</td>
</tr>
<tr>
<td>Muskrat (Neofiber alleni)</td>
<td>R. 5</td>
</tr>
<tr>
<td>Myriapods</td>
<td>P. 631</td>
</tr>
<tr>
<td>Reptiles</td>
<td>P. 727, P. 1003, P. 1007</td>
</tr>
<tr>
<td>Shell-heaps, east coast of</td>
<td>P. 986</td>
</tr>
<tr>
<td>Fontaine, William M.</td>
<td>P. 918, P. 934</td>
</tr>
<tr>
<td>Fontaine, William M. (coauthor)</td>
<td>P. 821</td>
</tr>
<tr>
<td>Food collections, provisional classification of the</td>
<td>C. 11</td>
</tr>
<tr>
<td>plants of scale insects</td>
<td>P. 1122</td>
</tr>
<tr>
<td>Foraminifera, recent, a descriptive catalogue of</td>
<td>R. 102</td>
</tr>
<tr>
<td>Fordice, Morton W. (coauthor)</td>
<td>P. 575</td>
</tr>
<tr>
<td>Fossil brachiolop, Trenton limestone plants. Alabama, new species from</td>
<td>P. 688</td>
</tr>
<tr>
<td>Alaska.</td>
<td>P. 998</td>
</tr>
<tr>
<td>Miocene flora</td>
<td>P. 300</td>
</tr>
<tr>
<td>Araucarioxyylon</td>
<td>P. 784</td>
</tr>
<tr>
<td>Araucarioxyylon arizoniaceum (n.sp.)</td>
<td>P. 676</td>
</tr>
<tr>
<td>Arizona</td>
<td>P. 676</td>
</tr>
<tr>
<td>Cyanodeoida</td>
<td>P. 1141</td>
</tr>
<tr>
<td>Devonian</td>
<td>P. 928</td>
</tr>
<tr>
<td>Directions for collecting. B. 39 (B)</td>
<td></td>
</tr>
<tr>
<td>Erian plants from New York and Pennsylvania.</td>
<td>P. 928</td>
</tr>
<tr>
<td>Iova (coniferous)</td>
<td>P. 677</td>
</tr>
<tr>
<td>Kentucky, Louisiana, Oregon, California, Alaska, Greenland, etc.</td>
<td>P. 679</td>
</tr>
</tbody>
</table>
INDEX TO TITLES.

| Fossil plants. | Liriodendron, leaves of | P. 794 |
|               | Louisiana              | P. 690 |
|               | Mexico                 | P. 821 |
|               | Miocene flora, Alaska  | P. 300 |
|               | Montana (coniferous)   | P. 677 |
|               | Montana (Fort Union   | P. 921 |
|               | group                  |        |
|               | Montana (Great Falls    | P. 918 |
|               | coal field)            |        |
|               | Nematofyton crassum    | P. 929 |
|               | New Mexico             | P. 676 |
|               | New species of         | P. 606 |
|               | New York               | P. 928 |
|               | Ohio                   | P. 792 |
|               | Palmoxyylon (n. sp.)   | P. 690 |
|               | Pennsylvania           | P. 928 |
|               | Platanus, history of    | P. 680 |
|               | the genus              |        |
|               | Tertiary               | P. 306 |
|               | Texas (Trinity div. of  | P. 934 |
|               | Comanche series)       |        |
|               | Triassic               | P. 821 |
|               | trees in New Mexico    | P. 257 |
|               | Fossils. Aerolthe, description of | P. 114 |
|               | note on                | P. 1129 |
|               | Alabama                | P. 1164 |
|               | Antilles               | P. 1110 |
|               | Apodide, phyllopod     | P. 1117 |
|               | Arkansas, cretaceous   | P. 207 |
|               | mesozoic and cenozoic  |        |
|               | Basilosaurus catolies, pelvic gir- | P. 1211 |
|               | dle of                 |        |
|               | Bikia                  | P. 1229 |
|               | Bison of North America | P. 1172 |
|               | California             | P. 14, P. 1145, P. 1191 |
|               | Post-pliocene          | P. 2 |
|               | Cambrian brachiopods   | P. 1120 |
|               | P. 1152, 1229          |        |
|               | Carboniferous          | P. 113, P. 366 |
|               | Endothyra ornata       | P. 91 |
|               | new species of         | P. 86 |
|               | Caryophyllia arnoldi (coral) | P. 1194 |
|               | new species of         | P. 1194 |
|               | Cenozoic, from several States | P. 137 |
|               | Colorado, cretaceous   | P. 207 |
|               | mesozoic and cenozoic  |        |
|               | Corals                 | P. 1194 |
|               | Cretaceous             | P. 36, P. 115, P. 207 |
|               | bivalve mollusks       | P. 1169 |
|               | Stegosaurus marshi     |        |
|               | (n. sp.)               | P. 1224 |
|               | Crioceratum            | P. 92 |
|               | Dipeltis and Protocaris| P. 1117 |
|               | Directions for collect-  |        |
|               | ing and preparing       |        |
|               | Endothyra ornata, note on | P. 91 |
|               | Eocene, Alabama, new snake from | P. 1164 |
|               | mollusca from Southern United States | P. 134 |
|               | Ethnoceratum           | P. 92 |
|               | Florida, bones from Tisc's Ford | P. 296 |
|               | Gastropod from Puebla, Mexico | P. 131 |
|               | Georgia                | P. 116 |
|               | Green River group (mollusks) | P. 266 |
|               | Fossils. Invertebrates, list of publications relating to collection of | B. 30 |
|               | Iphidea and Yorkia     | P. 1120 |
|               | Japan                  | P. 1194 |
|               | Jelly fishes, middle Cambrian terrane | P. 1086 |
|               | Kansas, cretaceous     | P. 93 |
|               | Laramie group, mollusks from the |     |
|               | Levipalifer orientalis (n. g. and n. sp.) (coral) | P. 1194 |
|               | Lingula squilla, preserving cast of peduncle | P. 746 |
|               | Linguidea              | P. 1152 |
|               | Lower Cambrian         | P. 763 |
|               | Macrocheirus           | P. 366 |
|               | Maine, walrus remains in | P. 223 |
|               | Mastodon and mammoth, bones and teeth of | C. 48 |
|               | Mesozoic and cenozoic types, list of | P. 520, P. 568 |
|               | from several States    | P. 137 |
|               | Straits of Magellan    | P. 793 |
|               | Mexico, gastropod      | P. 131 |
|               | Middle Cambrian        | P. 738 |
|               | jelly fishes           | P. 1086 |
|               | Miocene, Arctic Siberia | P. 946 |
|               | Cyprinoid fish         | P. 1212 |
|               | Leuciscus turneri      | P. 1212 |
|               | Molluscan forms from Dakota | P. 995 |
|               | Mollusks               | P. 8, P. 266 |
|               | Actinon, new species of | P. 1145 |
|               | Eocene                 | P. 134 |
|               | Productus giganteus    | P. 113 |
|               | Truxeeck group, molluscan fauna of | P. 267 |
|               | Neocene, corals        | P. 1193 |
|               | New Mexico, new species from | P. 115 |
|               | Obolella               | P. 1229 |
|               | Obolus                 | P. 1192, P. 1229 |
|               | Oldhamia in America, discovery of the genus | P. 1002 |
|               | Olenellus zonic        | P. 763 |
|               | Paleozoic fishes       | P. 866 |
|               | Phyllopod, Apodide     | P. 1117 |
|               | Pinna, n. sp.          | P. 115 |
|               | Plectostylus           | P. 366 |
|               | Post-pliocene fossils  | P. 2 |
|               | Protoearcis            | P. 1117 |
|               | Remondia               | P. 1109 |
|               | Rhinoceros, miocone, S. Dakota | P. 1207 |
|               | Silurian, Baffin Land  | P. 1192 |
|               | Soleniscus            | P. 366 |
|               | Stricklandia davidsoni | P. 116 |
|               | salteri                | P. 116 |
|               | Tertiary, from Antillean region | P. 1110 |
|               | Leptomeca of North America and West Indies | P. 1177 |
|               | southern United States | P. 1035 |
|               | Tortoises              | P. 1181 |
|               | Texas                  | P. 1072 |
|               | Cretaceous             | P. 93 |
|               | Triassic unics, Texas  | P. 1072 |
|               | Trigonias osborni from S. Dakota | P. 1307 |
INDEX TO TITLES.

Hermaphrodite fishes .................. P. 441
Hermit crabs of Pagurus bernhardus type. P. 1261
Hill, Meriden S. R. 114
Hippisley, Alfred E. R. 25, R. 118
Hippisley collection of Chinese porce-

lains .................................. R. 118
R. 14, R. 19, R. 50, R. 58, R. 59, R. 60, P. 745, C. 24
Hoffman, Walter J. R. 90
[Höhnle, Lient. von] P. 1063, P. 1098
Holland, W. J. P. 1062, P. 1063, P. 1064, P. 1065, P. 1098
Holm, Theodore R. 116, P. 741, P. 794, P. 910
Holmes, Wm. H. P. 665, P. 688
Honduras; Bindst R. 55, P. 744, P. 791
Hoplobatata, pigments ................. R. 22
Horned toads, ejection of blood from eyes of R. 120
Hough, Walter R. 22,
R. 27, R. 47, R. 57, R. 77, R. 101,
R. 113, R. 129, P. 768, P. 769
[Hovey, Edmund Otis] B. 39 (F, L, 0)
Howard, L. O. P. 771, P. 881, P. 905, P. 1025, P. 1142
Howard, L. O. (coauthor) P. 1092
Howgate Polar Expedition, contributions to natural history of Arctic America, in connection with the R. 15
Hudson Bay Territory, Naskopie Indians, drum of P. 736
Hudson's Bay fishes P. 204
Hughes, Elizabeth G. (coauthor) P. 552, P. 574, P. 668
Human beast of burden R. 18
Humbert, Fred P. 348
Humming birds, The R. 45
Hunt, J. G P. 347
Hydroids, Alaska P. 1171
American. Part 1: The Plu-
mullariidae Sp. B. 4
Northeastern coast P. 584
Puget Sound P. 1171

I.

Ichthyography, terminology of P. 445
If public libraries, why not public muse-
uums? R. 82
Illinois. Botany P. 264
Fishes P. 273
India. Anthropology R. 68
Indian Ocean. Crustaceans R. 68
Indian Ocean. Crustaceans P. 979
Porpoises, skeletons and skulls of R. 982
Indian paintings, Catlin R. 8, R. 52
Indian Territory. Fishes P. 549
Mollusks P. 740
Indianas. Ratrachians P. 512
Botany P. 264, P. 1010
Crustaceans P. 935
Fishes P. 579, P. 423, P. 681, P. 791
Switz City swamp P. 424
Myriapods P. 622, P. 731
Reptiles P. 729
Indians, Alaska and British Columbia R. 24
Havasu-pai P. 859
Kwakiutl R. 89
Ingersoll, Ernest P. 195
Inman, S. M. P. 333
Inscriptions in stone, etc., instructions for taking paper molds of C. 23
Insects. Africa, East P. 1062
West P. 951
"Albatross," collected by, 1887-88 P. 771
Albabra Island P. 1119
Coleoptera. Africa, East P. 1094
Albabra, Gloriosa, and Providence islands P. 1119
Chlamydine, review of the P. 1130
Chrysolomelidae, new species of... P. 1130
Coleopterous insects of Salapa-
gos Islands P. 1143
Ecocherus, new species of P. 1041
Golden beetle, from Costa Rica P. 1040
Lachnosterna of temperate North America P. 747
New species of P. 1113
Scorabidae P. 1096
Seoloid beetles, synonymy of... P. 1085
Tana River and Jombène range P. 1094
Tenebrionid genus, Ecoce-

rus, new species of P. 1041
Concerning the department of C. 4
Costa Rica P. 1040
Diptera. Cluster flies, note on P. 331
Empidæ, North Amer-

ican P. 1063
Japanese P. 1146
Lucilia macellaria (parasitic) P. 348
New species of P. 1225
Porto Rico P. 1198
Syrphidae, North American, synopsis of the B. 31
Systematic arrangement of the families of P. 4228
Directions for collecting and preserving B. 39 (F, L, 0)
Gloriosa, Seychelles, Albabra, and Providence islands P. 1119
Hemiptera Heteroptera P. 924
Homoptera. Coccidae, food plants of P. 1122
Homoptera. Scale insects (Coccidae), directions for collecting and preserving B. 39 (L)
Homoptera. Scale insects, distribution of P. 1026
INDEX TO TITLES.

Insects. Hemiptera Homoptera. Typhlo-
cybinae, American leaf-hoppers....... P. 1188
Japan........................................ P. 1108
Hessian fly (parasites of)....... P. 532
Hymenoptera. Bothriothora-
cine insects... P. 1025
Braconidae, descriptions of
new species of P. 760
Chalcid flies, Encyrtina ... P. 1202
Chalcididae, biology of...... P. 881
Cynipidous galls and gall wasps...... P. 1102
Encyrtina ..... P. 1202
Encyrtina with branched anten
tnerae......... P. 905
Hessian fly (parasites of)....... P. 532
Hymenopterous family, Chal-
cididae .......... P. 881
Hymenopterous insects from
Ceylon (para-
sitic).... P. 1092
Ichneumonidae, new species of P. 779
Ichneumonida, classification of...... P. 1206
Proctotrupidae,
North American .... B. 45
Tenthredinidae,
Japanese....... P. 1157
Jumping seeds and galls...... P. 330
Lepidoptera. Africa, East ...... P. 1098
Agrotis, revision of species of... B. 38
Aldabrach, Seychelles, and other
islands ...... P. 1064
Callimorpha,
North American species of.. P. 634
Cucullia, revision of the genus... P. 890
Cyphochilus and Cer-
thornis ...... P. 706
Deltoid moths, revision of the... B. 48
Diephna, revision of the...... P. 891
Eastern Africa ...... P. 1062
Eurethra, the
species of...... P. 633
Florida............ P. 1208
Hadena, revision of
species of...... P. 839
Homohadena, revision of spe-
cies of........... P. 888
Lepidoptera. Kashmir ........ P. 1065
Lepidoptera from
Somaliland ... P. 1063
Mamestra, revision of species of...... P. 851
Morrisonia, revision of...... P. 892
Moths, directions
for collecting .... C. 27
Moths, North American, life
histories of...... P. 1209
Noctuidae, a hun-
dred new
moths of the
family......... P. 1233
Noctuidae of bo-
real America... P. 890,
P. 891, P. 892
Noctuidae of tem-
perate North America..... P. 781,
P. 838, P. 839, P. 851
Noctuidae, North
America, new
genera and
species of...... P. 647
Noctuidae of tem-
perate North America, con-
tributions toward a mon-
ograph of the
insects of the
lepidopterous
family....... B. 38
Nocturnal moths,
Campometra... P. 1184
North American,
bibliography of described
transformations of...... B. 35
revision of Acro-
nycha......... P. 1140
Saturniidae........ P. 781
Somaliland....... P. 1063
Taniocampid
genera ........ P. 781
Tineina, new
moths of super-
family ...... P. 1238
Xylophagida, revision of... P. 892
Lepidopterous family Noctuidae,
contributions toward a mon-
ograph of the... B. 48
Super family
Noctuidae, cat-
alogue of spe-
cies of........... B. 44
Louisiana .................. P. 440
Neuroptera. Biting lice (Mal-
lophaga) from
birds and mam-
mals ......... P. 1183
INDEX TO TITLES.

Insects. Neuroptera. Dragon flies, stone flies, and May flies, directions for collecting and rearing. B. 39 (o)

Odonata. Africa, East.... P. 1045, P. 1047
Orthoptera. Acridida (n. g. and n. sp.).... P. 764
Acridida, revision of the Melano- pli.... P. 1124
Melanoplus, revision of the.... P. 1124
Spharium, new species of.... P. 415
Trimerotropis, revision of.... P. 1215
Protection of anatomical prep- arations.... P. 12
Providence Island.... P. 1119
Tennessee.... P. 714
Installation methods of collections, plan for the... C. 16
Institutions, foreign and domestic, to re- ceive Museum publications.... R. 35
Instructions for collecting birds’ eggs.... C. 30
Taking paper molds, etc.... C. 23
International Fisheries Exhibition, Lon- don, catalogues of exhibits of the United States at the.... B. 27
Iowa. Fishes.... P. 470
Fossil coniferous wood.... P. 677
Iron manufacture in Virginia.... P. 489
Isopods. (See under Crustaceans.)

J.

Jackson, J. B. S.... P. 12
Jamaica. Fishes.... P. 418
Yellow box of.... P. 1218
Japan. Ainos of Yezo.... R. 50
Anthropology.... R. 58, R. 59, R. 60, P. 836
Bird fauna of.... P. 906
Birds.... P. 390, P. 473, P. 579, P. 641,
P. 649, P. 904, P. 931, P. 974, P. 997
notes on.... P. 383
of Lin Kiu.... P. 597
Blenny-like fish, Volcano Bay.... P. 1127
Crustaceans (Isopods).... P. 1189
Fishes.... P. 1112, P. 1127,
P. 1213, P. 1238, P. 1255, P. 1299, P. 1240
Fossil corals.... P. 1184
Fossils.... P. 1194
Insects. Diptera.... P. 1146
Hemiptera.... P. 1108
Hymenoptera.... P. 1157
Mammals.... P. 557
Playing cards from.... P. 836
Water birds.... P. 598
Japanese birds, notes on.... P. 957
review of (No. I).... P. 558
(No. II).... P. 578
(No. III).... P. 579
(No. IV).... P. 601
(No. V).... P. 628
(No. VI).... P. 642
(No. VII).... P. 667

Japanese birds, review of (No. VIII).... P. 735
(No. IX).... P. 731
Science College, Tokyo.... P. 574
cotton fibers, catalogue of.... P. 250
husbandry, account of.... P. 251
hymenoptera.... P. 1157
lacquer, preparation of.... P. 745
catalogue of cotton fibers prepared by.... P. 250
quails, remarks on.... P. 974
reed warbler.... P. 997
wood cutting and wood-cut printing.... R. 63
woods, catalogue of.... P. 232
Jefferson, J. P.... P. 54
Jefferson, J. P. (coauthor)... P. 37
Jenkins, Oliver P. (coauthor).... P. 681, P. 698, P. 846
Jefierson, J. Po (Coauthor).... P. 37
JEMCLSON pI sess oe was cess oheeeie eee epee
Jones, J. Matthew (coauthor).... B. 25 (11)
Jones, J. Matthew (coauthor).... B. 25
[Jones, W. H. ].... P. 854
Jordan, David S.... P. 29, P. 81, P. 84, P. 94, P. 104,
P. 105, P. 159, P. 160, P. 178, P. 288, P. 461,
P. 405, P. 416, P. 422, P. 493, P. 437, P. 438,
P. 451, P. 456, P. 467, P. 485, P. 490, P. 500,
P. 503, P. 504, P. 526, P. 527, P. 550, P. 551,
P. 556, P. 593, P. 595, P. 630, P. 648, P. 652,
P. 675, P. 682, P. 719, P. 723, P. 732, P. 789,
P. 822, P. 829, P. 845, P. 916, P. 938, B. 9, B. 10
Jordan, David S. (coauthor).... P. 55,
P. 106, P. 107, P. 108, P. 109, P. 110, P. 111,
P. 117, P. 118, P. 119, P. 125, P. 126, P. 129,
P. 130, P. 132, P. 135, P. 136, P. 141, P. 144,
P. 146, P. 147, P. 150, P. 151, P. 152, P. 153,
P. 154, P. 156, P. 157, P. 161, P. 162, P. 164,
P. 167, P. 170, P. 171, P. 173, P. 174, P. 175,
P. 176, P. 181, P. 185, P. 191, P. 192, P. 193,
P. 194, P. 221, P. 227, P. 237, P. 342, P. 292,
P. 254, P. 268, P. 269, P. 273, P. 277, P. 282,
P. 289, P. 290, P. 291, P. 292, P. 293, P. 294,
P. 296, P. 298, P. 324, P. 325, P. 326, P. 327,
P. 328, P. 329, P. 334, P. 335, P. 336, P. 352,
P. 355, P. 367, P. 368, P. 369, P. 370, P. 378,
P. 401, P. 402, P. 403, P. 414, P. 417, P. 426,
P. 427, P. 434, P. 436, P. 447, P. 449, P. 450,
P. 452, P. 453, P. 455, P. 470, P. 483, P. 484,
P. 549, P. 552, P. 566, P. 574, P. 575, P. 586,
P. 587, P. 627, P. 639, P. 752, P. 770, P. 780,
P. 791, P. 939, P. 1213, P. 1222, P. 1223,
P. 1235, P. 1239, P. 1240, B. 12, B. 16, B. 47
Jouy, Pierre L.... R. 28, P. 186, P. 383, P. 975
Jouy, Pierre L. (coauthor).... P. 185
Jouy, Pierre L. [coauthor].... P. 1235
Juan de Fuca, Straits of. Fishes.... P. 171
Kansas. Wishes.... P. 456, P. 624
Judd, Sylvester Dios.... P. 1084
K.

Kalb, George B.... P. 332
Kamchatka, ornithology of.... B. 29
Kansas. Fishes.... P. 456, P. 624
Fossils.... P. 93
Kashmir. Birds.... P. 1078
Insects (Lepidoptera).... P. 1065
INDEX TO TITLES.

Kashmir. Mammals.......................... P. 976, P. 1004
Kellogg, Vernon L.......................... P. 1183
Kendall, W. C.............................. P. 1089
Kendall, W. C. (coauthor)................. P. 1043
Kentucky. Fishes, new species from Clear Fork.......................... P. 578
Fossil plants............................ P. 679
Kerguelen Island. Contributions to natural history of. Part I. Ornithology... B. 2
Part II. General natural history........... B. 3
Kidder, J. H............................... P. 96, B. 2, B. 3
Kilima-njaro, ethnological collections from mammals from P. 915
Kirsch, Philip H............................ P. 754
Kishinonye, K.............................. P. 1188
Knowlton, Frank H......................... P. 513, P. 676, P. 677, P. 690, P. 784, P. 921, P. 998, B. 39 (3)
Knowlton, Frank H. (coauthor)......... P. 821
Knudsen, Valdemar........................ P. 609, P. 778
Lockington, W. N........................ P. 72, P. 97, P. 120, P. 121, P. 122, P. 123, P. 140, P. 149, P. 156, P. 182, P. 209
London Fisheries Exhibition, catalogues of the exhibit sent by the United States to the R. 27
Long Island. Fishes........................ P. 657
Lommberg, Kiran.......................... P. 1003, P. 1107
Lord, Edwin C. E.......................... P. 1173
Louisiana. Fishes.......................... P. 271
from vicinity of New Orleans P. 437
Fossil plants............................ P. 679
Fossil wood.............................. P. 690
Insects from vicinity of New Orleans P. 440
Lower Siam. Birds......................... P. 1201
Lucas, Frederic A. (coauthor) .... R. 6, P. 765
Lugger, Otto............................. P. 213
Lupton, N. T............................. P. 46
Lyon, Marcus W., Jr...................... P. 1228

M.

McGuire, J. D........................... R. 87, R. 103
McKay, Charles L........................ P. 197
[McKay, Charles L.]........................ P. 513, P. 564
McMurrich, J. Playfair.................... P. 390
McNeill, Jerome.......................... P. 631, P. 632, P. 1215
MacFarlane, R............................ P. 865
Madagascar. Birds........................ P. 1118, P. 1197
Madrid Exposition, participation of the Smithsonian Institution in the R. 71
Magellan Straits. Bird skeletons P. 798
Birds................................. P. 768
Maine. Fishes............................. P. 71, P. 1089
Fossils................................. P. 233
Geology................................. P. 354, P. 356, P. 707
Mammal skins for study and mounting R. 15
Kilima-njaro............................. P. 814
Tana River............................... P. 984
Islands................................. P. 399, P. 495
Bristol Bay, list of mammals from P. 564
Aquatic mammals, catalogue of (London Fisheries Exhibition) P. 27
Armadillo (Xenurus) occurring in Honduras P. 1069
### INDEX TO TITLES.

<table>
<thead>
<tr>
<th>Mammals.</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atalapha semota (n. sp.)</td>
<td>807</td>
</tr>
<tr>
<td>Baitistan</td>
<td>976</td>
</tr>
<tr>
<td>Bats, new species of</td>
<td>786</td>
</tr>
<tr>
<td>North American</td>
<td>919</td>
</tr>
<tr>
<td>North American, monograph of the</td>
<td>43</td>
</tr>
<tr>
<td>Bering Island</td>
<td>540</td>
</tr>
<tr>
<td>Bison, American, extermination of the</td>
<td>21</td>
</tr>
<tr>
<td>Black-tailed deer</td>
<td>287</td>
</tr>
<tr>
<td>Bottlenose porpoise, on life history of</td>
<td>812</td>
</tr>
<tr>
<td>British America</td>
<td>827</td>
</tr>
<tr>
<td>California</td>
<td>492, 623</td>
</tr>
<tr>
<td>Canada lynx, cranial characters of the</td>
<td>603</td>
</tr>
<tr>
<td>Capromys, new species of</td>
<td>744</td>
</tr>
<tr>
<td>Cariaecus clavatus (n. sp.)</td>
<td>734</td>
</tr>
<tr>
<td>Carolia brevicuda (n. sp.)</td>
<td>824</td>
</tr>
<tr>
<td>Catskill Mountains</td>
<td>1147</td>
</tr>
<tr>
<td>Central America</td>
<td>734, 963</td>
</tr>
<tr>
<td>Cinnamon bear</td>
<td>338</td>
</tr>
<tr>
<td>Costa Rica</td>
<td>850</td>
</tr>
<tr>
<td>Cotton rat, New Mexico</td>
<td>994</td>
</tr>
<tr>
<td>Cricetodipus parvus, a rare rodent</td>
<td>256</td>
</tr>
<tr>
<td>Delphinide, review of the</td>
<td>36</td>
</tr>
<tr>
<td>Diphylla ecaudata, notes on</td>
<td>1099</td>
</tr>
<tr>
<td>Dipodomys compactus (n. sp.)</td>
<td>699</td>
</tr>
<tr>
<td>Directions for preparing study specimens of small mammals</td>
<td>39 (N)</td>
</tr>
<tr>
<td>Echinomys semispinosus in Nicaragua</td>
<td>743</td>
</tr>
<tr>
<td>Erethizon dorsatus</td>
<td>213</td>
</tr>
<tr>
<td>Felis concolor</td>
<td>323</td>
</tr>
<tr>
<td>Florida</td>
<td>419</td>
</tr>
<tr>
<td>muskrat</td>
<td>5</td>
</tr>
<tr>
<td>Fruit bat, new species of</td>
<td>948</td>
</tr>
<tr>
<td>Geomys personatus (n. sp.)</td>
<td>699</td>
</tr>
<tr>
<td>Glossophaga villosa (n. sp.)</td>
<td>1100</td>
</tr>
<tr>
<td>Guide to collection of (Cincinnati Exposition, 1888)</td>
<td>41</td>
</tr>
<tr>
<td>Hares, new subgenus and six new species of</td>
<td>1081</td>
</tr>
<tr>
<td>Hesperomys melanophrys</td>
<td>850</td>
</tr>
<tr>
<td>tru'e (n. sp.)</td>
<td>529</td>
</tr>
<tr>
<td>Histriophoca (see Phoca)</td>
<td>394</td>
</tr>
<tr>
<td>Honduras</td>
<td>744, 1069</td>
</tr>
<tr>
<td>Hyperoodon semijunctus</td>
<td>541</td>
</tr>
<tr>
<td>Indian Ocean</td>
<td>982</td>
</tr>
<tr>
<td>Japan</td>
<td>557</td>
</tr>
<tr>
<td>Kashmir</td>
<td>1004</td>
</tr>
<tr>
<td>Kilima-njaro region, catalogue of mammals from</td>
<td>915</td>
</tr>
<tr>
<td>Little Swan Island</td>
<td>744</td>
</tr>
<tr>
<td>Loncheres armatus in Martinique, West Indies</td>
<td>468</td>
</tr>
<tr>
<td>Lynx, Canada</td>
<td>603</td>
</tr>
<tr>
<td>Lynx, Urocyon, Spilogale, and Mephitus, Mexican boundary</td>
<td>1126</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mammals.</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maryland</td>
<td>213</td>
</tr>
<tr>
<td>Mephitis, Dorcelaphus, and Dicotyles, Mexican boundary</td>
<td>1129</td>
</tr>
<tr>
<td>Mesopododon stejnegeri (n. sp.)</td>
<td>540</td>
</tr>
<tr>
<td>Mexican boundary</td>
<td>1075, 1081, 1103, 1126, 1129, 1132</td>
</tr>
<tr>
<td>Mice from Costa Rica and Mexico</td>
<td>850</td>
</tr>
<tr>
<td>Mole, new genus and species of</td>
<td>557</td>
</tr>
<tr>
<td>revision of the</td>
<td>1101</td>
</tr>
<tr>
<td>Moose, habits of the</td>
<td>827</td>
</tr>
<tr>
<td>Mules in milk</td>
<td>278</td>
</tr>
<tr>
<td>Nebiber alieni</td>
<td>419</td>
</tr>
<tr>
<td>Neotoma, diagnoses of</td>
<td>1006</td>
</tr>
<tr>
<td>New Mexico</td>
<td>994</td>
</tr>
<tr>
<td>New York</td>
<td>1147</td>
</tr>
<tr>
<td>Nicaragua</td>
<td>743</td>
</tr>
<tr>
<td>North American, diagnoses of new mammals</td>
<td>1151</td>
</tr>
<tr>
<td>Nyctinomus europaeus (n. sp.)</td>
<td>786</td>
</tr>
<tr>
<td>orthotis</td>
<td>786</td>
</tr>
<tr>
<td>Oregon</td>
<td>826</td>
</tr>
<tr>
<td>Ovis montana, new geographical race of</td>
<td>338</td>
</tr>
<tr>
<td>Pennsylvania, bear from</td>
<td>358</td>
</tr>
<tr>
<td>Phacoemyx longicaudus (n. sp.)</td>
<td>826</td>
</tr>
<tr>
<td>Phoca fasciata, skeleton of</td>
<td>391</td>
</tr>
<tr>
<td>Phocaena dali (n. sp.)</td>
<td>495</td>
</tr>
<tr>
<td>Phyllostome bats, new genus of</td>
<td>913</td>
</tr>
<tr>
<td>new sub-family of</td>
<td>912</td>
</tr>
<tr>
<td>Plan for collection of (New Orleans Exposition, 1884-85)</td>
<td>29</td>
</tr>
<tr>
<td>Porcupine, Canada</td>
<td>44, 213</td>
</tr>
<tr>
<td>Porpoise, new species from Alaska</td>
<td>485</td>
</tr>
<tr>
<td>Prodelphinus doris of Gray, spotted dolphin, apparently identical with</td>
<td>4</td>
</tr>
<tr>
<td>Pteropus alectre (n. sp.)</td>
<td>948</td>
</tr>
<tr>
<td>Puget Sound</td>
<td>602</td>
</tr>
<tr>
<td>Puma, or American lion</td>
<td>39</td>
</tr>
<tr>
<td>Rocky Mountain goat, habits of the</td>
<td>88</td>
</tr>
<tr>
<td>Rytina gigas</td>
<td>344</td>
</tr>
<tr>
<td>Sciurus, Castor, Neotoma, and Sigmodon, Mexican boundary</td>
<td>1132</td>
</tr>
<tr>
<td>Scotophilus temminckii</td>
<td>914</td>
</tr>
<tr>
<td>Sea-cow</td>
<td>344</td>
</tr>
<tr>
<td>Sea-elephant, account of capture of</td>
<td>492</td>
</tr>
<tr>
<td>Sigmodon minima (n. sp.)</td>
<td>994</td>
</tr>
<tr>
<td>Sitomys decolorus (n. sp.)</td>
<td>963</td>
</tr>
<tr>
<td>Taylori, relationship of</td>
<td>972</td>
</tr>
<tr>
<td>Smith in Kashmir</td>
<td>1004</td>
</tr>
<tr>
<td>Steller's Sea-cow, date of extermination of</td>
<td>421</td>
</tr>
<tr>
<td>Taylor's mouse, relationship of</td>
<td>972</td>
</tr>
<tr>
<td>Temminck's bat</td>
<td>914</td>
</tr>
<tr>
<td>Texas</td>
<td>699</td>
</tr>
<tr>
<td>Title</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Mammals. Tursiops, life history of</td>
<td>812</td>
</tr>
<tr>
<td>Vale of Kashmir</td>
<td>976</td>
</tr>
<tr>
<td>Vampire bat, notes on the</td>
<td>976</td>
</tr>
<tr>
<td>Vespertilio longipus (n.sp.)</td>
<td>602</td>
</tr>
<tr>
<td>Vespertilionidae, genera of</td>
<td>930</td>
</tr>
<tr>
<td>Vesperugo hederus</td>
<td>659</td>
</tr>
<tr>
<td>Virginia deer, antlers of</td>
<td>388</td>
</tr>
<tr>
<td>West Indian seal (Monachus tropicus)</td>
<td>R.6</td>
</tr>
<tr>
<td>West Indies</td>
<td>468</td>
</tr>
<tr>
<td>West Virginia, Canada porcupine in</td>
<td>P.44</td>
</tr>
<tr>
<td>Whale fishery and its appliances</td>
<td>P.27</td>
</tr>
<tr>
<td>Whalebone whales, nomenclature of the</td>
<td>P.1165</td>
</tr>
<tr>
<td>Whales, new species of</td>
<td>P.344</td>
</tr>
<tr>
<td>Xenurus</td>
<td>1069</td>
</tr>
<tr>
<td>Manecala, the national game of Africa</td>
<td>R.84</td>
</tr>
<tr>
<td>Manitoba, birds of</td>
<td>P.841</td>
</tr>
<tr>
<td>Mann, Albert</td>
<td>P.937</td>
</tr>
<tr>
<td>Man's knife of the North American Indians</td>
<td>R.106</td>
</tr>
<tr>
<td>Marcau, John Belknap</td>
<td>P.820, P.568, B.30</td>
</tr>
<tr>
<td>Margarita Island. Birds</td>
<td>P.1063</td>
</tr>
</tbody>
</table>
| Mariett Exposition, report on the participation of the Smithsonian Institution and National Museum in the R.35
| Marine animals at Naples Zoological Station, preservation of      | B.39 (31) |
| invertebrates, Littoral marine fauna of Provincetown               | P.128 |
| New England coast, distributed                                    | P.82 |
| New England coast, Series II, distributed                          | P.230 |
| New England coast, Series III, distributed                         | P.231 |
| New England coast, Series IV, distributed                          | P.374 |
| New genera and species of                                          | P.168 |
| New genus and species of                                           | P.534 |
| New species of                                                     | P.169 |
| Northeastern coast                                                | P.76, P.168, P.169, P.284, P.344 |
| Marlatt, C. L                                                     | P.1157|
| Marsipbranchiates. (See under Fishes.)                            | P.51  |
| Martinique. Birds                                                 | P.51  |
| Marx, George                                                     | P.782 |
| Marx, George (coauthor)                                           | P.951 |
| Maryland, Mammals                                                 | P.213 |
| Massachusetts. Fishes                                            | P.5, P.42 |
| Littoral fauna of Provincetown                                    | P.128 |
| Mollusks (Marthas Vineyard)                                       | P.284 |
| Mastodon and Mammoth, relating to                                 | C.48 |
| Material medica. Atropia on the heart, influence of               | P.498 |
| Cineboma barks in National Museum                                | P.582 |
| Collection, arrangement of                                        | C.6  |
| Sea cacti                                                         | C.32 |
| Sea plants                                                        | C.20 |
| Matthews, Washington                                              | R.52 |
| Maxon, WM. R                                                     | P.1226|
| Mazyck, William G                                                 | P.584 |
| Meinirs, Edgar A                                                  | P.994, P.1075, P.1081, P.1103, P.1121, P.1126, P.1129, P.1132, P.1147 |
| Meek, Fielding B., the published writings of                     | B.30 |
| Meek, Seth E.                                                     | P.461, P.737 |
| Meek, Seth E. (coauthor)                                          | P.427 |
| Merrif, C. Hart                                                   | B.25 (V) |
| Merrill, George P. (coauthor)                                     | P.696 |
| Merrill, James C.                                                  | P.22, P.88 |
| Mesozoic and cenozoic types in National Museum, list of            | P.520 |
| Metallic casting of delicate natural objects                      | P.232 |
| Meteorite iron, Arkansas                                           | P.666 |
| Meteorite collection in National Museum                            | R.10, R.122 |
| Meteorite, San Emigdio                                             | P.700 |
| Mexican boundary. Mammals                                         | P.1075, P.1081, P.1103, P.1126, P.1129, P.1132 |
| Mollusks                                                          | P.1033|
| Petrographic report on rocks from                                 | P.1173|
| Mexico. Anthropology                                              | P.932 |
| Birds                                                             | P.859, P.617, P.895, P.962, P.1045, P.1091 |
| collected by Geographical and Exploring Commission              | P.599 |
| from southwestern Mexico                                          | B.4  |
| Catalogue of reptiles and invertebrates of                        | B.32 |
| from Guaymas                                                       | P.433 |
| Fossil plants, Triassic                                           | P.821 |
| Fossils                                                           | P.341 |
| Gulf of Birds                                                    | P.632 |
| Echini                                                            | P.491, P.544 |
| Medusa from                                                        | P.528 |

INDEX TO TITLES.
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexico, Gulf of. Stalked crinoids</td>
<td>547</td>
</tr>
<tr>
<td>Water from</td>
<td>222</td>
</tr>
<tr>
<td>Mammals, collected by Geographical and Exploring Commission</td>
<td>559</td>
</tr>
<tr>
<td>Reptiles and reptilians collected by Geographical and Exploring Commission</td>
<td>922</td>
</tr>
<tr>
<td>Sponges</td>
<td>542</td>
</tr>
<tr>
<td>Microscopical mounts of vegetable textile fibers</td>
<td>14</td>
</tr>
<tr>
<td>Middle America, birds from</td>
<td>655</td>
</tr>
<tr>
<td>Middle Cambrian fossils</td>
<td>738</td>
</tr>
<tr>
<td>Miller, Gerrit S., jr.</td>
<td>39</td>
</tr>
<tr>
<td>[Mills, Clark]</td>
<td>79</td>
</tr>
<tr>
<td>Mineral collections, classification of the</td>
<td>107</td>
</tr>
<tr>
<td>Mineralogical collections, the</td>
<td>92</td>
</tr>
<tr>
<td>Mineralogy. (See under Geology.)</td>
<td></td>
</tr>
<tr>
<td>Minerals and their synonyms</td>
<td>33</td>
</tr>
<tr>
<td>catalogue of series illustrating the properties of the nonmetallic</td>
<td>104</td>
</tr>
<tr>
<td>Minneapolis Exposition, report on participation of the Smithsonian Institution in the.</td>
<td>23</td>
</tr>
<tr>
<td>Minnesota. Mollusks</td>
<td>1190</td>
</tr>
<tr>
<td>Mississippi. Fishes, Fishes</td>
<td>179</td>
</tr>
<tr>
<td>Mississippi River. Fishes</td>
<td>467</td>
</tr>
<tr>
<td>Mississippi River (Lower). Fishes</td>
<td>90</td>
</tr>
<tr>
<td>Missouri. Fishes</td>
<td>470</td>
</tr>
<tr>
<td>Mollusks.</td>
<td>661</td>
</tr>
<tr>
<td>[Mitsukuri, Professor]</td>
<td>1108</td>
</tr>
<tr>
<td>Mollusks. Africa, West</td>
<td>940</td>
</tr>
<tr>
<td>Agriculture, Department of, list of shells received from Alaska</td>
<td>844</td>
</tr>
<tr>
<td>American land, fresh-water, and marine shells</td>
<td>48</td>
</tr>
<tr>
<td>Antilles, Solenidae</td>
<td>813</td>
</tr>
<tr>
<td>Arctic region</td>
<td>8</td>
</tr>
<tr>
<td>Auriculacea</td>
<td>519</td>
</tr>
<tr>
<td>Bering Sea</td>
<td>571</td>
</tr>
<tr>
<td>Bering Sea Island</td>
<td>562</td>
</tr>
<tr>
<td>Brachiopods, index to names applied to subdivisions of</td>
<td>B. 8</td>
</tr>
<tr>
<td>Bulimulus</td>
<td>958</td>
</tr>
<tr>
<td>California.</td>
<td>518</td>
</tr>
<tr>
<td>new land shelf from</td>
<td>898</td>
</tr>
<tr>
<td>California (Lower)</td>
<td>1191</td>
</tr>
<tr>
<td>Cardiidae, synopsis of the</td>
<td>536</td>
</tr>
<tr>
<td>Chitonids</td>
<td>958</td>
</tr>
<tr>
<td>Chitonids, synopsis of the</td>
<td>1214</td>
</tr>
<tr>
<td>Chitons</td>
<td>48</td>
</tr>
<tr>
<td>east coast of United States</td>
<td>214</td>
</tr>
<tr>
<td>on genera of</td>
<td>246</td>
</tr>
<tr>
<td>Commander Islands</td>
<td>228</td>
</tr>
<tr>
<td>Concerning the identification of</td>
<td>442</td>
</tr>
<tr>
<td>Costa Rica</td>
<td>11</td>
</tr>
<tr>
<td>Cuba</td>
<td>790</td>
</tr>
<tr>
<td>Cytherea cressateolidenses, notes on</td>
<td>149</td>
</tr>
<tr>
<td>Economic mollusks, appliances for capture and preparation for market (London Fisheries Exhibition)</td>
<td>27</td>
</tr>
<tr>
<td>Mollusks. Florida</td>
<td></td>
</tr>
<tr>
<td>land and fresh-water shells of</td>
<td>384</td>
</tr>
<tr>
<td>Galapagos Islands</td>
<td>519</td>
</tr>
<tr>
<td>Gnaithodon, monograph of</td>
<td>942</td>
</tr>
<tr>
<td>Haliotis fulgens, new variety of</td>
<td>988</td>
</tr>
<tr>
<td>Hyalina sterkiti (sp.)</td>
<td>1191</td>
</tr>
<tr>
<td>Indian Territory, land and fresh-water shells from</td>
<td>740</td>
</tr>
<tr>
<td>Instructions for collecting</td>
<td>39</td>
</tr>
<tr>
<td>International Boundary Commission of United States and Mexico</td>
<td>1111</td>
</tr>
<tr>
<td>Labrador</td>
<td>377</td>
</tr>
<tr>
<td>Land-shells, American, manual of</td>
<td>28</td>
</tr>
<tr>
<td>Leptoneese, North America and West Indies</td>
<td>1177</td>
</tr>
<tr>
<td>Limpets</td>
<td>48</td>
</tr>
<tr>
<td>eastern coast of the United States</td>
<td>561</td>
</tr>
<tr>
<td>Lucinacea, synopsis of the</td>
<td>1237</td>
</tr>
<tr>
<td>Martha's Vineyard</td>
<td>284</td>
</tr>
<tr>
<td>Mexican boundary survey</td>
<td>1033</td>
</tr>
<tr>
<td>Minnesota</td>
<td>1190</td>
</tr>
<tr>
<td>Missouri</td>
<td>651</td>
</tr>
<tr>
<td>Naiades, synopsis of</td>
<td>1205</td>
</tr>
<tr>
<td>North American land, fresh-water, and marine shells</td>
<td>971</td>
</tr>
<tr>
<td>North Labrador and Arctic seas</td>
<td></td>
</tr>
<tr>
<td>Northeastern coast</td>
<td>76</td>
</tr>
<tr>
<td>Pacific coast</td>
<td>1034</td>
</tr>
<tr>
<td>Pearly fresh-water muscles</td>
<td></td>
</tr>
<tr>
<td>Pearly fresh-water mussells</td>
<td></td>
</tr>
<tr>
<td>synopsis of</td>
<td></td>
</tr>
<tr>
<td>Point Barrow expedition</td>
<td>580</td>
</tr>
<tr>
<td>Pteropods and Heteropods, collected by “Albatross,” 1887–88</td>
<td>943</td>
</tr>
<tr>
<td>Pupide, new subgenus of</td>
<td>726</td>
</tr>
<tr>
<td>Revision of deep-water mollusk, Part I, Bivalvia</td>
<td>1139</td>
</tr>
<tr>
<td>San Pedro Bay</td>
<td>898</td>
</tr>
<tr>
<td>Selenites celsalata (sp.)</td>
<td>584</td>
</tr>
<tr>
<td>duranti</td>
<td>584</td>
</tr>
<tr>
<td>Shell-bearing marine mollusks and brachiopods, southeastern coast of United States, preliminary catalogue of</td>
<td></td>
</tr>
<tr>
<td>Shells from Heron and Eagle lakes, Minnesota</td>
<td>37</td>
</tr>
<tr>
<td>Solenite of North America and Antilles</td>
<td>1190</td>
</tr>
<tr>
<td>South America</td>
<td>1185</td>
</tr>
<tr>
<td>Tahiti</td>
<td>1238</td>
</tr>
<tr>
<td>Tellinidae, synopsis of the</td>
<td>1210</td>
</tr>
<tr>
<td>Tres Marias and other localities</td>
<td></td>
</tr>
<tr>
<td>Turbinella pyrum, anatomy of</td>
<td>986</td>
</tr>
<tr>
<td>Unionidae of Florida and southeastern States</td>
<td>1128</td>
</tr>
<tr>
<td>Unio, Ozark region</td>
<td>651</td>
</tr>
<tr>
<td>Veronicella (slug)</td>
<td>1238</td>
</tr>
</tbody>
</table>
### INDEX TO TITLES.

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mollusks. Vertigo, American species of.</td>
<td>726</td>
</tr>
<tr>
<td>Vertigo cubana (n.sp.)</td>
<td>730</td>
</tr>
<tr>
<td>West American shells dredged by &quot;Albatross,&quot; 1887</td>
<td>849</td>
</tr>
<tr>
<td>West coast of North and South America</td>
<td>941</td>
</tr>
<tr>
<td>West Indian region</td>
<td>1011</td>
</tr>
<tr>
<td>Mollusks and brachiopods, collected by BEANO RENOSS. (1887-88)</td>
<td>773</td>
</tr>
<tr>
<td>Mollusks and brachiopods, Hawaiian</td>
<td>1082</td>
</tr>
<tr>
<td>Montana. Fossil coniferous wood</td>
<td>918, 921</td>
</tr>
<tr>
<td>Geology</td>
<td>1031</td>
</tr>
<tr>
<td>Mollerson, A. L.</td>
<td>924</td>
</tr>
<tr>
<td>Moore, Charles</td>
<td>94</td>
</tr>
<tr>
<td>Moore, J. Percy</td>
<td>1160</td>
</tr>
<tr>
<td>Moore, M. A.</td>
<td>202</td>
</tr>
<tr>
<td>Moore, Thomas (coauthor)</td>
<td>37</td>
</tr>
<tr>
<td>Morse, Edward S.</td>
<td>82</td>
</tr>
<tr>
<td>Mount Vernon, stone age at</td>
<td>730</td>
</tr>
<tr>
<td>Murbach, Louis</td>
<td>1067</td>
</tr>
<tr>
<td>Murdoch, John</td>
<td>459, 762</td>
</tr>
<tr>
<td>Museum administration, principles</td>
<td>11</td>
</tr>
<tr>
<td>catalogues</td>
<td>32</td>
</tr>
<tr>
<td>classification, outline of scheme of</td>
<td>13</td>
</tr>
<tr>
<td>history and museums of history</td>
<td>1897</td>
</tr>
<tr>
<td>methods, recent advances in</td>
<td>70</td>
</tr>
<tr>
<td>Museum, National, genesis of the</td>
<td>55</td>
</tr>
<tr>
<td>Museums of the future</td>
<td>36</td>
</tr>
<tr>
<td>Musical scales, history of</td>
<td>82</td>
</tr>
<tr>
<td>Myological specimens, preparation of</td>
<td>243</td>
</tr>
<tr>
<td>Myriapods. Airican</td>
<td>908</td>
</tr>
<tr>
<td>West</td>
<td>951</td>
</tr>
<tr>
<td>Blind species from Lunay Cave</td>
<td>181</td>
</tr>
<tr>
<td>Chilopods. Geophilide, arrangement of</td>
<td>1039</td>
</tr>
<tr>
<td>Chilopods. Geophilus attenuatus</td>
<td>1038</td>
</tr>
<tr>
<td>Congo</td>
<td>1036</td>
</tr>
<tr>
<td>Ctenoïlulus (n. gen.)</td>
<td>968</td>
</tr>
<tr>
<td>Cuba</td>
<td>720</td>
</tr>
<tr>
<td>Diplopods. African, Gomphosdesmida.</td>
<td>1170</td>
</tr>
<tr>
<td>African, Pachy-</td>
<td>1168</td>
</tr>
<tr>
<td>Ichus</td>
<td>1154</td>
</tr>
<tr>
<td>Merocheta</td>
<td>1154</td>
</tr>
<tr>
<td>New genus from Surinam</td>
<td>1037</td>
</tr>
<tr>
<td>Polydesmonidae</td>
<td>1042</td>
</tr>
<tr>
<td>Stryaíidæ</td>
<td>1169</td>
</tr>
<tr>
<td>Strongylosomatidæ, revision of</td>
<td>1137</td>
</tr>
<tr>
<td>Florida, Escambia County, new species from</td>
<td>631</td>
</tr>
<tr>
<td>Fontaria pulchella (n. sp.)</td>
<td>714</td>
</tr>
<tr>
<td>Geophilide, notes on the</td>
<td>857</td>
</tr>
<tr>
<td>Indiana</td>
<td>731</td>
</tr>
<tr>
<td>new species from</td>
<td>632</td>
</tr>
<tr>
<td>Myriapods. List of</td>
<td>181</td>
</tr>
<tr>
<td>Lithobida; notes on the</td>
<td>625</td>
</tr>
<tr>
<td>Lysipetalidae, list of</td>
<td>181</td>
</tr>
<tr>
<td>Nat. Mus. collection</td>
<td>722</td>
</tr>
<tr>
<td>North American</td>
<td>846</td>
</tr>
<tr>
<td>new species</td>
<td>670</td>
</tr>
<tr>
<td>Oxydesmus (diplopoda)</td>
<td>1036</td>
</tr>
<tr>
<td>Scolependrellidae, genera of</td>
<td>280</td>
</tr>
<tr>
<td>Scutigeridae, notes on the</td>
<td>625</td>
</tr>
<tr>
<td>Tennessee</td>
<td>791</td>
</tr>
<tr>
<td>Virginia</td>
<td>181</td>
</tr>
<tr>
<td>Myzonts. (See under Fishes.)</td>
<td></td>
</tr>
<tr>
<td>Natural history of Lower California</td>
<td>860</td>
</tr>
<tr>
<td>Navajo.</td>
<td>902</td>
</tr>
<tr>
<td>Navajo, evolution of house building among the</td>
<td>697</td>
</tr>
<tr>
<td>Navajo shoemaker</td>
<td>683</td>
</tr>
<tr>
<td>Naval architecture, prehistoric</td>
<td>61</td>
</tr>
<tr>
<td>Nebraska. Geology</td>
<td>187</td>
</tr>
<tr>
<td>Needham, James G.</td>
<td>39</td>
</tr>
<tr>
<td>Nelson, E. W.</td>
<td>395, 399</td>
</tr>
<tr>
<td>Nelson, Elias</td>
<td>1230</td>
</tr>
<tr>
<td>Nematoda, northeastern coast</td>
<td>76</td>
</tr>
<tr>
<td>Neumertina, northeastern coast</td>
<td>76</td>
</tr>
<tr>
<td>Nevada. Fossil cognipinoid (Miocene)</td>
<td>1212</td>
</tr>
<tr>
<td>Newbserry, J. S.</td>
<td>306</td>
</tr>
<tr>
<td>New Brunswick. Anthropology (shell-mounds)</td>
<td>229</td>
</tr>
<tr>
<td>New England. Anthropology (shell-mounds)</td>
<td>229</td>
</tr>
<tr>
<td>Crustaceans</td>
<td>172</td>
</tr>
<tr>
<td>decapod</td>
<td>455</td>
</tr>
<tr>
<td>Fishes</td>
<td>77</td>
</tr>
<tr>
<td>P.165, P.177, P.183, P.658</td>
<td></td>
</tr>
<tr>
<td>Isopods</td>
<td>75</td>
</tr>
<tr>
<td>Newfoundland. Explorations in</td>
<td>42</td>
</tr>
<tr>
<td>Fishes</td>
<td>184</td>
</tr>
<tr>
<td>New Hampshire. Fishes</td>
<td>671</td>
</tr>
<tr>
<td>New Jersey. Geology (serpentine)</td>
<td>694</td>
</tr>
<tr>
<td>New Mexico. Birds</td>
<td>432</td>
</tr>
<tr>
<td>Crustaceans</td>
<td>1128</td>
</tr>
<tr>
<td>Fossils</td>
<td>115</td>
</tr>
<tr>
<td>Fossil wood</td>
<td>676</td>
</tr>
<tr>
<td>Geology</td>
<td>978</td>
</tr>
<tr>
<td>blue mineral</td>
<td>978</td>
</tr>
<tr>
<td>Mammals</td>
<td>994</td>
</tr>
</tbody>
</table>

1 Also reprinted in Museum Report for 1897, Vol. II.
<table>
<thead>
<tr>
<th>Title</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plan for collection of building and ornamental stones</td>
<td>C. 25</td>
</tr>
<tr>
<td>Plan for collection of mammals</td>
<td>C. 29</td>
</tr>
<tr>
<td>Plan for illustrating gems and precious stones</td>
<td>C. 26</td>
</tr>
<tr>
<td>Plan for illustrating the textile industries</td>
<td>C. 24</td>
</tr>
<tr>
<td>Plan to illustrate the mineral resources of the United States</td>
<td>C. 31</td>
</tr>
<tr>
<td>Report on Smithsonian exhibit at New York</td>
<td>R. 9</td>
</tr>
<tr>
<td>Sketch of Smithsonian exhibit at New York</td>
<td>R. 7</td>
</tr>
<tr>
<td>New York. Anthropology</td>
<td>P. 351</td>
</tr>
<tr>
<td>Fishes</td>
<td>P. 511</td>
</tr>
<tr>
<td>Fossil plants</td>
<td>P. 928</td>
</tr>
<tr>
<td>Mammals of Catskills</td>
<td>P. 147</td>
</tr>
<tr>
<td>Serpentinite rocks</td>
<td>P. 783</td>
</tr>
<tr>
<td>Nikolak, A. P.</td>
<td>R. 24, P. 718, C. 23</td>
</tr>
<tr>
<td>Nicaragua. Birds</td>
<td>P. 391, P. 417, P. 1000</td>
</tr>
<tr>
<td>Fishes</td>
<td>P. 732</td>
</tr>
<tr>
<td>Mammals</td>
<td>P. 743</td>
</tr>
<tr>
<td>[Nichols, Lieut. Henry E.]</td>
<td>P. 221</td>
</tr>
<tr>
<td>Nomenclator Zoologicus (1882)</td>
<td>B. 19</td>
</tr>
<tr>
<td>Nomenclature of North American birds</td>
<td>B. 21</td>
</tr>
<tr>
<td>whalebone whales</td>
<td>P. 1163</td>
</tr>
<tr>
<td>Nonmetallic minerals</td>
<td>R. 111</td>
</tr>
<tr>
<td>Norsk naval architecture</td>
<td>P. 563</td>
</tr>
<tr>
<td>North America. Batrachians of</td>
<td>B. 34</td>
</tr>
<tr>
<td>Fishes of, synopses of the</td>
<td>B. 16</td>
</tr>
<tr>
<td>Myriapods</td>
<td>P. 670</td>
</tr>
<tr>
<td>North American bats, introduction to monograph</td>
<td>P. 919</td>
</tr>
<tr>
<td>North American bats, monograph of</td>
<td>B. 43</td>
</tr>
<tr>
<td>North American birds, life histories of</td>
<td>Sp. B. 1, Sp. B. 3</td>
</tr>
<tr>
<td>North American birds, nomenclature of</td>
<td>B. 21</td>
</tr>
<tr>
<td>North American ichthyology, contributions to</td>
<td>B. 9</td>
</tr>
<tr>
<td>(I)</td>
<td>B. 10</td>
</tr>
<tr>
<td>(II)</td>
<td>B. 12</td>
</tr>
<tr>
<td>North American Syrphidae, synopsis of the</td>
<td>B. 31</td>
</tr>
<tr>
<td>North and Middle American birds</td>
<td>B. 50</td>
</tr>
<tr>
<td>North and Middle American fishes</td>
<td>B. 47</td>
</tr>
<tr>
<td>North Carolina. Annelids (Polychaeta)</td>
<td>P. 852</td>
</tr>
<tr>
<td>Fishes, P. 55, P. 124, P. 178, P. 504</td>
<td>B. 560</td>
</tr>
<tr>
<td>North Pacific surveying expedition, Pseudoniraproanima collected by</td>
<td>P. 238</td>
</tr>
<tr>
<td>Norway. Birds</td>
<td>P. 686</td>
</tr>
<tr>
<td>Nova Scotia. Fishes</td>
<td>P. 65</td>
</tr>
<tr>
<td>[Nye, W.]</td>
<td>P. 420</td>
</tr>
</tbody>
</table>

**O.**

<table>
<thead>
<tr>
<th>Title</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Ober, Frederick A.]</td>
<td>P. 19</td>
</tr>
<tr>
<td>P. 27, P. 35, P. 45, P. 51, P. 67, P. 61</td>
<td></td>
</tr>
<tr>
<td>Oberholser, Harry C.</td>
<td>P. 1080, P. 1183, P. 1180, P. 1182, P. 1195, P. 1196, P. 1197</td>
</tr>
<tr>
<td>Oceanic ichthyology</td>
<td>Sp. B. 2</td>
</tr>
<tr>
<td>Ohio. Cloth from mound</td>
<td>P. 347</td>
</tr>
<tr>
<td>Fishes from Maumee Valley</td>
<td>P. 737</td>
</tr>
<tr>
<td>Fossil plants</td>
<td>P. 792</td>
</tr>
<tr>
<td>Harvest-spiders, catalogue of</td>
<td>P. 950</td>
</tr>
<tr>
<td>Phalangidae</td>
<td>P. 950</td>
</tr>
<tr>
<td>Oil, porpoise, manufacture of</td>
<td>P. 9</td>
</tr>
<tr>
<td>Ontonagon copper bowlder</td>
<td>R. 94</td>
</tr>
<tr>
<td>Onyx marbles, origin, composition, and uses of</td>
<td>R. 75</td>
</tr>
<tr>
<td>Oology of North American birds, comparative</td>
<td>R. 69</td>
</tr>
<tr>
<td>Orcutt, Charles R. (coauthor)</td>
<td>P. 556</td>
</tr>
<tr>
<td>Oregon. Fishes</td>
<td>P. 20, P. 265</td>
</tr>
<tr>
<td>Fossil plants</td>
<td>P. 679</td>
</tr>
<tr>
<td>Mammals</td>
<td>P. 826</td>
</tr>
<tr>
<td>Organization and administration, National Museum, 1884</td>
<td>C. 1</td>
</tr>
<tr>
<td>Oriental antiquities, exhibit of section of (Cincinnati Exposition, 1888)</td>
<td>C. 59</td>
</tr>
<tr>
<td>Orinoco district. Birds</td>
<td>P. 589</td>
</tr>
<tr>
<td>Ornithology of Kerguelen Island</td>
<td>B. 2</td>
</tr>
<tr>
<td>Osteology. (See under Comparative anatomy.)</td>
<td></td>
</tr>
<tr>
<td>[Otaki, Keinosuke]</td>
<td>P. 1213</td>
</tr>
</tbody>
</table>

**P.**

<table>
<thead>
<tr>
<th>Title</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pacific coast. Birds</td>
<td>P. 85, P. 799</td>
</tr>
<tr>
<td>Crustaceans</td>
<td>P. 933</td>
</tr>
<tr>
<td>Fishes</td>
<td>P. 147</td>
</tr>
<tr>
<td>P. 167, P. 173, P. 183, P. 391, P. 233, P. 297, P. 1069</td>
<td></td>
</tr>
<tr>
<td>Isopods, key to the</td>
<td>P. 1125</td>
</tr>
<tr>
<td>Mollusks</td>
<td>P. 1034</td>
</tr>
<tr>
<td>Shells dredged by “Albavlos”</td>
<td>P. 849</td>
</tr>
<tr>
<td>(Tropical America) fishes, apodal</td>
<td>P. 856</td>
</tr>
<tr>
<td>(Tropical America) list of fishes from</td>
<td>P. 556</td>
</tr>
<tr>
<td>Packard, R. L.</td>
<td>P. 978</td>
</tr>
<tr>
<td>Palawan Islands. Birds, list and distribution of</td>
<td>P. 1184</td>
</tr>
<tr>
<td>Paleontology. (See under Fossils.)</td>
<td></td>
</tr>
<tr>
<td>Pallas' cormorant, contributions to history of</td>
<td>P. 765</td>
</tr>
<tr>
<td>cranium of</td>
<td>P. 1095</td>
</tr>
<tr>
<td>Palmer, Wm.</td>
<td>P. 819</td>
</tr>
<tr>
<td>Panama. Fishes</td>
<td>P. 292</td>
</tr>
<tr>
<td>P. 294, P. 327, P. 329, P. 334, P. 492, P. 639, P. 840</td>
<td></td>
</tr>
<tr>
<td>Title</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Parasitology, avian entozoa, notes on</td>
<td>P. 893</td>
</tr>
<tr>
<td>biting lice (Mallophaga)</td>
<td>P. 1183</td>
</tr>
<tr>
<td>Cestode parasites of fishes, larval</td>
<td>P. 1123</td>
</tr>
<tr>
<td>Chalcid flies, genera of</td>
<td>P. 1202</td>
</tr>
<tr>
<td>Ichneumon flies, classification of</td>
<td>P. 1206</td>
</tr>
<tr>
<td>leeches in U. S. National Museum</td>
<td>P. 1160</td>
</tr>
<tr>
<td>Lucilia macellaria infesting man</td>
<td>P. 348</td>
</tr>
<tr>
<td>parasites of Hessian fly</td>
<td>P. 552</td>
</tr>
<tr>
<td>parasitic copepods, descriptions of</td>
<td>P. 572</td>
</tr>
<tr>
<td>parasitic copepods, Lernanthropus</td>
<td>P. 664</td>
</tr>
<tr>
<td>parasitic copepods, list of</td>
<td>P. 454</td>
</tr>
<tr>
<td>parasitic copepods, Peripatopsus</td>
<td>P. 664</td>
</tr>
<tr>
<td>parasitic copepods, Trebius</td>
<td>P. 664</td>
</tr>
<tr>
<td>parasitic hymenopterous insects</td>
<td>P. 1092</td>
</tr>
<tr>
<td>parasitic insects of subfamily Encyrtina</td>
<td>P. 1142</td>
</tr>
<tr>
<td>tapeworms of hares and rabbits</td>
<td>P. 1105</td>
</tr>
<tr>
<td>trematode parasites of fishes</td>
<td>P. 1153</td>
</tr>
<tr>
<td>parasite from hen’s egg</td>
<td>P. 636</td>
</tr>
<tr>
<td>Paris Exposition, 1889, anthropology at the</td>
<td>R. 54</td>
</tr>
<tr>
<td>Peck, James I</td>
<td>P. 943</td>
</tr>
<tr>
<td>Penhallow, D. P.</td>
<td>P. 925, P. 929</td>
</tr>
<tr>
<td>Pennsylvania, Fossil plants</td>
<td>P. 928</td>
</tr>
<tr>
<td>Geology</td>
<td>P. 341</td>
</tr>
<tr>
<td>Mammals</td>
<td>P. 338</td>
</tr>
<tr>
<td>Scyphomedusus, serpentine rocks</td>
<td>P. 783</td>
</tr>
<tr>
<td>Pensacola. Fishes</td>
<td>P. 463, P. 565</td>
</tr>
<tr>
<td>Persepolitan casts, two</td>
<td>R. 50</td>
</tr>
<tr>
<td>Peru, Birds</td>
<td>P. 643</td>
</tr>
<tr>
<td>Petroleum collections, with reference to</td>
<td>C. 3</td>
</tr>
<tr>
<td>Petropaulovski. Birds</td>
<td>P. 345</td>
</tr>
<tr>
<td>Philadelphia Exhibition, catalogue of exhibit of animal resources and fishes by the Smithsonian Institution at the</td>
<td>B. 14</td>
</tr>
<tr>
<td>Philippine Islands, birds, list and distribution of</td>
<td>P. 1131</td>
</tr>
<tr>
<td>Ornithology (Parts I and II)</td>
<td>P. 1134</td>
</tr>
<tr>
<td>Phillips, Barnet</td>
<td>C. 10</td>
</tr>
<tr>
<td>Phyllophagus bivulsee, new subfamily of</td>
<td>P. 912</td>
</tr>
<tr>
<td>Physiology. Fishes, relations of temperature to vertebrae among slider terrapin, influence of temperature on the heart of the</td>
<td>P. 515</td>
</tr>
<tr>
<td>Pipes and smoking customs of North American aborigines</td>
<td>R. 103</td>
</tr>
<tr>
<td>Pirz, Anthony</td>
<td>P. 226</td>
</tr>
<tr>
<td>Pit dwellers of Yezo, ancient</td>
<td>R. 49</td>
</tr>
<tr>
<td>Plaster casts, method of making and preserving</td>
<td>P. 226</td>
</tr>
<tr>
<td>Plateau, Felix</td>
<td>P. 213</td>
</tr>
<tr>
<td>Plumbularidae, the</td>
<td>Sp. B. 4</td>
</tr>
<tr>
<td>Poey, Felipe</td>
<td>P. 3</td>
</tr>
<tr>
<td>Point Barrow Expedition, shells collected by the</td>
<td>P. 460</td>
</tr>
<tr>
<td>Pointed bark canoes of the Kutenan and</td>
<td>P. 450</td>
</tr>
<tr>
<td>Amur</td>
<td>R. 114</td>
</tr>
<tr>
<td>Poisonous snakes of North America</td>
<td>R. 73</td>
</tr>
<tr>
<td>Polar expedition, Howgate</td>
<td>R. 15</td>
</tr>
<tr>
<td>Police system in Museum</td>
<td>C. 1</td>
</tr>
<tr>
<td>Polyzoans, northeastern coast</td>
<td>P. 76</td>
</tr>
<tr>
<td>[Pond, Lieut. Chas. F.]</td>
<td>P. 725</td>
</tr>
<tr>
<td>Porifera (sponges), Camaraphynassa</td>
<td>P. 145</td>
</tr>
<tr>
<td>Chesapeake Bay</td>
<td>P. 145</td>
</tr>
<tr>
<td>London Fisheries Exibition</td>
<td>B. 27 (8)</td>
</tr>
<tr>
<td>Mexico (fresh-water)</td>
<td>P. 542</td>
</tr>
<tr>
<td>northeastern coast</td>
<td>P. 76</td>
</tr>
<tr>
<td>Porpoise oil, manufacture of</td>
<td>P. 9</td>
</tr>
<tr>
<td>Porter, J. H.</td>
<td>R. 17</td>
</tr>
<tr>
<td>Porter, Joseph Y. (coauthor)</td>
<td>P. 200</td>
</tr>
<tr>
<td>Porter, Joseph Y. (coauthor)</td>
<td>P. 37</td>
</tr>
<tr>
<td>Porto Rico. Birds</td>
<td>P. 238</td>
</tr>
<tr>
<td>Insects (diptera)</td>
<td>P. 1188</td>
</tr>
<tr>
<td>Potomae tidewater region, archaeology of</td>
<td>P. 776</td>
</tr>
<tr>
<td>Pottery, an early West Virginia</td>
<td>R. 115</td>
</tr>
<tr>
<td>Potts, Edward</td>
<td>P. 542</td>
</tr>
<tr>
<td>Pratt, R. H.</td>
<td>P. 23</td>
</tr>
<tr>
<td>Prehistoric anthropology, a study of</td>
<td>R. 29</td>
</tr>
<tr>
<td>exhibits of department of (Cincinnati Exposition, 1888)</td>
<td>C. 40</td>
</tr>
<tr>
<td>relating to department of archeology (see under Anthropology)</td>
<td>C. 42</td>
</tr>
<tr>
<td>art</td>
<td>R. 98</td>
</tr>
<tr>
<td>Prentiss, D. Webster (coauthor)</td>
<td>B. 26</td>
</tr>
<tr>
<td>Preparation:1 gelatin casts</td>
<td>P. 925</td>
</tr>
<tr>
<td>Japanese lacquer</td>
<td>P. 745</td>
</tr>
<tr>
<td>metallic casting of delicate natural objects</td>
<td>P. 212</td>
</tr>
<tr>
<td>myological specimens</td>
<td>P. 213</td>
</tr>
<tr>
<td>plaster casts, making and preserving</td>
<td>P. 236</td>
</tr>
<tr>
<td>rough skeletons</td>
<td>B. 39 (c)</td>
</tr>
<tr>
<td>Semper's method of making anatomical preparations</td>
<td>P. 239</td>
</tr>
<tr>
<td>Preservation of specimens from insects and effects of dampness</td>
<td>R. 22</td>
</tr>
<tr>
<td>Prime, Temple</td>
<td>P. 415</td>
</tr>
<tr>
<td>Primitive American armor</td>
<td>R. 77</td>
</tr>
<tr>
<td>frame for weaving narrow fabrics</td>
<td>R. 112</td>
</tr>
<tr>
<td>methods of drilling</td>
<td>R. 87</td>
</tr>
<tr>
<td>travel and transportation</td>
<td>R. 83</td>
</tr>
<tr>
<td>Principles of museum administration</td>
<td>R. 117</td>
</tr>
<tr>
<td>Rep. 1897 (II)</td>
<td></td>
</tr>
<tr>
<td>Protozoans, foraminifera, recent, a descriptive catalogue of</td>
<td>R. 102</td>
</tr>
<tr>
<td>Vorticella, chlorophyllum</td>
<td>P. 98</td>
</tr>
<tr>
<td>granules of</td>
<td></td>
</tr>
<tr>
<td>Proudtit, S. V.</td>
<td>P. 510</td>
</tr>
<tr>
<td>Providence Island. Insects</td>
<td>P. 1119</td>
</tr>
<tr>
<td>Publications of National Museum, list of</td>
<td>C. 18</td>
</tr>
<tr>
<td>1882</td>
<td></td>
</tr>
<tr>
<td>Puget Sound. Fishes</td>
<td>P. 170, P. 226, P. 753, P. 939</td>
</tr>
</tbody>
</table>
INDEX TO TITLES.

Puget Sound. Hydroids .................................. P.1171
Mammals ................................................. P.692
Puma, or American lion .................................. R.39
Punta Arenas. Fishes .................................... P.659

R.

Rafinesque's "Analyse de la Nature," note on .................................. P.648
Memoirs on North American fishes, review of .................................. B.9
Rail and track, American, development of .................................. R.41
[ Ralph, Dr. W. L. ] .......................................... C.50
Rathbun, Mary J. ......................................... R.91, P.927,
P.933, P.939, P.979, P.980, P.984, P.986,
P.1070, P.1071, P.1104, P.1158, P.1162, P.1199
Rathbun, Mary J. (coauthor) ................................ P.858
Rathbun, Richard ........................................ P.82, P.128, P.230, P.231,
P.371, P.454, P.541, P.547, P.569,
P.572, P.604, P.635, P.646, P.664, B.27, C.50
Rau, Charles .............................................. P.233, C.21
Reid, Savile G ............................................ B.25 (IV)
Relief-printing in the fifteenth and sixteenth centuries .................................. R.46
Religious history and ceremonial, collections illustrating .................................. R.81
Rensselaer, Mrs. J. King van ................................ P.836
Reptiles. Africa, East ..................................... P.857, P.862
Bahama Islands ............................................ P.1219
Barissia, on the genus ..................................... P.809
Basanion flagellum ........................................ P.1022
Bermuda ..................................................... B.25 (VI)
Box-tortoises of North America .................................. P.1019
Butler's rattler snake ........................................ P.1021
California .................................................. P.623, P.689, P.766,
P.878, P.944, P.977, P.1020, P.1044
California, Gulf of ........................................ P.809
California; Lower .......................................... P.788
Chameleos abbottii (n. sp.) ................................ P.857
Chameleon, new species from .................................. P.857
Kilima-njaro ................................................ P.857
Charina, new species of .................................... P.689
Charina, on the genus ........................................ P.898
Clarion Island .............................................. P.800, P.1231
Cnemidophorus labialis (n. sp.) ................................ P.788
martyris (n. sp.) ............................................ P.863
Coachwhip snake, specific name of .................................. P.1022
Colubrine snakes, North American, new genus and species of .................................. P.892
Congo Free State .......................................... P.969
Crocodylians, lizards, and snakes of North America .................................. R.110
Ctenosaura palinaris (n. sp.) ................................ P.1151
Eutanaia, Indiana .......................................... P.729
Florida ....................................................... P.727, P.1107
Guatemala .................................................... P.1151
Hawaiian Islands .......................................... P.1174
Horned toads, ejection of blood from eyes of .................................. P.907
Iguana, spiny-tailed, new species of .................................. P.1217
Indiana ....................................................... P.729
Jamaica ....................................................... P.1218

Reptiles. Lichanua, on the genus .................................. P.878
Lygosoma kilimensis (n. sp.) ................................ P.862
Malaclemys, turtles of the genus .................................. P.903
Mexico ....................................................... P.922
New species of, in National Museum .................................. P.359
North American snakes, notes on .................................. P.876
Phyllorhynchus brownii (n. g. and sp.) .................................. P.802
Poisonous snakes of North America .................................. R.73
Pseudemys rugosa; influence of temperature on heart of .................................. P.515
San Pedro Martir Island ..................................... P.863
Sauronaulus, new species of .................................. P.864
Sceloporus variabilis, notes on .................................. P.873
Scincoid lizard, new ........................................ P.862
Sieron lichenoides, observations on .................................. P.199
Snakes, breeding habits, etc .................................. P.909
Snakes of North America, poisonous .................................. R.73
Snakes of North America, review of characters and variations of .................................. P.882
Socorro Island .............................................. P.800
Spiny-tailed Iguana, Guatemala .................................. P.1151
Soreria dekayi .............................................. P.678
Tantilla senesi (n. sp.) ..................................... P.1014
Thamnophis butleri .......................................... P.1021
Tropidonotus, new species of .................................. P.615
Typhlops preocularis (n. sp.) ................................ P.969
Utia macceri (n. sp.) ........................................ P.1020
Utila Island, Honduras ...................................... P.1217
Verticaria bedinglei (n. sp.) ................................ P.977
Virginia ....................................................... P.1150

Reptiles and Batrachians, Africa, East .................................. P.970
"Albatross," collected by, 1887-88 .................................. P.769
Bahama Islands ............................................. P.645
Central America, catalogue of .................................. R.32
Directions for collecting .................................. B.39 (E)
Florida ....................................................... P.1003
Mexico ....................................................... P.922, P.559
Mexico, catalogue of ........................................ B.32
New species of ............................................ P.299
North American, check list of .................................. B.1, B.21
Texas ......................................................... P.728
Rhode Island, sand-fleas ..................................... P.1084
Rice, Wm. North ........................................... B.25 (1)
Richardson, Harriet ......................................... P.1128
P.1175, P.1189, P.1222
Richmond, Charles W ....................................... P.947,
P.1024, P.1078, P.1085, P.1090, P.1091,
P.1096, P.1118, P.1200, P.1201
INDEX TO TITLES.

165

Ridgway, Robert

P. 45, P. 7, P. 21

P. 38, P. 39, P. 60, P. 102, P. 138, P. 155

P. 188, P. 189, P. 185, P. 219, P. 23, P. 234

P. 235, P. 236, P. 238, P. 240, P. 247, P. 259

P. 262, P. 264, P. 270, P. 285, P. 311, P. 312

P. 315, P. 339, P. 345, P. 356, P. 360, P. 361

P. 362, P. 390, P. 392, P. 400, P. 411, P. 412

P. 430, P. 432, P. 446, P. 457, P. 458, P. 471

P. 472, P. 474, P. 475, P. 476, P. 477, P. 478

P. 490, P. 491, P. 498, P. 493, P. 494, P. 496

P. 522, P. 524, P. 538, P. 539, P. 555, P. 556

P. 567, P. 573, P. 588, P. 589, P. 590, P. 591

P. 599, P. 600, P. 635, P. 611, P. 612, P. 616

P. 617, P. 618, P. 619, P. 625, P. 643, P. 644

P. 650, P. 654, P. 653, P. 656, P. 560, P. 661

P. 665, P. 674, P. 691, P. 693, P. 708, P. 750

P. 761, P. 762, P. 757, P. 769, P. 796, P. 828

P. 876, P. 868, P. 899, P. 870, P. 871, P. 872

P. 877, P. 895, P. 923, P. 945, P. 953, P. 955

P. 956, P. 960, P. 961, P. 962, P. 964, P. 1007

P. 1006, P. 1010, P. 1015, P. 1067, P. 1074, P. 1079

P. 1116, B. 21, B. 27, B. 39 (A), C. 50

[INDEX TO TITLES.

P. 56, P. 205, P. 313, P. 314, P. 386, P. 391

Riley, Charles V. P. 330, P. 552, P. 591, B. 39 (v)

Robison, Wirt P. 733, P. 1093

Rockhill, William Woodville R. 79

Rose, Joseph N. (coauthor) P. 749, P. 801

Rothrock, J. T. P. 397

[Howell, Rev.] P. 294

[Russell, I. C.] P. 688

Ryder, John A. P. 145, P. 181, P. 197

P. 280, P. 398, P. 501, P. 502, P. 553

Ryder, John A. (coauthor) P. 381, P. 382, P. 408

Ryder, John A., remarks on Semper's method of making dry preparations, by P. 220

S.

Sable Island bank. Fishes P. 41

St. Croix, botany of B. 13

St. Georges banks. Fishes P. 17

St. Paul's Island. Mesozoic fossils P. 793

St. Peter's Island. Mesozoic fossils P. 793

St. Vincent. Birds P. 27

Salaman der. Typhlotriton speleus (n. g. and n. sp.) P. 894

San Diego, fishes of P. 897

Sandstone concretions, formation of P. 987

Sandwich Islands. Birds P. 236

Crustaceans P. 993

San Pedro Bay. Mol lusk s P. 898

San Pedro Martir Id., new lizard from P. 803

Santa Barbara Islands. Fishes P. 880

Santa Lucía. Birds P. 769

Fishes P. 789

Satoh, H. R. 86

"Savannah," log of the R. 53

Schuchert, Charles P. 1117, P. 1192, B. 39 (k)

Scientific investigation of the sea and fresh waters (London Fisheries Exhibition) B. 27

Taxidermy for museums R. 65

Sclater, Philip Lutley, the published writings of B. 49

Scofield, Norman Bishop (coauthor) P. 1131

Scollick, J. W. P. 926

Scudder, N. P. B. 23

Scudder, Samuel H. B. 19, P. 1124

Sea nettles, urticating organs of P. 1097

Sedgianis. (See under Fishes.)

Semper's method (dry preparations) P. 220

Seychelles Islands. Birds P. 1079

Lepidoptera P. 1064

Shell-bearing marine mollusks and brachiopods, s. c. coast of United States B. 37

Shell-heaps. Florida, east coast P. 966

Shells. (See under Mollusks)

Shinto, or mythology of the Japanese R. 58

Sibolar, the R. 66

its use and origin P. 396

Shufeldt, R. W. P. 65

R. 69, R. 95, P. 245, P. 493, P. 499, P. 500, P. 683,

P. 711, P. 713, P. 859, P. 860, P. 889, P. 902

[Shufeldt, R. W.] P. 437

Siberia. Birds P. 274

Fishes P. 210

Simpson, Chas. T. P. 740

P. 911, P. 952, P. 1011, P. 1068, P. 1072, P. 1205

Skeletos, on the preparation of C. 33

Slade, Elisha P. 409

Smith, Hugh M. P. 806, P. 1150

Smith, John B. P. 581

P. 633, P. 634, P. 647, P. 706, P. 747

P. 781, P. 838, P. 859, P. 891, P. 892, P. 1184, B. 38, B. 44, B. 48

Smith, John B. (coauthor) P. 1140

Smith, Rosi. P. 133, P. 157, P. 208, P. 256,

P. 337, P. 372, P. 373, P. 576, P. 409, P. 563

Smith, Rosi (coauthor) P. 272

Smith, Sidney J. P. 83, P. 99,

P. 172, P. 343, P. 374, P. 375, P. 455, P. 506, P. 597

Smith, Silas B. P. 244

Snakes, North American, notes on P. 876

poisonous, of North America R. 73

Snakes of North America, crocodilians, lizards, and P. 110

Snyder, John O. (coauthor) P. 1233

P. 1233, P. 1235, P. 1239, P. 1240

Socorro Island. Botany P. 501

Reptiles P. 500

Somalliland. Lepidoptera P. 1063

South America. Fishes, catalogue of P. 842

Mollusks P. 854

South Carolina. Fishes P. 124, P. 328, P. 627

P. 1307

Spiders. (See under Arachnids.)

Sponges (Porifera), Ctenophysea P. 145

Chesapeake Bay P. 145

London Fisheries Exhibition B. 27 (n)

Mexico (fresh-water) P. 542

northeastern coast B. 76

Spotted dolphin R. 4

Stalactites and gypsum incrustations P. 935

Stanton, Timothy W. P. 1109, P. 1135

Starks, Edwin C. P. 1165, P. 1173, P. 1186

Starks, Edwin C. (coauthor) P. 1232

Stearns, R. F. C. R. 19

P. 346, P. 583, P. 584, P. 585, P. 941, P. 942,

P. 971, P. 976, P. 1145, P. 1149, P. 1190, P. 1191

Stearns, Silas P. 25, P. 548
INDEX TO TITLES.

[Stearns, Silas] .............. P. 74, P. 465, P. 565
Stearns, W. A ............... P. 583
[Stearns, W. A.] .............. P. 574
Steindachner, Franz .......... P. 36
Stejneger, Leonhard ....... R. 73, P. 239, P. 300, P. 261,
P. 275, P. 301, P. 344, P. 413, P. 421, P. 435,
P. 463, P. 473, P. 530, P. 558, P. 560, P. 570,
P. 576, P. 577, P. 578, P. 579, P. 582, P. 597,
P. 601, P. 609, P. 610, P. 614, P. 629, P. 640,
P. 641, P. 642, P. 649, P. 657, P. 658,
P. 692, P. 695, P. 701, P. 735, P. 731, P. 766,
P. 775, P. 788, P. 802, P. 808, P. 809, P. 857,
P. 862, P. 863, P. 864, P. 873, P. 574, P. 875,
P. 876, P. 878, P. 894, P. 904, P. 906, P. 931,
P. 944, P. 957, P. 969, P. 570, P. 974, P. 977,
P. 997, P. 1020, P. 1021, P. 1022, P. 1023, P. 1044,
P. 1088, P. 1144, P. 1151, P. 1174, P. 1178, P. 1217,
P. 1218, P. 1219, P. 1220, P. 1231, B. 29, B. 39 (E)
[Stejneger, Leonhard] ........ P. 345, P. 442,
P. 462, P. 549, P. 621, P. 1106, P. 1112
Stejneger, Leonhard (coauthor) ... P. 765, P. 847
Steller's sea-cow, date of extermination of .... P. 421
Steindachner, Franz ........ P. 36
Stone implements, District of Columbia.... P. 810
Stone age at Mount Vernon .......... P. 730
Stone implements, District of Columbia from India. .... P. 68
Stone, Livingston ............. P. 523
[Streets, Thomas H. ] ....... P. 638
Streets, Thos. H. ............. B. 7, P. 208
[Sumichrast, Francis H. ] ...... B. 4
Surinam (Diplopods) .......... P. 1037
Swain, Joseph ............... P. 283, P. 579
Swain, Joseph (coauthor) .... P. 272,
P. 332, P. 378, P. 414, P. 426, P. 428,
P. 434, P. 496, P. 447, P. 449, P. 463
Swaine, P. T. (coauthor) .... P. 257
Swan, James G ............... P. 112, P. 143
Swastika, the ............... R. 88
Synopsis of the North American Syrphidce B. 31

T.

Tahiti, Mollusks ............. P. 1238
Tassin, Wirt ................. R. 92,
R. 104, R. 107, R. 121, R. 122, B. 59 (H)
Taxidermy, classification of collection illustrating .................. C. 12
directions for removing and preserving skins of small mammals ................ C. 22
mammal skins for study and mounting ................ R. 15
scientific taxidermy for museums ................ R. 65
taxidermical methods in Leyden Museum ................ R. 95
[Taylor, William] .......... P. 728
Taylor, W. E ................. P. 1019
Technology. (See under Anthropology.)
Temminck's bat ................ P. 914
Tennessee. Insects ........... P. 914
Mammals .................... P. 721
Test, Frederick C. (coauthor) .... P. 1156
Test, Frederick C. .......... P. 847
Texas. Batrachians ........... P. 715, P. 1688
and reptiles ................ P. 728
Birds ....................... P. 22, P. 673, P. 964
Botany ...................... P. 555
Crustaceans ................ P. 1087
Fishes ....................... P. 282, P. 549, P. 1043
Fossil plants ................ P. 584
Fossils ...................... P. 98
(Triassic unics) ............. P. 1072
Mammals ..................... P. 599
On the zoological position of ................ R. 13
Textile fibers and fabrics ........................ fibers, microscopical mounts of ................ R. 14
industries, plan of Illustration, (New Orleans Exposition, 1884-85)........ C. 24
Thomas, Cyrus ................ C. 28
Thompson, Ernest E ........... P. 841
Thomson, W. J ............... R. 37
Throwing-sticks from Mexico and California ................ P. 392
in the National Museum .......... R. 1
Tibet, ethnology of ................ R. 79
Tokuno, T .................... R. 63
Tokyo, University of, Japanese woods presented by ........ P. 282
Tongues of birds ............. R. 93
topaz crystals ................ P. 1148
Tortoises. Xerobates, on the land tortoises of the genus ............. P. 249
Tortugas. Fishes ............. P. 57
Townsend, Charles H .......... P. 492, P. 623, P. 799, P. 806
[Townsend, Charles H. ] ...... P. 492, P. 669, P. 960
Transportation, exhibit of department of, (Cincinnati Exposition, 1888) .... C. 38
Trematode from white of egg ................ P. 636
Trematode parasites of fishes ........ P. 1133
Trentoh limestone, brachiopod from .......... P. 775
Truc Marias. Mollusks ........ P. 996
Trinominals in American ornithology ........ P. 413
Tropical America, birds from .......... P. 474
tailless batrachian from .......... P. 847
True, Frederick W ............ R. 4,
R. 5, R. 89, R. 97, P. 249, P. 256, P. 383, P. 338,
P. 394, P. 419, P. 468, P. 495, P. 540, P. 541,
P. 557, P. 564, P. 580, P. 602, P. 663, P. 659,
P. 699, P. 734, P. 743, P. 741, P. 812, P. 814,
P. 826, P. 915, P. 948, P. 954, P. 963, P. 972,
P. 976, P. 982, P. 999, P. 1004, P. 1006, P. 1069,
P. 1101, P. 1163, B. 27, B. 36, C. 29, C. 41, C. 49
True, Frederick W. (coauthor) .... R. 6
Tunica, northeastern coast .......... P. 76, P. 534
Turner, Lucien M ............. P. 279, P. 518, P. 736
[Turner, Lucien M. ] .......... P. 561
Type specimens, concerning the lending of .......... C. 35

U.

Uhler, Philip R ............... P. 1108
Uin, Eskimo woman's knife .......... R. 48
Unalashka. Fishes .......... P. 79
[Underwood, L.M. ] .......... B. 46
Unionida, northeastern North America, distribution in .......... P. 952
Upper Cambrian fossils, new forms of .......... P. 820

1 See also under Directions for collecting, Preservation, and Preparation.
INDEX TO TITLES.

U. S. Eclipse Expedition, crustaceans collected by... P. 949

insects, Arachnids and Myriapods collected by... P. 951

mollusks collected by... P. 940

U. S. Fish Commission, Annelids dredged by... P. 594

birds collected by, Cozumel Island. P. 539

Brachyurans and Anomurans dredged by, 1880-82. P. 343

Decapod crustaceans dredged by... P. 455

Echinoids, Gulf of Mexico, obtained by... P. 544

Echinoids taken by... P. 491

fish-cultural exhibit (London Fisheries Exhibition)... B. 27

fishes collected by, 1888... P. 728

fishes collected by... P. 1115

fishes, deep-water, obtained by, in 1880... P. 177

fishes from Atlantic and Gulf coasts obtained by... P. 548

"Grampus," birds observed by, 1887... P. 819

marine invertebrates distributed by... P. 82

medusa collected by... P. 528

new species of fishes collected by... P. 429

Peneide, from dredgings of the... P. 507

Plectromus crassiceps taken by... P. 486

Utah. Fossils... P. 137

Utah Lake. Fishes... P. 175, P. 186

Utilla Island. Reptiles... P. 1217

V.

Vancouver's Island. Fishes... P. 298

Vasey, George... P. 620, P. 725, P. 772

Vasey, George (coauthor)... P. 749, P. 501

Vaughan, T. Wayland... P. 1194

Vegetable textile fibers, microscopical mounts of... R. 14

Venezuela. Birds... P. 559, P. 619, P. 1069

Verrill, A. E. P. 76, P. 168, P. 169, P. 284, P. 584, P. 1060

Verrill, A. E. (coauthor)... P. 1139

Violaceae, North American, relating to distribution of... C. 49

Virgin Islands, botany of the... B. 13

Virginia. Amphipoda: "Congo snake"... P. 1150

Batrachian... P. 1150

Early iron manufacture in... P. 499

Fishes, Cape Charles City... P. 843

Mammals... P. 358

Myriapods... P. 181

Vorticella, chlorophylloid granules of... P. 398

W.

Wabash Valley. Botany... P. 1010

Wakasa lacquer-ware, manufacture of... P. 745

Walcott, Charles D... R. 109, P. 758, P. 739, P. 746, P. 783, P. 775, P. 820, P. 1002, P. 1086, P. 1120, P. 1152, P. 1229

[Walcott, Charles D. Published writings (prior to 1885) on fossil invertebrates]... B. 30

Walker, S. T... P. 349, P. 396

Waller, E. O. (coauthor)... P. 939

Ward, Lester F... P. 222, P. 680, P. 1141, B. 22

Washington and vicinity, flora of... B. 22

Washington Territory. Fishes... P. 112, P. 144, P. 265, P. 286, P. 388

Water from Gulf of Mexico, report on contents of... P. 222

Watkins, J. Elfreth... R. 41, R. 53, C. 38

Wead, Charles Kasson... R. 119

Weapons and wings of birds... R. 78

Webb, De Witt... P. 966

Webster, H. E... B. 25 (VII)

Weed, Clarence M... P. 950

Wells, John Grant... P. 396

[Werneg, Dr., experiments on bacteria by]... P. 218

West India region. Hermit crabs... P. 1226

West Indian seal (Monachus tropicalis)... R. 6

West Indies. Birds... P. 13, P. 103, P. 142, P. 166, P. 216, P. 260, P. 311, P. 420, P. 446, P. 545

Crustaceans... P. 1104

Fishes, list of... P. 593

Leptonacea of, recent and tertiary... P. 1177

Mammals... P. 468

Mollusks... P. 1011

West Virginia. Ethnology... R. 113

West Virginia. Mammals... P. 44

Whale fishery and its appliances (London Fisheries Exhibition)... B. 27

(See also under Mammals.)

White, Charles A... R. 64, P. 86


supplement to catalogue of writings of... P. 1135

the published writings of... B. 30

Williamson, M. Burton... P. 898

Willis, Merritt... P. 391

Williston, Samuel W... B. 31

Wilmot, Samuel... P. 43

Wilson, Charles... R. 29, R. 38, R. 31, R. 64, R. 65, R. 85, R. 88, R. 96, R. 98, R. 168, P. 777, C. 40, C. 42
<table>
<thead>
<tr>
<th>Index to Titles</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>X.</strong></td>
</tr>
<tr>
<td>[Xantus, John]</td>
</tr>
<tr>
<td><strong>Y.</strong></td>
</tr>
<tr>
<td>Yale College, fishes in museum of</td>
</tr>
<tr>
<td>Yarrow, H. C.</td>
</tr>
<tr>
<td>Yezo. Ainos of</td>
</tr>
<tr>
<td>Ancient pit-dwellers of</td>
</tr>
<tr>
<td>Birds collected in</td>
</tr>
<tr>
<td>Gray shrike, on status of</td>
</tr>
<tr>
<td>Yucatan. Birds</td>
</tr>
<tr>
<td><strong>Z.</strong></td>
</tr>
<tr>
<td>Zeledon, José C.</td>
</tr>
<tr>
<td>Zeledon, José C.</td>
</tr>
<tr>
<td>Zeuglodon, pelvic girdle of</td>
</tr>
<tr>
<td>Zoological position of Texas</td>
</tr>
</tbody>
</table>