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# THE PUBLISHED WRITINGS OF GEORGE BROWN GOODE, 1869—1896.

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The compilation of the following list of published writings of the late Doctor George Brown Goode was begun some fifteen years ago, and additions have been made to it from time to time as each new publication came to my notice. It has been my endeavor to make the list as complete as I could, although it is quite possible that some titles may still be omitted. I shall be under obligations to anyone who can supply additional titles. It has been found convenient to arrange these papers in the following groups: Papers by George Brown Goode; papers by George Brown Goode and others; papers edited by George Brown Goode; and papers reviewed by George Brown Goode.

#### PAPERS BY GEORGE BROWN GOODE.

1869. Summer Rambles.

College Argus, II, May 27, 1869, p.85.

1870. Musca et Medica.

College Argus, III, March 2, 1870, p. 149.

1870. College Men in Congress.

College Argus, III, May 4, 1870, p. 180.

1870. The Colleges of the United States.

College Review, New York, June, 1870.

1870. History of Wesleyan University.

College Review, New York, 1870.

Also published in College Argus, IV, October 26, 1870, p. 34; November 6, 1870, p. 46

1871. Our Museum.

College Argus, IV, March 22, 1871, p. 193.

1871. Rambling.

College Argus, IV, May 3, 1871, p. 210.

1871. The Billfish in Fresh Water.

American Naturalist, V, September, 1871, p. 439.

1871. Stray Glimpses of Old Harvard.

College Argus, V, November 29, 1871, p. 67.

1872. A Sea Bird Inland.

American Naturalist, VI, January, 1872, p. 49.

1873. Animals in the Drinking Water.

Sentinel and Witness, Middletown, Conn., September 18, 1873.

1873. Moon Sickness.

Forest and Stream, I. September 25, 1873, p. 99.

1873. Do Snakes Swallow their Young?

Firest and Stream, I, October 2, 1873, p. 118.

Reprinted in American Agriculturist, XXXII, November, 1873, pp. 415-418.

1873. The Urari Poison [Editorial].

Forest and Stream, I. December 11, 1873, p. 281.

1873. Mimicry in Snakes.

American Naturalist, VII, December, 1873, p. 747.

1874. On the question "Do Snakes Swallow their Young?"

Proceedings of the American Association for the Advancement of Science, XXII 1874, pp. 176-185. (Portland Meeting.)

Reprinted in separate form.

1874. Snakes Shedding their Skins.

Forest and Stream, I, January 15, 1874, p. 356.

1874. Tarpının.

Forest and Stream, II, June 18, 1874, p. 292.

1874. The United States Fish Commission.

American Sportsman, IV, July 25, 1874, p. 266.

1874. Do Alligators Swallow their Young?

Forest and Stream, II, August 6, 1874, p. 404.

1874. The United States Fish Commission. Fish tales from Noauk.

\*American Sportsman, IV, August 8, 1874, p. 291.

1874. The United States Fish Commission. Dredging on the Coast of Connecticut.

\*American Sportsman\*, IV, August 15, 1874, p. 313.

1874. The United States Fish Commission. Noank—The Laboratory.

\*\*American Sportsman\*, IV. August 22, 1874, p. 273.

1874. The Plagopterinæ and the Ichthyology of Utah.

American Sportsman, IV, August 29, 1874, p. 333.

1874. Description of two new Species of Fishes from the Bermuda Islands.

American Journal of Science and Arts, VIII, August, 1874, pp. 123-125.

Reprinted in separate form, and also in the *Annals and Magazine of Natural History*, London, XIV, 1874, pp. 379-381, and in the *American Sportsman*, IV, August 15, 1874, pp. 307, 308.

1874. The Orange Filefish (*Ceratacanthus aurantiacus* Mitchill) Gill.

\*American Sportsman, IV. September 5, 1874, p. 353.

1874. United States Fish Commission. The Experiments with Young Shad.

American Sportsman, IV, September 12, 1874, p. 376.

1874. United States Fish Commission. The Fish Laboratory.

American Sportsman, IV, September 19, 1874, pp. 392, 393.

1874. [The Shad and Shad Fishery of the St. Johns River, Florida.]

\*Report of the U. S. Commissioner of Fish and Fisheries, Part 11 (1872-73), 1874. pp. xlviii, xlix.

1875. About Snakes' Eggs.

American Agriculturist, XXXIV, April, 1875, p. 141.

1875. Philadelphia Zoological Garden.

Rod and Gun, May 8, 1875.

1875. Albinoism in Fishes.

Forest and Stream, IV, May 20, 1875, p. 231.

1875. Albino Fishes.

American Naturalist, IX, September, 1875, p. 517.

1875. Parasitism in Fishes, notably in the Case of *Brevoortia* (Menhaden).

Field and Firest 1, December 1875, p. 53.

1875. Notes on the "Salamander" of Florida (Geomys tuza).

Exploration of the Colorado River of the West, by J. W. Powell, Washington, 1875, pp. 281-285.

Also printed separately with Coues' Abstract of a Study of the Genera Geomys and Thomomys.

1876. The Short Pompano (*Trachynotus ovatus*) and the Amber Fish (*Seriola* sp.).

\*\*Forest and Stream, VI, February 17, 1876, p. 20.

1876. Catalogue of the Fishes of the Berundas. Based chiefly upon the collections of the United States National Museum.

Bulletin of the U. S. National Museum, No. 5, 1876, pp. (2) 1-82.



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- 1876. International Exhibition, 1876. Board on behalf of the United States Executive Departments. National Museum, Smithsonian Institution. Collection to illustrate the Animal Resources of the United States. Classification. Wäshington, Government Printing Office, 1876.

  Folio, pp. 1-10.
- 1876. International Exhibition, 1876. Board on behalf of the United States Executive Departments. Classification of the Collections to illustrate the Animal Resources of the United States. A list of substances derived from the animal kingdom, with synopsis of the useful and injurious animals, and a classification of the methods of capture and utilization. Washington, Government Printing Office, 1876.

Octavo, pp. 1-126.

A second edition was printed as Bulletin of the U.S. National Museum, No. 6, 1876, pp. 1-126.

1876. Bermuda and its Fish Markets.

Forest and Stream, VI March 16, 1876, pp. 83, 84.

- 1877. Provisional Catalogue of the Fishes of Bermuda. Hamilton, Bermuda.
  Octavo, May, 1877, pp. 1–8.
  Reprinted in the Bermuda Almanac, 1878–1881 (1881), pp. 116–122.
- 1877. A Preliminary Catalogue of the Reptiles, Fishes, and Leptocardians of the Bermudas, with Descriptions of four Species of Fishes believed to be New.

  \*\*American Journal of Science and Arts, NIV, October, 1877, pp. 289-298.

  Reprinted in separate form: New Haven, 1877, octavo, pp. 1-12.
- 1877. Statistics of American Fisheries. In Documents and Proceedings of the Halifax Commission, 1877, under the Treaty of Washington of May 8, 1877. (Washington, 1878.)

First published in Halifax, 1877, as Appendix O to the official record. Also in *Transactions of the American Fish-Cultural Association*, 1878, pp, 99-108.

The earliest attempt at a statistical survey of the American fisheries as a whole, being the foundation of the fishery works of the Tenth Census.

A. Estimated total of American Fisheries for 1876.

B. Product of Weirs and Traps.

- C. Products of Marine Fisheries of Southern Massachusetts and Rhode Island,
- D. Products of Marine Fisheries of the Northern Atlantic States.
- E. Table showing statistics of the manufactures of menhaden oil and guano in the United States in the years 1873, 1874, 1875, 1876.
- 1877. Fifth and Sixth Annual Reports of the Curators of the Museum of Wesleyan University. Including a history of the Museum from its formation. (First of the Printed Series.) Middletown, Connecticut. Pelton and King, Printers and Bookbinders,

1877, octavo, pp. 1-30.

1877. Table showing Statistics of the Manufacture of Menhaden Oil and Guano in the United States in the years 1873, 1874, 1875, 1876.

Halifax Commission, 1877, Appendix O, Table XVII.

1877. [The Bait Problem.]

Report of the U.S. Commissioner of Fish and Fisheries, pt. 5, 1877, pp. 960, 961. A brief note contained in a paper on Artificial Refrigeration by John Gamgee.

- 1878. Coast Sketches. Provincetown in Summer. Netting Bluefish and Bonitoes. Forest and Stream, N., March 7, 1878, p. 74, 1878.
- 1878. Confusion in the names of some of the American fishes of the Herring family [Editorial].

Forest and Stream, X, March 7, 1878, p. 82.

1878. A Revision of the American Species of the Genus *Brevoortia*, with a description of a New Species from the Gulf of Mexico.

Proceedings of the U.S. National Museum, I, May 8, 1878, pp. 30-42.

1878. U. S. Commission of Fish and Fisheries. Questions relative to the Cod and the Cod Fisheries.

1878, pp. 1-4.

A series of 90 questions.

1878. Notes on the American Species of the Genus *Cybium* by Felipe Poey.

\*Proceedings of the U. S. National Museum, I, June, 1878, pp. 3-5.

This is a translation from manuscript memoranda of Professor Felipe Poey.

1878. The Clupea tyrannus of Latrobe.

Proceedings of the U. S. National Museum, I, June, 1878, pp. 5, 6.

1878. The Occurrence of *Belone latimanus* in Buzzards Bay, Massachusetts.

\*Proceedings of the U. S. National Museum, I, June, 1878, pp. 6, 7.

1878. The Voices of Crustaceans.

Proceedings of the U. S. National Museum, I, June, 1878, pp. 7, 8.

1878. The Occurrence of *Hippocampus antiquorum*, or an Allied Form, on Saint Georges Banks.

Proceedings of the U. S. National Museum, I, July 1, 1878, pp. 45, 46.

1878. A Study of the Popular Names of the Menhaden,

American Naturalist, XII, November, 1878, pp. 735-739.

Published also in separate form.

The object of this paper was to show the great diversity of its nomenclature in Colonial days, and the recent gradual dying out of many of the names as a result of freer communication between the fishermen on different parts of the coast.

1878. The Earliest American Naturalist.

Science News, New York, I, November 1, 1878, pp. 12, 13.

1878. The Occurrence of the Canada Porcupine in West Virginia.

Proceedings of the U.S. National Museum, I, December 12, 1878, pp. 264, 265.

1878. Migration of Fishes.

Transactions of the American Fish-Cultural Association, 1878, pp. 27-64, 2 pls. This paper was read before the American Fish-Cultural Association.

1878. Seventh Annual Report of the Curators of the Museum of Wesleyan University, including a Visitors' Guide to the Museum. (Second of the Printed Series.)

Middletown, Connecticut, 1878.

Octavo, pp. 1-24.

1879. Game Fishes of the United States. [Text by G. Brown Goode; Plates by S. A. Kilbourne.] New York, Charles Scribner's Sons, 1879-'80-'81.

Folio, pp. (46), 20 plates and map.

Published in ten parts, each with two plates, lithographs from water color, and four pages of text.

1879. The Bermuda Lizard.

Science News, I, January 15, 1879, p. 96, and Nature, London, XVII, March 28, p. 425.

1879. A letter on the Influence of the Moon on Fish.

Forest and Stream, XI, January 16, 1879, p. 485.

1879. American Ichthyology in 1878.

Science News, I, February 1, 1879, pp. 97-100.

1879. The National Museum Building [Editorial].

Science News, I, April I, 1879, pp. 161-164.

1879. On Two Fishes from the Bermudas, mistakenly described as new by Doctor Ginther.

Proceedings of the U.S. National Museum, I, April 22, 1879, pp. 462, 463.

This article appeared also in the American Journal of Science and Arts, XVII, April, 1879, p. 340.

1879. Returns of a Circular Relating to the Fish Trade and the Consumption of Fish.
Folio, July, 1879, pp. 1-4.

1879. Executive Proceedings of the United States Senate from which the injunction of secrecy has been removed. The North American Fisheries. Arrangements with Great Britain. Memoranda in relation to statistics of the fisheries of North America, prepared for Senator Edmunds in response to his request of December 31, 1878.

Congressional Record, IX, No. 89, July 10, 1879, pp. 2-4.

1879. A Preliminary Catalogue of the Fishes of Saint Johns River and the East Coast of Florida, with Descriptions of a new Genus and three new Species. Proceedings of the U. S. National Museum, II, September 19, 1879, pp. 108-121.

1879. The Menhaden.

Science News, I, October 1, 1879, pp. 360-363; October 15, 1879, pp. 373-377.

1879. The Gulf Threadfish.

Forest and Stream, XII, November 6, 1879, p. 785.

1879. Eighth Annual Report of the Curators of the Museum of Wesleyan University.
(Third of the Printed Series.) Middletown, Connecticut, 1879.
Octavo, pp. 1-17.

1879. Plan of Inquiry into the History and Present Condition of the Fisheries of the United States. Washington, Government Printing Office, 1879.

Octavo, pp. 54 (2).

Circular issued by the Tenth Census.

Reprinted in the Report of the U.S. Commissioner of Fish and Fisheries, 1880 [1881], Part 7, pp. 1-54.

1879. The Two Kinds of River Herring.

Report of the Commissioner of Fisheries of Virginia, Richmond, 1879, p. 14.

1879. The Natural and Economical History of American Menhaden.

Report of the U. S. Commissioner of Fish and Fisherics, pt. 5, 1879, Appendix A, pp. 1-529, pls. I-XXXI (XXX canceled).

A portion of this paper (pp. 194-267) is by Professor W. O. Atwater.

1879. A Study of the Trunk Pishes (Ostraciontidæ), with notes upon the American Species of the Family.
Proceedings of the U.S. National Museum, II, November 11, 1879, pp. 261-283.

1879. Commercial Statistics of Animal Products in the United States: A Review of a portion of the Report of the Chief of Statistics for the Fiscal Year ending June 30, 1877.

Bulletin of the U.S. National Museum, No. 14, 1879, pp. 272-300.

1880. A Distinguished Immigrant. Professor Baird's European Carp.

American Agriculturist, XXXIX, January, 1880, pp. 13, 14.

1880. [The Berlin Exhibition.]

New York Times, March 20, 1880.

1880. Internationale Fischerei-Ausstellung, Berlin 1880. Amerikanische Abtheilung. Verzeichniss der Aussteller, nach dem von dem Deutschen Fischerei-Verein festgestellten Programme geordnet.

Berlin, April 20, 1880, folio, pp. 1-7.

1880. Contributions to the Gedenk-Blätter zur Eröffnung der Internationalen Pischerei-Ausstellung zu Berlin 1880. Berliner Tageblatt, April 20, 1880, evening edition, pp. 3, 4.

1880. Hoch auf seine Majestät der Kaiser. Berliner Tageblatt, June 17, 1880.

1880. The Use of Agricultural Fertilizers by the American Indians and the Early English Colonists.

American Naturalist, XIV, July, 1880, pp. 473-479.

1880. Another new Fish on the Atlantic coast (Auxis rochei). Forest and Stream, XV, August 12, 1880, p. 28.

1880. The Census of the Fisheries. [Through reporter.]

Newport Mercury, August 14, 1880.

1880. Frigate Mackerel again heard from.

Forest and Stream, XV, August 26, 1880, p. 68.

1880. The Turbot and Sole in America [Editorial]. Forest and Stream, XV, September 9, 1880, pp. 103, 104.

1880. New Fish [Helorus voraginorum].

Forest and Stream, XV, September 9, 1880, p. 109.

1880. Description of Seven New Species of Fishes from Deep Soundings on the Southern New England Coast, with Diagnoses of two undescribed Genera of Flounders, and a Genus related to *Merlucius*.

Proceedings of the U.S. National Museum, III, November 23, 1880, pp. 337-350.

1880. The Frigate Mackerel, Auxis rochci, on the New England Coast. Proceedings of the U. S. National Museum, III, April 18, 1881, p. 532. Published also in the American Naturalist, XIV, November, 1880, pp. 808-810.

ISSo. Address before the United States Menhaden Oil and Guano Association.

Seventh Annual Report of the Menhaden Oil and Guano Association, 1980, pp. 3-7.

This address was printed also in the Oil, Paint, and Drug Reporter, New York, XVII,

1880, pp. 61, 62.

1880. [Statistics of the Fisheries of the United States in 1880.]

Compendium of the Tenth Census, Part 2, Table CVI, pp. 1402, 1403. Reprinted in Bulletin of the U. S. Fish Commission, III, pp. 270, 271.

Printed also in Fishery Industries of the United States and in Part A of the Official Catalogue of the London Fisheries Exhibition.

1880. International Fishery Exhibition, Berlin, 1880. Exhibit of the Fisheries and Fish Culture of the United States of America at the Internationale Fischerei-Ausstellung, held at Berlin, April 20, 1880, and forming a part of the collections of the National Museum, made by the United States Fish Commission.

Bulletin of the U. S. National Museum, No. 18, 1880, pp. 1-263.

1880. Perrywinkle and Pinnywinkle.

Angler's Note Book and Naturalist's Record, London, 1881, p. 187.

In comment upon a statement in Professor Keat's article on Anglo-Saxon Fish Names.

1880. Das erste Jahrzehnt der Wirksankeit der Fisch-Kommission der Vereinigten Staaten, ihre Geschichte, ihr System und ihre Arbeiten für die Wissenschaft und die öffentliche Wohlfahrt. Vollständige Uebersicht über eine Musterverwaltung.

Circular Deutschen Fischerei-Verein, Berlin, 1880, pp. 190-197.

Also in Oesterreichisch-Ungarische Fischerei-Zeitung, Vienna, IV, 1881, pp. 7, 15, 20 (Jan. 1, 8, 15).

1880. A short Biography of the Menhaden, an abstract of "A History of the Menhaden,"

Octavo, pp. 15 (1). 1880.

Read before the Saratoga meeting of the American Association for the Advancement of Science and the Chicago meeting of the Central Fish Cultural Association, and in an extended form before the New York meeting of the United States Menhaden Oil and Guano Association.

Printed also in the Proceedings of the American Association for the Advancement of Science, XXVIII, 1880, pp. 425-437. (Saratoga meeting).

1881. The Saibling or Bayarian Char.

Forest and Stream, XVI, February 17, 1881, pp. 50, 51.

1881. Notacanthus phasganorus, a new species of Notacanthidæ from the Grand Banks of Newfoundland.

Proceedings of the U. S. National Museum, III, April 18, 1881, pp. 535-537.

1881. Fishermen of America.

New York Daily Tribune, June 23, 1881.

1881. Preliminary Statistical Report on the Fisheries of California, Oregon, Washington, and Alaska.

Census Bulletin, No. 176, folio, June, 1881, pp. 6 (2).

1881. Plan of Organization and Regulations.

Circutar of the U.S. National Museum, No. 1, October 1, 1881, pp. 1-58.

1881. A Provisional Classification of the Food Collection.

Circular of the U. S. National Museum, No. 11, October 1, 1881, pp. 1-22.



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1881. Note on article by Captain E. T. Deblois on the origin of the menhaden industry.

\*\*Rulletin U. S. Fish Commission, 1, 1881 (1882), p. 46.

1881. Letter to the Society of American Taxidermists.

First Annual Report of the American Taxidermists, 1880-1881, Rochester, 1881, p. 17.

1881. Epochs in the History of Fish Culture.

Transactions of the American Fish-Cultural Association, 1881, pp. 34-57.

Reprinted in Forest and Stream, XVI, pp. 311, 332, 353.

Published also in Report of the U.S. Commission of Fish and Fisheries, pt. 7, 1880.

Extracts from this paper appeared in a memorial presented by the Council of the Scotch Fisheries Improvement Association to the Under Secretary of State and Her Majesty's Lord Advocate for Scotland, asking for legislation for the protection of the salmon and trout fisheries. The memorial was printed separately in the Third Annual Report of the Council, Edinburgh, May, 1883, pp.41-43.

1881. The Carangoid Fishes of the United States, Pompanoes, Crevalles, Amberfishes, etc.

Bulletin of the U.S. Fish Commission, I, 1881 (1882), pp. 30-43.

1881. Notes on the Life-history of the Eel, chiefly derived from a Study of Recent European Authorities.

Bulletin of the U.S. Fish Commission, I, 1881 (1882) pp. 71-121.

Reprinted in Transactions of the American Fish-Cattural Association, 1881, pp. 81-123.

1881. The First Decade of the United States Fish Commission, Its Plan of Work and Accomplished Results, Scientific and Economical.

Proceedings of the American Association for the Advancement of Science, XXIX, 1881, pp. 563-574. (Boston meeting.)

Published also in Nature, London, XXII, October 21, 1880, pp. 597-590; Smithsonian Report, 1880, pp. 140-149; Report of the U. S. Fish Commission, pt. 8, 1880 (1883), pp. 53-62; Bulletin U. S. Fish Commission, II, 1882 (1883), pp. 169-178, and as a separate, pp. 1-14.

1881. Fishes from the Deep Water on the South Coast of New England, obtained by the United States Fish Commission in the summer of 1880.

Proceedings of the U.S. National Museum, III, 1881, pp. 467-486.

1881. The Fishermen of the United States.

Transactions of the Anthropological Society of Washington, 1, 1881, pp. 62-66. This paper was printed in abstract only.

1881. Natural History of the Mackerel.

Report of the U.S. Commissioner of Fish and Fisheries, 1881 (1884), pp. 93-138.

A brief paper on this subject was published in the *Proceedings of the Biological Society of Washington*, I, 1882, p. 32.

First chapter of materials for a History of the Mackerel Fishery.

1882. The Eel Question.

Forest and Stream XVIII, 1882, March 2, pp. 91-93; March 6, pp. 111-113; March 16, pp. 112-133.

1881. The Taxonomonic Relations and Geographical Distribution of the Members of the Sword Fish Family, Xiphiidae.

Proceedings of the U.S. National Museum, IV, April 25, 1882, pp. 415-433.

1882. Outline of a Scheme of Museum Classification.

Circular of the U.S. National Museum, No. 13, April 10, 1882, pp. 1-4.

Notice of reading with abstract and remarks in Transactions of the Anthropological Society of Washington, IL 1885, pp. 5-7.

1883. Note on the Lampreys (Petromyzontidæ).

Bulletin of the U.S. Fish Commission, 11, 1882 (1883), pp. 349-354.

1883. The generic names Amitra and Thyris replaced.

Proceedings of the U.S. National Museum, VI, July 27, 1883, p. 109.

1883. On the Fisherles of the World.

Cyclopædia of Political Economy, by J. L. Lalor, Chicago, II, 1883, pp. 211-231.

1883. The International Fisheries Exhibition.

Science, I, May 25, 1883, pp. 447-450; June 22, pp. 564, 565; II, Angust 3, pp. 129-131; November 9, pp. 612-615, with illustrations.

1883. The Uses of the Round Clam in the United States.

Papers of the Conferences, International Fisheries Exhibition, London, June 21, 1883, pp. 19, 20.

1883. Salmon Culture in the United States.

Papers of the Conferences, International Fisheries Exhibition, London, June 21, 1883, pp. 28, 29.

1883. On the Land-locked Salmon.

Papers of the Conferences, International Fisheries Exhibition, London, June 21, 1883, pp. 29-31.

1883. A review of the Fishery Industries of the United States and the work of the U. S. Fish Commission.

Papers of the Conferences, International Fisheries Exhibition, London, June 25, 1883, pp. 1-84.

Also in The Fisheries Exhibition Literature, London, 1889, V, pp. 3-82.

1883. The Suitability of the Black Bass for Introduction into England. Letter to R. B. Marston, esq.

Papers of the Conferences, International Fisheries Exhibition, London, June 29, 1883, pp. 18, 19.

1883. Recent Progress of the Canadian Fisheries.

Papers of the Conferences, International Fisherics Exhibition, London, July 2, 1883, pp. 46, 47.

1883. American Investigations upon the Food of Fishes.

Papers of the Conferences, International Fisheries Exhibition, Loudon, July 12, 1883. pp. 29-33.

1883. The Development of the American Mackerel Fisheries.

Papers of the Conferences, International Fisheries Exhibition, London, July 13, 1883. pp. 30-32.

1883. The Successes of Fish Culture in the United States and Canada.

Papers of the Conferences, International Fisheries Exhibition, London, July 17, 1883, pp. 27-29.

1883. The Scientific Results of the Fisheries Exhibition.

Papers of the Conferences, International Fisheries Exhibition, London, July 20, 1883, pp. 31, 32.

1883. Importance of Forest Protection to Fish Culture in the United States.

Papers of the Conferences, International Fisheries Exhibition, London, July 20, 1883, pp. 13, 14.

1883. On the Methods of Protection of Fisheries.

Papers of the Conferences, International Fisheries Exhibition, London, July 27, 1883, pp. 36-38.

1883. Bibliographies of American Naturalists. I. The Published Writings of Spencer Fullerton Baird, 1843–1882.

Bulletin of the U. S. National Museum, No. 20, 1883, pp. i-xvi, 1-377.

1883. The Fisheries of the United States.

Official Catalogue, Great International Fisheries Exhibition, London, 1883, 1st ed., pp. 283-285; 2d ed., pp. 189-191.

Reprinted in separate form.

1883. Materials for a History of the Sword Fishes.

Report of the U. S. Commissioner of Fish and Fisheries, 1880 (1883), Pt. VIII, pp. 287-394; Plates I-XXIV,

Published also in separate form, pp. 1-106, and in the Transactions of the American Fish-Cultural Association (Eleventh Annual Meeting), 1882, pp. 84-150. Forest and Stream, XVIII, 1882, June 22, p. 410; July 20, p. 492; XIX, 1882, August 17, p. 52; August 24, p. 70; August 31, pp. 91, 92; September 7, pp. 111, 112; September 14, pp. 132, 133; September 21, pp. 149, 150; October 5, p. 193; October 19, pp. 231, 232.

1883. Great International Fisheries Exhibition, London, 1883. United States of America. A preliminary catalogue and synopsis of the collections exhibited by the U. S. Fish Commission and by special exhibitors, with a concordance to the official classification of the exhibition. Washington, Government Printing Office, 1883.

Octavo, pp. 1-107.

1884. The Aims and Limitations of Modern Fish-culture. Science, III. No. 54. February 15, 1884, p. 208.

1884. The discussion by the American Ornithologists' Union of the system of zoological nomenclature.

Science, 111, No. 56, February 29, 1884, pp. 241, 242.

1884. The Exploring Voyage of H. M. S. Challenger.

Science, III, No. 66, May 9, 1884, p. 576; IV, No. 79, August 8, 1884, p. 116; No. 82, August 29, 1884, p. 176.

1884. The Invention of the Vertical Camera in Photography. Science, III. No. 70, June 6, 1884, p. 672.

1884. Professor Gill on the Assumptions of Museum Keepers.

Science, 111, No. 71, June 13, 1884, p. 703.

1884. An Ocean Monarch,

The Chautauquan, IV, 1883-1884, pp. 582-584.

1884. The Whales and Porpoises.

The Fisheries and Fishery Industries of the United States, Section 1, Pt. 1, 1884, pp. 7-32.

1884. The Food Fishes of the United States.

The Fisheries and Fishery Industries of the United States, Section I, Pt. 111, 1884, pp. 163-682, 218 plates.

1884. The Status of the United States Fish Commission in 1884. A review of what has been accomplished in fish culture and the investigation of the American Fisheries.

Report of the U.S. Commissioner of Fish and Fisheries, 1884, pp. 1130-1180. Printed also in separate form, pp. 1-42.

1884. Fishery Treaties.

Cyclopædia of Political Economy, Chicago, III, 1884, pp. 941-944.

1884. The Oyster Industry of the World.

Bulletin of the U.S. Fish Commission, IV, 1884, pp. 468, 460.

This paper was also printed in the *Transactions of the American Fish-Cultural Association*, 1884, pp. 146-148, and an abstract was published in *Science*, III, No. 71, June 13, 1884, p. 720.

1885. The Smithsonian Institution.

The Chautauquan, V, February, 1885, pp. 275-279.

1885. The Art of Fish-culture.

The Chautauquan, V, April, 1885, pp. 404-407; May, 1885, pp. 470-472.

1885. De Forenede Nord Amerikanske Staters Fiskeritilsyn.

Fiskeritidende, Copenhagen, No. 15. April 14, 1885, pp. 133-135; No. 17. April 28, 1885, pp. 149, 150.

1885. A Brief Biography of the Halibut.

American Naturalist, X1X, October, 1885, pp. 953-960. Printed also in separate form.

1885. The Care of Pamphlets.

Science, VI, No. 141, October 16, 1885, p. 337.

Abstract in Bulletin of the Philosophical Society of Washington, VIII, 1885, p. 29.

1885. The Oyster Industry.

Encyclopædia Britannica, 9th ed., XVIII, 1885, pp. 107-110.

1885. Pisciculture.

Encyclopædia Britannica, 9th ed., X1X, 1885, pp. 126-120.

1886. The Beginnings of Natural History in America. An address delivered at the sixth anniversary meeting of the Biological Society of Washington.

Proceedings of the Biological Society of Washington, III, 1884–1886, pp. 35-105.

1886. The National Museum,

The Chautauquan, VI, 1885-1886, pp. 155-158; 283, 284; 333, 334; 526-528.

1887. Scientific Men and Institutions in America.

The Epoch, New York, I, June 24, 1887, pp. 467-469.
On the inadequacy of the organization of science in the United States.

1887. Provisional Regulations of the U. S. Commission of Fish and Fisheries.

\*\*Circular U. S. Commission of Fish and Fisheries, No. 2, November 1, 1887, pp. 1-12.

1887. An interesting Dialogue, in 1676, between Bacon, "the Rebel," and John Goode, of "Whitby."

Magazine of American History, XVII, November, 1887, pp. 418-422.

Contains a paper, previously unpublished, recorded in the *Colonial Entry Book* (London), LXXI, pp. 232-240, with comments upon Bacon's attitude toward Governor Berkeley and the King.

1887. Virginia Cousins. A study of the Ancestry and Posterity of John Goode, of Whitby, a Virginia Colonist of the Seventeenth Century, with Notes upon Related Families; a Key to Southern Genealogy [etc.]. With a preface by R. A. Brock. Richmond, Virginia: J. W. Randolph and English, 1887.

Small quarto, pp. i-xxxvi, 1-526. Many illustrations.

Reviewed in Magazine of American History, XXI, pp. 174, 175; New England Historic-Genealogical Register; Southern Churchman, September 6, 1888; Central Presbyterian, Richmond, September 12, 1888; Gloucestershire (England) Notes and Queries, January, 1889,

In the study of the American branch of the family an attempt has been made to trace in female as well as male lines all the descendants for eight generations of a Virginia colonist who settled on the frontier near the falls of the James about 1659,

Incidentally, in connection with the index, a key is given to the literature of all Southern genealogy, and a catalogue of Virginia families which claimed the right to use coats of arms.

1887. The Swordfish Fishery.

The Fisheries and Fishery Industries of the United States, Section V, Pt. 4, 1887, pp. 315-326.

1888. The Beginnings of American Science. The Third Century. An address delivered at the eighth anniversary meeting of the Biological Society of Washington, by G. Brown Goode, President of the Society, Washington. Printed for the Society, 1888.

Proceedings of the Biological Society of Washington, IV, 1886-'88, pp. 9-94.

1888. Memories of Professor Baird.

The Chautauquan, IX, October, 1888, pp. 21-24.

1888. [A brief Biographical Sketch of Professor Baird.]

Report of the Smithsonian Institution, 1888, pp. 79-89.

1888. American Fishes: A popular treatise upon the Game and Food Fishes of North America, with special reference to habits and methods of capture. New York, Standard Book Company, 1888.

Royal octavo, pp. I-XV, 1-496,

Reviewed in Science, June 1; The New York Tribune, June 12; The New York Times, June 17; The Epoch, June 29; The Nation, June 21; The New York Evening Post, July 10; Popular Science Monthly, August; Forest and Stream, July 5; American Angler, July; American Naturalist, August; The New York Star, July 15; The New York Sun, May 27; Magazine of American History, August; The New York fournal, August 12; The San Francisco Breeder and Sportsman, July 21; Shooting and Fishing, November 8; The Spectator, London, June, 1889; Nature, London, 1888, etc.

1889. The Depths of the Ocean.

Atlantic Monthly, LXIII, January, 1889, pp. 124-128.



ALEXANDER WILSON.



1889. Museum History and Museums of History.

Papers of the American Historical Association, III, No. 2, pp. 252-275.

This paper was read before the American Historical Association, December, 1888. Reprint: New York, The Knickerbocker Press, 1889, octavo, pp. 252-275.

1890. The Color of Fishes. (Read at the Philadelphia meeting of the American Fisheries Society, May 16, 1890.)

Science, XV, No. 374, April 4, 1890, pp. 211-213, 3 text-figures. Reprinted in Transactions of the American Fisheries Society.

1890. The Literary Labors of Benjamin Franklin. (Address delivered before the American Philosophical Society at the commemoration of the 100th anniversary of its illustrious founder and first President, April 17, 1890.)

Proceedings of the American Philosophical Society, XXVIII, 1890, No. 133, April 17, 1890, DD, 177-107.

Printed also as a separate; pp. 1-21.

1890. First Draft of a System of Classification for the World's Columbian Exposition. Prepared at the request of the Commission by G. Brown Goode, Assistant Secretary of the Smithsonian Institution. Printed privately for the World's Columbian Commission, Chicago, 1890.

Reprinted in the Report of the Smithsonian Institution (U. S. National Museum), 1891 (1892), pp. 649-735.

1890. The Origin of the National Scientific and Educational Institutions of the United States.

Papers of the American Historical Association, IV, 1890, pp. 53-101.

Reprinted with additions in the Report of the American Historical Association, 1889 (1890), pp. 53-161, and as a separate.

1891. The Museums of the Future.

Report of the Smithsonian Institution (U. S. National Museum), 1889 (1891), pp. 427-445. An address delivered before the Brooklyn Institute, February 28, 1880.

Extracts were printed in the *Public Library Bulletin*, Los Angeles, I, March, 1892, pp. 54, 55.

1891. Washington's University a Nation's Debt of Honor.

Lend a Hand, VII, No. 6, December, 1891, pp. 394-400.

Read at a meeting of the general committee of the Pan-Republic Congress, held in the Academy of Music, Philadelphia, on October 13, 1891.

An abstract was published in A Memorial in regard to a National University, by John W. Hoyt, Washington, 1892, pp. 109, 110.

1891. Bibliographies of American Naturalists. V.—The Published Writings of Dr. Charles Girard.

Bulletin of the U.S. National Museum, No. 41, 1891, pp. 1-VI, 1-141, 1 plate.

1892. The First National Scientific Congress (Washington, April, 1844) and its Connection with the Organization of the American Association.

Proceedings of the American Association for the Advancement of Science, XL, 1892, pp. 39-47. (Washington Meeting.)

1893. The Genesis of the National Museum.

Report of the Smithsonian Institution (U. S. National Museum), 1801 (1893), pp. 273-380. Printed also as a separate.

1893. The Relation of Scientific Research to Economic Problems. An Address Delivered before the World's Fisheries Congress, Chicago, 1893.

Bulletin of the U.S. Fish Commission, 1803, Art. 8, pp. 49-58, Printed also as a separate.

1894. Museums and Good Citizenship.

Public Opinion, XVII, No. 31, November 1, 1894, p. 758.

1895. America's Relation to the Advancement of Science.

Science (new series), I, No. 1, January 4, 1895, pp. 4-9.

1895. The Ideal Index to Scientific Literature.

Science (new series), I, No. 16, April 19, 1895, pp. 433-137.

- 1895. The Relationships and Responsibilities of Museums.

  Science (new series), II, No. 34, August 23, 1895, pp. 197-209.
- 1895. The Smithsonian Institution. Johnson's Universal Cyclopædia, New York, 1895, VII, pp. 583-585.
- 1895. An Account of the Smithsonian Institution, its Origin, History, Objects, and Achievements. Washington. For Distribution at Atlanta, 1895. Octavo, pp. 1-38, 6 plates.
- 1895. The Principles of Museum Administration.

  Sixth Annual Report of Proceedings of the Museums Association, 1895, pp. 69-141.

  Reprinted as a separate, pp. 1-73.
- 1895. The Exhibit of the Smithsonian Institution at the Cotton States Exposition, Atlanta, 1895. Washington. For distribution at the Atlanta Exposition, 1895.
  Octavo, pp. 1-40, pl. 1.
- 1896. On the Classifications of Museums.

  Science (new series), III, No. 57, January 31, 1896, pp. 154-161.
- 1896. A Memorial Appreciation of Charles Valentine Riley.

  Science (new series), III, No. 59, February 14, 1896, pp. 217-225

  Also issued separately.
- 1896. Admission of American Students to the French Universities.

  Science (new series), III, No. 62, March 6, 1896, pp. 341-344.
- 1896. The Reception of Foreign Students in French Universities and Schools. Science (new series), III, No. 65, March 27, 1896, pp. 467-470.
- 1896. Robert Edward Earll.

  \*\*Science\* (new series), HI, No. 65, March 27, 1896, pp. 471, 472.
- 1896. Bibliography of the Published Writings of Philip Lutley Sclater, F. R. S., Secretary of the Zoological Society of London. Bulletin of the U. S. National Museum, No. 49, 1896, pp. 1-XIX, 1-135, 1 plate.
- 1896. The Lacoe Collection in the National Museum. Science (new series), IV, No. 79, July 3, 1896, p. 8.
- 1896. Philip Lutley Sclater.

  Science (new series), IV, No. 83, September 4, 1896, pp. 203-298.

  1807. Like Founding of the [Smithsonian] Justitution.
- 1897. <sup>1</sup>The Founding of the [Smithsonian] Institution.

  The Smithsonian Institution, 1846–1896 (1897), pp. 25–58.
  - 1897. The Establishment and the Board of Regents [of the Smithsonian Institution]. The Smithsonian Institution, 1846-1896 (1897), pp. 59-114.
- 1897. <sup>1</sup> The Three Secretaries [of the Smithsonian Institution].

  The Smithsonian Institution, 1846–1896 (1897), pp. 115–234.
- 1897. <sup>1</sup>The Smithsonian Building and Grounds.

  The Smithsonian Institution, 1846–1896 (1897), pp. 247–264.
- REPORTS OF GEORGE BROWN GOODE AS ASSISTANT DIRECTOR OF THE U. S. NATIONAL, MUSEUM <sup>2</sup> (1881–1886) AND AS ASSISTANT SECRETARY OF THE SMITHSONIAN INSTITUTION IN CHARGE OF U. S. NATIONAL, MUSEUM (1887–1896).
- 1883. Report of the Assistant Director of the U. S. National Museum for 1881.

  \*Report of the Smithsonian Institution, 1881 (1883), pp. 81-159.

  Reviewed in Science, Boston, II, 1883, pp. 63-66; 119-123.
- 1884. Report of the Assistant Director of the U. S. National Museum for 1882.

  \*Report of the Smithsonian Institution, 1882 (1884), pp. 119-263.
- 1885. Report of the Assistant Director and of the Curators of the U. S. National Museum for 1883.

Report of the Smithsonian Institution, 1883 (1885), pp. 161-360.

<sup>&</sup>lt;sup>1</sup> These articles, which were chapters in the History of the First Half Century of the Smithsonian Institution, did not appear until after Doctor Goode's death.

<sup>&</sup>lt;sup>2</sup> Published also in separate form.

- 1886. Report upon the Condition and Progress of the U. S. National Museum for 1884.
  - Report of the Smithsonian Institution (U.S. National Museum), 1884 (1886), pp. 1-7.
- 1887. Report upon the Condition and Progress of the U. S. National Museum during the half year ending June 30, 1885.
  - Report of the Smithsonian Institution (U.S. National Museum), 1885 (1887), pp. 1-2(1.
- 1889. Report upon the Condition and Progress of the U.S. National Museum during the year ending June 30, 4886.
  - Report of the Smithsonian Institution (U.S. National Museum), 1886 (1889), pp. 1-87.
- 1889. Report upon the Condition and Progress of the U.S. National Museum during the year ending June 30, 1887.
  - Report of the Smithsonian Institution (U.S. National Museum), 1887 (1889), pp. 4-62.
- 1890. Report upon the Condition and Progress of the U. S. National Museum during the year ending June 30, 1888.
  - Report of the Smithsonian Institution (U.S. National Museum), 1883 (1890), pp. 1-84.
- 1897. Report upon the Condition and Progress of the U. S. National Museum during the year ending June 30, 1889.
  - Report of the Smithsonian Institution (U.S. National Museum), 1889 (1891), pp. 1-277.
- 1891. Report upon the Condition and Progress of the U. S. National Museum during the year ending June 30, 1890.
  - Report of the Smithsonian Institution (U.S. National Museum), 1890 (1891, pp. 1-110.
- 1892. Report upon the Condition and Progress of the U. S. National Museum during the year ending June 30, 1891. Report of the Smithsonian Institution (U. S. National Museum), 1891 (1892), pp. 1-151.
- 1893. Report upon the Condition and Progress of the U. S. National Museum during the year ending June 30, 1892.
  - Report of the Smithsonian Institution (U.S. National Museum), 1892 (1893), pp. 1-97.
- 1895. Report upon the Condition and Progress of the U. S. National Museum during the year ending June 30, 1893.
  - Report of the Smithsonian Institution (U.S. National Museum), 1893 (1895), pp. 1-534, pfs. 1-50.
- 1896. Report upon the Condition and Progress of the U.S. National Museum during the year ending June 30, 1894.
  - Report of the Smithsonian Institution (U.S. National Museum), 1894 (1896), pp. 1-23,.
- 1898. Report upon the Condition and Progress of the U.S. National Museum during the year ending June 30, 1895.
  - Report of the Smithsonian Institution (U.S. National Museum), 1805 (1898), pp. 1-308.
- 1899. Report upon the Condition and Progress of the U.S. National Museum during the year ending June 30, 4896.
  - Report of the Smithsonian Institution (U.S. National Museum), 1896 (1899), pp. 1-284.

### PAPERS BY GEORGE BROWN GOODE AND OTHERS.

GOODE, G. Brown, and ATWATER, W. O. American Fisheries. A History of the Menhaden, with an Account of the Agricultural Uses of Fish, and an introduction, bringing the subject down to date. 30 plates. New York, 1880, Orange Judd Company.

Octavo, pp. i-x (1), III-XII, 1-529 (1),

Reviewed in Nature, London, XXII, 1880, August 12, p. 335.

GOODE, G. Brown, and BEAN, T. H. Descriptions of two New Species of Fishes (Macrurus bairdii and Lycodes verrillii) recently discovered by the U. S. Fish Commission, with notes upon the occurrence of several unusual forms.

American Journal of Science and Arts (3) XIV, December, 1877, pp. 470-478.

Also issued as a separate, octavo, pp. 10 (17,470-478).

Noticed in Nature, London, XVII, 1877-78, January 10, p. 213.

GOODE, G. Brown, and BEAN, T. H. The Craig Flounder of Europe, Glyptocephalus cynoglossus, on the Coast of North America.

Proceedings of the U.S. National Museum, I, May 8, 1878, pp. 19-23.

GOODE, G. Brown, and BEAN, T. H. The Oceanic Bonito on the Coast of the United States.

Proceedings of the U. S. National Museum, I, July 1, 1878, pp. 24-26.

GOODE, G. Brown, and BEAN, T. H. Description of *Caulolatilus microps*, a New Species of Fish from the Gulf Coast of Florida.

Proceedings of the U.S. National Museum, I, July 1, 1878, pp. 42-45.

- GOODE, G. Brown, and BEAN, T. H. On a New Serranoid fish, Epincphelus drummond-hayi, from the Bermudas and Florida. Proceedings of the U. S. National Museum, I, October 2, 1878, pp. 173-175.
- GOODE, G. Brown, and BEAN, T. H. Descriptions of two New Species of Fishes, Lutjanus blackfordii and Lutjanus stearnsii, from the Coast of Florida. Proceedings of the U.S. National Museum, I, October 4, 1878, pp. 176-181.
- GOODE, G. Brown, and BEAN, T. H. A Note on the Black Grouper (*Epincphelus nigritus* (Holbrook) Gill) of the Southern Coast.

  Proceedings of the U. S. National Museum, I, October 15, 1878, pp. 182-184.
- GOODE, G. Brown, and BEAN, T. H. Descriptions of two Gadoid Fishes, *Phycis chesteri* and *Haloporphyrus viola*, from the Deep-sea Fauna of the Northwestern Atlantic.

Proceedings of the U.S. National Museum, I, December 17, 1878, pp. 256-260.

- GOODE, G. Brown, and BEAN, T. H. Description of Argentina systensium, a New Deep-sea Fish from Sable Island Bank.

  Proceedings of the U.S. National Museum, I, December 17, 1878, pp. 261-263.
- GOODE, G. Brown, and BEAN, T. H. Discoveries of the U. S. Fish Commission. Notices of fifty Species of East-Coast Fishes, many of which are new to the Fauna.

  American Journal of Science and Arts, XVII, January, 1879, pp. 39-48.

  Also issued as a separate.
- GOODE, G. Brown, and BEAN, T. H. The Identity of *Rhinonemus caudacuta* (Storer) Gill, with *Gadus cimbrius* Linnæus.

  Proceedings of the U. S. National Museum, I, February 14, 1879, pp. 348, 349.
- GOODE, G. Brown, and BEAN, T. H. Note on Platessa ferruginea D. H. Storer, and Platessa rostrata H. R. Storer. Proceedings of the U. S. National Museum, I, February 14, 1879, pp. 361, 362.
- GOODE, G. Brown, and BEAN, T. H. On the Identity of *Brosmius americanus* Gill with *Brosmius brosme* (Müller) White.

  Proceedings of the U. S. National Museum, I, March 10, 1879 pp. 362, 363.
- GOODE, G. Brown, and BEAN, T. H. Description of a Species of Lycodes (L. paxillus) obtained by the U. S. Fish Commission.

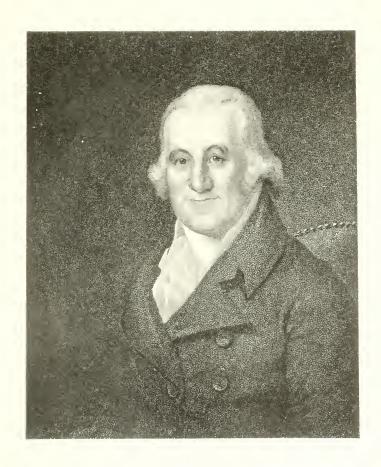
  Proceedings of the U. S. National Museum, II, May 23, 1879, pp. 44-46.
- GOODE, G. Brown, and Bean, T. H. Description of a New Species of *Liparis* (*L. ranula*) obtained by the U. S. Fish Commission off Halifax, Nova Scotia.

  \*Proceedings of the U. S. National Museum, II, May 23, 1879, pp. 46-48.
- GOODE, G. Brown, and BEAN, T. H. Description of a New Species of Amber Fish (Seriola stearnsii) obtained near Pensacola, Florida, by Mr. Silas Stearns.

  Proceedings of the U. S. National Museum, II, July 1, 1879, pp. 48-51.
- Goode, G. Brown, and Bean, T. H. Description of Allepocephalus bairdii, a New Species of Fish from the Deep-sea Fauna of the Western Atlantic.

  Proceedings of the U. S. National Museum, II, July 10, 1879, pp. 55-57.
- GOODE, G. Brown, and BEAN, T. H. Catalogue of a Collection of Fishes sent from Pensacola, Florida, and vicinity, by Mr. Silas Stearns, with Descriptions of six New Species.

Proceedings of the U.S. National Museum, II, September 19, November 5, 1879, pp. 121-156.



Mistar



- GOODE, G. Brown, and BEAN, T. H. Description of a New Genus and Species of Fish, Lopholatilus chamceleonticeps, from the South Coast of New England.

  Proceedings of the U. S. National Museum, II, November 5, 1870, pp. 205-203
- GOODE, G. Brown, and BEAN, T. H. On the Occurrence of Lycodes vahilii Reinhardt on La Have and Grand Banks.

Proceedings of the U.S. National Museum, H. December 6, 1870, pp. 200, 210,

GOODE, G. Brown, and BEAN, T. H. A Catalogue of the Fishes of Essex County,
Massachusetts, including the Fauna of Massachusetts Bay and the contiguous
Deep Waters.

Bulletin of the Essex Institute, XI, 1879, pp. 1-38.

- Also published separately under the following title: A List of the Fishes of Essex County, including those of Massachusetts Bay, according to the latest Results of the Work of the U.S. Fish Commission. (From the *Bulletin of the Essex Institute*, XI.) Salem, Printed at the Salem Press, 1879. Octavo, pp. (2) 38.
- GOODE, G. Brown, and BEAN, T. H. Catalogue of a Collection of Fishes obtained in the Gulf of Mexico, by Doctor J. W. Velie, with Descriptions of seven New Species,

Proceedings of the U.S. National Museum, II, March 25, 1880, pp. 333-345.

- GOODE, G. Brown, and BEAN, T. H.—Description of a New Species of Fish 1. Ipogon pandionis) from the Deep Waters off the Mouth of the Chesapeake Bay.

  Proceedings of the U. S. National Museum, IV. August 11, 1881, pp. 160, 161.
- GOODE, G. Brown, and BEAN, T. H. Benthodesmus, a New Genus of Deep-sea Fishes, allied to Lepidopus.

  Proceedings of the U. S. National Museum, IV, December 30, 1881, pp. 379-383.
- GOODE, G. Brown, and BEAN, T. H. A List of the [296] Species of Fishes recorded as occurring in the Gulf of Mexico.

Proceedings of the U.S. National Museum, V, July 29, 1882, pp. 234-240.

GOODE, G. Brown, and BEAN, T. H. Descriptions of Twenty-five New Species of Pish from the Southern United States, and three new Genera, *Letharcus*, *Loglossus*, and *Chriodorus*.

Proceedings of the U.S. National Museum, V, September 12, 1882, pp. 412-437.

GOODE, G. Brown, and BEAN, T. H. Reports on the results of dredging, under the supervision of Alexander Agassiz, on the east coast of the United States during the summer of 1880 by the U. S. Coast Survey Steamer Blake, Commander J. R. Bartlett, U. S. N., commanding. Published by permission of Carlile P. Patterson and J. E. Hilgard, Superintendents of the U. S. Coast and Geodetic Survey. XIX. – Report on the Fishes.

Bulletin of the Museum of Comparative Zoology at Harvard College, X, No. 5, April, 1885, pp. 183-226.

- GOODE, G. Brown, and BEAN, T. H. Notes on some Florida Fishes.

  Proceedings of the U.S. National Museum, VII, June 3, 1884, pp. 42-47.
- Goode, G. Brown, and Bean, T. H. On the American Fishes in the Linnean Collection.

Proceedings of the U.S. National Museum, VIII, June 8, 1885, pp. 193-208.

- GOODE, G. Brown, and BEAN, T. H. Description of Leptophidium cervinum and L. marmoratum, new Fishes from Deep Water off the Atlantic and Gulf Coasts. Proceedings of the U. S. National Museum, VIII, September 17, 1885, pp. 422-424.
- GOODE, G. Brown, and BEAN, T. H. Descriptions of new Fishes obtained by the U. S. Fish Commission, mainly from Deep Water off the Atlantic and Gulf Coasts. Proceedings of the U. S. National Museum, VIII, October 20, 1885, p. 589.
- GOODE, G. Brown, and BEAN, T. H. Description of a new Genus and Species of Pediculate Pishes (Halieutella lappa).

Proceedings of the Biological Society of Washington, II, 1885, p. 88.

Goode, G. Brown, and Bean, T. H. Reports on the Results of Dredging, under the Supervision of Alexander Agassiz, in the Gulf of Mexico (1877–78) and in the Caribbean Sea (1879–80), by the U. S. Coast Survey steamer *Blake*, Lient. Commander C. D. Sigsbee, U. S. N., and Commander J. R. Bartlett, U. S. N., commanding. Published by permission of Carlile P. Patterson and J. E. Hilgard, Superintendents of the U. S. Coast and Geodetic Survey.

XXVIII.—Description of thirteen Species, and two Genera of Fishes from the *Blake* Collection.

Bulletin of the Museum of Comparative Zoology at Harvard College, XII, No. 5, July, 1886, pp. 153-170.

GOODE, G. Brown, and BEAN, T. H. The Present Condition of the Study of Deepsea Fishes.

Proceedings of the American Association for the Advancement of Science, XI, 1892, p. 324. (Washington Meeting.)

GOODE, G. Brown, and BEAN, T. H. Scientific Results of Explorations by the U. S. Fish Commission Steamer *Albatross*. No. XXVIII. On Cetominidae and Rondeletiidæ, two new Families of Bathybial Fishes from the Northwestern Atlantic.

Proceedings of the U.S. National Museum, XVII, January 26, 1895, pp. 451-454, pl. XVII.

GOODE, G. Brown, and BEAN, T. H. Scientific Results of Explorations by the U.S. Fish Commission Steamer *Albatross*. No. XXIX. A Revision of the order Heteromi, Deep-sea Fishes, with a description of the generic types *Macdonaldia* and *Lipogenys*.

Proceedings of the U.S. National Museum, XVII, January 26, 1895, pp. 455-470.

- GOODE, G. Brown, and BEAN, T. H. Scientific Results of Explorations by the U. S. Fish Commission Steamer Albatross. No. XXX. On Harriotla, a new type of Chimaeroid Fish from the Deeper Waters of the Northwestern Atlantic.

  Proceedings of the U.S. National Museum, XVII, January 26, 1895, pp. 471-473.
- GOODE, G. Brown, and BEAN, T. H. Oceanic Ichthyology, a treatise on the Deepsea and Pelagic Fishes of the World, based chiefly upon the collections made by the Steamers *Blake*, *Albatross*, and *Fish Hawk* in the Northwestern Atlantic.

  Special Bulletin of the U.S. National Museum, 1895 (1896), pp. i-xxxv, 1-529, pls. I-123.

  The plates constitute a separate volume.
- GOODE, G. Brown, and Clark, A. Howard. The Menhaden Fishery.

  The Fisheries and Fishery Industries of the United States, Section V. I, 1887, pp. 327-415, 32 plates.
- GOODE, G. Brown, and COLLINS, Joseph W. The Fishermen of the United States.

  The Fisheries and Fishery Industries of the United States, Section IV, 1887, pp. 1-129, 13

  plates. Abstract printed in Transactions of the Anthropological Society of Washington, I, pp. 62-66; also in the New York Tribune, June 23, 188.
- GOODE, G. Brown, and COLLINS, Joseph W. The Bank Hand-line Cod Fishery.

  The Fisheries and Fishery Industries of the United States, Section V. I, 1887, pp. 123-133,
  2 plates.
- GOODE, G. Brown, and COLLINS, Joseph W. The Labrador and Gulf of Saint Lawrence Cod Pisheries.

  The Fisheries and Fisher y Industries of the United States, Section V. I., pp. 133-147, 6
- GOODE, G. Brown, and COLLINS, Joseph W. The Bank Trawl-line Cod Fishery.

  The Fisheries and Fishery Industries of the United States, Section V, I, pp. 148-187, 5
  plates.
- GOODE, G. Brown, and Collins, Joseph W. The George's Bank Cod Fishery.

  The Fisheries and Fishery Industries of the United States, Section V, I, pp. 187-198, 6 plates.

- GOODE, G. Brown, and COLLINS, Joseph W. The Haddock Fishery of New England.
  - The Fisheries and Fishery Industries of the United States, Section V, I, pp. 234-241, 3
  - Printed also in the Bulletin of the U. S. Fish Commission, I, 1881 (1882), pp. 226-235, the Transactions of the American Fish-Cultural Association, Eleventh Annual Meetin, New York, 1882, pp. 43-56, and Forest and Stream, XVIII, May 18, 1882,
- GOODE, G. Brown, and COLLINS, Joseph W. The Hake Fishery. The Fisheries and Fishery Industries of the United States, Section V, I, pp. 241-243, 3 plates.
- GOODE, G. Brown, and COLLINS, Joseph W. The Mackerel Fishery. The Fisheries and Fishery Industries of the United States, Section V, I, 1887, pp. 245-313, 28 plates.
- GOODE, G. Brown, COLLINS, J. W., EARLL, R. E., and CLARK, A. Howard. Materials for a History of the American Mackerel Fishery. Report of the U.S. Commissioner of Fish and Fisheries, 1881 (1883), pp. [1]-[441].
- GOODE, G. Brown, COLLINS, Joseph W., and SCUDDER, Newton P. The Halibut Fisheries.

The Fisheries and Fishery Industries of the United States, Section V, I, 1887, pp. 3-119, 22 plates.

GOODE, G. Brown, and SCUDDER, Newton P. Bibliography of the Writings of the Alumni and Faculty of Wesleyan University.

Alumni Record of Wesleyan University, Middletown, Connecticut, 1883, octavo, pp. 529-668.

#### PAPERS EDITED BY GEORGE BROWN GOODE.

- Statistics of American Fisheries submitted to the Superintendent of the Tenth Census:
  - (1) Census Bulletin No. 176. Preliminary Report upon the Pacific States and Territories. Prepared by Mr. G. Brown Goode from returns of Special Agents Jordan, Swan, and Bean. May 24, 1881. pp.6.
  - (2) Census Bulletin No. 261. Statistics of the Fisheries of the Great Lakes. Prepared by Mr. Frederick W. True from notes of Special Agent Kumlien. September 1, 1881. pp. 8.
  - (3) Census Bulletin No. 278. Statistics of the Fisheries of Maine. Prepared by Mr. R. E. Earll from his own notes and those of Mr. C. G. Atkins. November 21, 1881, pp. 47.
  - (4) Census Bulletin No. 28t. Statistics of the Fisheries of Virginia. Prepared by Colonel Marshall McDonald. December 1, 1881. pp. 8.
  - (5) Census Bulletin No. 291. Statistics of the Fisheries of New Hampshire, Rhode Island, and Connecticut. Prepared by Mr. A. Howard Clark. April 5, 1882. pp. 7.
  - (6) Census Bulletin No. 295. Statistics of the Fisheries of Massachusetts. Prepared by Mr. A. Howard Clark from returns of Special Agents Wilcox, Clark, True, Collins, and Atwood. March 1, 1882. pp. 35.
  - (7) Census Bulletin No. 297. Commercial Fisheries of the Middle States. Prepared by Mr R. E. Earll and Colonel M. McDonald. June 5, 1882. pp. 14. (This bulletin includes statistics of Census Bulletin No. 281.)
  - (8) Census Bulletin No. 298. Commercial Fisheries of the Southern Atlantic States. Prepared by Mr. R. E. Earll and Colonel Marshall McDonald. June 5, 1882. pp. 18. In all, 148 pages, quarto.
- In addition to these certain special tables appeared, as follows:
  - (9) Statistical table. Table showing by States the persons employed, capital invested, and value of products in the oyster industry.
  - (10) Statistical table. Statistics of the Fisheries of the United States in 1880. Prepared by Messrs. Goode and Earll from the reports of the special agents. Printed in the Compendium of the Tenth Census, p. 1402. pp. 2. Reprinted in Bulletin of the United States Fish Commission, 111, 1883, pp. 270, 271, and in the Preliminary Catalogue International Fisheries Exhibition, facing p. 5.

- (11) Statistical table. Table showing by States the quantity of Spanish mackerel taken in 1880 and the total catch for the United States. By R. Edward Earll. Report of the United States Commissioner of Fish and Fisheries, Part VIII, 1880. p. 416.
- (12) Statistical summary. (Statistics of the Davis Strait Halibut Fishery.) By Newton P. Scudder. Report of the United States Commissioner of Fish and Fisheries, Part VIII, 1880. pp. 190-192.
- (13) Statistical summary. (Statistics of the Swordfish Fishery.) By G. Brown Goode. Report of the United States Commissioner of Fish and Fisheries, Part VIII, 1880. pp. 361-367.
- (14) Statistical summaries. Statistics of the Mackerel Fishery in 1880. By R. Edward Earll. Report of the United States Commissioner of Fish and Fisheries, Part IX, 1881. p. (124) (127).
  - Statistics of the Mackerel Canning Industry. By R. Edward Earll. Report of the United States Commissioner of Fish and Fisheries, Part IX, 1881. p. (131).
  - Statistics of the Inspection of Mackerel from 1804 to 1880. By A. Howard Clark. Report of the United States Commissioner of Fish and Fisheries, Part IX, 1881. pp. (162) (213). Vessels in the Mackerel Fishery in 1880. Report of the United States Commissioner
    - of Fish and Fisheries, Part IX, 1881. p. 418.

      Catch of Mackerel by Americans in Canadian Waters. 1873-1881. Report of the United States Commissioner of Fish and Fisheries, Part IX, 1881. p. (430).
- (15) Statistical summary. (Statistics of the use of fish guano as a fertilizer.) By Charles W. Smiley. Report of the United States Commissioner of Fish and Fisheries, Part IX, 1881. pp. 673-693.
- (16) Statistical summary. (A statistical review of the production and distribution to public waters of young fish by the United States Fish Commission from its organization in 1871 to the close of 1880.) By Charles W. Smiley. Report of the United States Commissioner of Fish and Fisheries, Part IX, 1881. pp. 826-842.
- The Fisheries and Fishery Industries of the United States. Prepared through the cooperation of the U. S. Commissioner of Fish and Fisheries and the Superintendent of the Tenth Census.

Quarto, 7 vols., 3,931 pp., 581 plates and charts.

Section I (1884). Natural history of useful aquatic animals (with an atlas of 277 plates):

Part I. The Whales and Porpoises. By G. Brown Goode. The Seals and Walruses. By Joel A. Allen.

The Habits of the Fur Seal. By Henry W. Elliott.

The Manatees and the Arctic Sea-cow. By Frederick W. True.

II. Reptiles and Batrachians. By Frederick W. True.

- III. The Food Fishes of the United States. By G. Brown Goode.
  - 11. The File Fishes, Pipe Fishes, and Anglers. Pp. 169-174.
  - I. The Flat Fishes and Flounders. Pp. 175-199.
  - J. The Cod Family and its Kindred. Pp. 200-246.
  - K. Wolf-Fishes, Sculpins, and Wrasses. Pp. 247-280.
  - I. The Mackerel and its Allies. Pp. 281-359.
  - M. The Tile-Fish Family, and Others. Pp. 360-361.
  - N. The Drum Family. Pp. 362-380.
  - O. Sheepshead, Bass, Bream, Perch, etc. Pp. 381-447.
  - P. Barracouta, Mullet, Pike, and Mummichogs. Pp. 448-467.
  - Q. The Salmon Tribe. Pp. 468-548.
  - R. The Herring Tribe. Pp. 549-577.
  - S. The Shad and the Alewives. Pp. 579-609.
  - T. Families related to the Clupeidæ. Pp. 610-613.
  - U. Carp, Suckers, Catfish, and Eels. Pp. 614-658.
  - V. Sturgeons, Skates, Sharks, and Lampreys. Pp. 659-682.
- IV. Mollusks in General. By Ernest Ingersoll.
  - The Life History of the Oyster. By John A. Ryder.
  - V. Crustaceaus, Worms, Radiates, and Sponges. By Richard Rathbun.
- Section 11 (1887): A geographical review of the fishery industries and fishing communities for the year 1880.
  - Part I. The Coast of Maine and its Fisheries. By R. Edward Earll.
    - H. The Fisheries of New Hampshire. By W. A. Wilcox.
    - III. The Fisheries of Massachusetts. By A. Howard Clark.
    - IV. The Fisheries of Rhode Island. By A. Howard Clark.
    - V. Connecticut and its Fisheries. By A. Howard Clark.
    - VI. New York and its Fisheries. By Fred Mather.
    - VII. New Jersey and its Fisheries. By R. Edward Earll.
    - VIII. Pennsylvania and its Fisheries. By R. Edward Earll.



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- Section II (1887): A geographical review of the fishery industries and fishing communities for the year 1880—Continued.
  - Part IX, Delaware and its Fisheries. By J. W. Collins.
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    - XI. Virginia and its Fisheries. By Marshall McDonald.
    - XH. North Carolina and its Fisheries. By R. Edward Earll.
    - XIII. The Fisheries of South Carolina and Georgia. By R. Edward Earll.
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    - XV. The Fisheries of the Gulf of Mexico. By Silas Stearns.
    - XVI. The Fisheries of the Pacific Coast. By David S. Jordan.
    - XVII. The Fisheries of the Great Lakes. By Frederick W. True.
      - Appendix: Historical References to Fisheries. By A. Howard Clark.
- Section III (1887): The fishing grounds of North America (with 49 charts). Edited by Richard Rathbun.
  - Part A. The Sea Fishing Grounds of the Eastern Coast of North America from Greenland to Mexico. By Joseph W. Collins and Richard Rathbun.
    - B. The Sea Fishing Grounds of the Pacific Coast of the United States from the Straits of Puca to Lower California. By David S. Jordan.
    - C. The Fishing Resources and Fishing Grounds of Alaska. By Tarleton II. Bean.
    - D. The Fishing Grounds of the Great Lakes. By Ludwig Kumlien and Frederick W. True.
    - E. The Geographical Distribution of Freshwater Food Fishes in the Several Hydrographic Basins of the United States. By David S. Jordan. Appendix: Ocean Temperatures of the Eastern Coast of the United States,
- with thirty-two charts. Section IV (1887):
  - The Fishermen of the United States. By G. Brown Goode and J. W. Collins, with autobiography of Capt. N. E. Atwood.
- Section V, Vol. 1 (1887): History and methods of the fisheries (with an atlas of 255 plates).
  - Part I. The Halibut Fisheries. By G. Brown Goode, J. W. Collins, and N. P. Scudder.
    - The Cod, Haddock, and Hake Fisheries. By G. Brown Goode, J. W. Collins, and Tarleton H. Beau.
    - III. The Mackerel Fishery. By G. Brown Goode and J. W. Collins.
    - IV. The Swordfish Fishery. By G. Brown Goode.
    - V. The Menhaden Fishery. By G. Brown Goode and A. Howard Clark.
    - VI. The Herring Fishery and the Sardine Industry. By R. Edward Earll.
    - VII. The Shore Pisheries of Southern Delaware. By J. W. Collins.
    - VIII. The Spanish Mackerel Fishery. By R. Edward Earll.
      - IX. The Mullet Fishery By R. Edward Earll.
      - X. The Red-snapper and Havana Market Fisheries. By Silas Stearns.
      - XI. The Pound-net Fisheries of the Atlantic States. By Frederick W. True.
    - XII. The River Fisheries of the Atlantic States. By Marshall McDonald, Frederick W. True, W. A. Wilcox, and C. G. Atkins.
    - XIII, The Salmon Fishing and Canning Interests of the Pacific Coast. By David S. Jordan and C. H. Gilbert.
    - XIV. The Fisheries of the Great Lakes. By Ludwig Kumlien.
- Section V, Vol. II (1887):
  - Part XV. The Whale Fishery. By A. Howard Clark and James Templeman Brown.
    - XVI. The Blackfish and Porpoise Fisheries. By A. Howard Clark.
    - XVII. The Pacific Walrus Fishery. By A. Howard Clark.
    - XVIII. The Scal and Sca-otter Industries. By Henry W. Elliott, James G. Swan, and A. Howard Clark.
      - XIX. The Turtle and Terrapin Fisheries. By Frederick W. True.
      - XX. The Oyster, Scallop, Clam, and Abalone Industries. By Ernest Ingersoll.
      - XXI. The Crab, Lobster, Crayfish, Rock-lobster, Shrimp, and Prawn' Fisheries. By Richard Rathbun.
    - XXH. The Leech Industry and Trepang Fishery. By Richard Rathbun.
    - XXIII. The Sponge Fishery and Trade. By Richard Rathbun. Reviewed in Naturwissenschaftliche Rundschau, August, 1887.
- (Associate Editor) Alumni Record of Wesleyan University, Middletown, Connecticut. Boston, Press of Rand, Avery & Co., 1873.
  - Octavo, pp. I-XXVIII, 1-293. A second edition.

1879. International Exhibition, 1876. Catalogue of the Collection to illustrate the Animal Resources and the Fisheries of the United States exhibited at Philadelphia in 1876 by the Smithsonian Institution and the United States Fish Commission and forming a part of the United States National Museum. Washington, Government Printing Office.

Bulletin of the U. S. National Museum, No. 14, 1879, pp. 1-351.

Proceedings of the Biological Society of Washington, I, November 19, 1880, to May 26, 1882.

Octavo, pp. 1-110.

Descriptive catalogue of the collections sent from the United States to the International Fisheries Exhibition, London, 1883, constituting a report upon the American section. Prepared under the direction of G. Brown Goode, U. S. Commissioner, and a staff of associates.

Bulletin of the U.S. National Museum, No. 27, 1884, pp. 1-1279.

Contributions to the Natural History of the Bermudas. G. Brown Goode and J. Matthew Jones.

Bulletin of the U. S. National Museum, No. 25, 1884, pp. i-xxiii, 1-353.

Report of the United States Commission to the Columbian Historical Exposition at Madrid, 1892–93. With special papers. Washington, Government Printing Office. 1895.

Octavo, pp. 1-441, with plates and figures.

<sup>1</sup> The Smithsonian Institution, 1846–1896. The history of its first half century. Edited by George Brown Goode. City of Washington. 1897.

Royal octavo, pp. i-x, 1-856, with 26 full-page illustrations.

#### PAPERS REVIEWED BY GEORGE BROWN GOODE.

Commercial Statistics of Animal Products in the United States: A Review of a portion of the Report of the Chief of the Bureau of Statistics for the Fiscal Year ending June 30, 1877.

Bulletin of the U.S. National Museum, No. 14, 1879, pp. 272-300.

The Commercial Products of the Sea, or Marine Contributions to Food, Industry and Art. By P. L. Simmonds.

Chicago Field, April 26, 1879, p. 163.

A Century of Electricity. By T. C. Mendenhall.

The Epoch, New York, I, April 15, 1887, pp. 239, 240.

A New Work on American Birds. (Review of Ridgway's "Key.")

The Epoch, 11, 1887, p. 336.

School of Life. By Theodore F. Seward.

Public Opinion.

The Life and Writings of Constantine Samuel Rafinesque. (Filson Club Publications, No. 10.) By R. Ellsworth Call.

Science (new series), I, April 19, 1895, pp. 384-387.

r Posthumous,



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