AN ANALYTICAL SUBJECT BIBLIOGRAPHY OF THE PUBLICATIONS OF THE BUREAU OF FISHERIES 1871–1920

By ROSE M. E. MACDONALD
Librarian, U. S. Bureau of Fisheries

APPENDIX V TO THE REPORT OF THE U. S. COMMISSIONER OF FISHERIES FOR 1920

Bureau of Fisheries Document No. 899

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LETTER OF TRANSMITTAL.

DEPARTMENT OF COMMERCE,
BUREAU OF FISHERIES,

Hon. Hugh M. Smith,
Commissioner of Fisheries.

DEAR SIR: I have the honor to submit herewith "An Analytical Subject Bibliography of the Publications of the Bureau of Fisheries, 1871-1920," being an analysis of the reports, appendices, special papers, bulletins, economic circulars, occasional papers, and of "The Fisheries and Fishery Industries."

Covering the investigations of the Bureau since its incipiency, it shows, in a measure, the work of a number of men of no mean fame in the field of biology. Much of it was pioneer work, which modern investigators cannot afford to ignore.

The work here transmitted was started in 1912, as a catalogue of the publications of the Bureau. Later it was decided to assemble these titles under subjects pertinent to the work of the Bureau.

In compiling this subject index it was found that references to many valuable results would be lost unless a meticulous analysis of the publications be made. Each paper was therefore examined searchingly, and when the discussion was found to be of sufficient detail, a title for it was made. For instance, of the 141 titles of Food of fishes, 87 were made from the subject contents.

It had long been realized and often stated by those cognizant of the ideals of the Bureau that there was a veritable fund of valuable information in the publications of the Bureau, which was lost because the modern investigator knew not how to find it. It is hoped that this work will prove a valuable key.

The arrangement differs from that usually employed in bibliographies, the object having been to arrange it from the viewpoint of the investigator. Into a work of such detail, the preparation of which has necessarily extended over several years, some mistakes will doubtless appear. For these I am quite willing to assume responsibility, knowing that a bibliography of such magnitude can not be perfect.

In its entirety it stands as a slight tribute to the builders of the Bureau of Fisheries and to all who have labored with them. It has been a pleasure and an inspiration to do the work, and I hope it may prove of value. I have the honor to be,

Very respectfully,

Rose M. E. MacDonal, Librarian.

By Rose M. E. MacDonald, Librarian.

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a Analytical subject table of contents is given with each part, except in parts 3 and 6, where it is given with each section.
EXPLANATORY NOTE.

The bibliography is composed of two styles of titles, those given just as they appear in the publications and those resulting from the analysis of each article. For the first style, cards have been printed by the Library of Congress from copy prepared in this Bureau. These cards may be purchased from the Library of Congress, the card wanted to be designated by the call number, which appears in the right-hand margin of each page. The second style, or "made titles," are designated by brackets and have no printed cards.

The arrangement under each subject is by authors listed alphabetically. The arrangement under each author is chronological.

Work or investigations covered in the annual report of the Commissioner are combined under the authorship of the United States Commissioner of Fisheries. To give the name of the Commissioner sponsoring the work would frequently destroy the chronological arrangement. For those who may care to cite the Commissioner's name the following list is given:

Baird, Spencer Fullerton, 1871-1887.
Goode, G. Brown, 1887-1888.
McDonald, Marshall, 1888-1895.
Gill, Herbert A. (acting), 1895-1896.
Bowers, George M., 1898-1913.
Smith, Hugh M., 1913-

For the purpose of chronological arrangement, divisional reports are given under the authorship of the United States Bureau of Fisheries.

In analyzing reports (meaning also appendices and special papers) and bulletins, the analysis in each case has been of the bound volume, and the date of issue given for each title is therefore that of the volume. In the majority of cases, however, the articles comprising the bound volume are first issued as separates. In all such instances, in addition to the date of issue of the volume, the date of issue of the article as a separate is given in italics. The one exception is in the treatment of the annual reports, page 7, where the date of issue of the separate only is given.

Being an analysis of publications of the Bureau of Fisheries only, which are always printed in Washington and, with few exceptions, by the Government Printing Office, the place of publication is omitted in every case, and the printer given only in the exceptions.
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*a For “Fish-cultural stations” and “Cars” see Part 3, Section 2. For “Vessels” see Part 2.*
PART 1.—UNITED STATES BUREAU OF FISHERIES.

HISTORY.


Smith, Hugh M.: The United States Bureau of fisheries, its establishment, functions, organization, operations, and achievements. 80 p., front. (ports), illus. Doc. 641 issued September, 1908. 8-35683

U. S. Bureau of Fisheries: Directory of officers, collaborators, employees, etc., of the Smithsonian institution, National museum, Geological survey, and Fish commission. 8 p. Doc. 59 issued June, 1882. F14-184


——— [Origin and functions.] Printed for distribution at the Lewis and Clark centennial exposition, Portland, Oregon, 1905, by the U. S. Department of commerce and labor, section of the Bureau of fisheries. 6 p., illus. A14-A15

——— [Origin and functions.] Printed for distribution at the Ter-Centennial Exhibition, near Norfolk, Va., 1907, by the U. S. Bureau of fisheries. 1907. 10 p.; illus. ANNUAL REPORTS.


PUBLICATIONS.

Scudder, Charles W.: A list of the blank forms, circulars, and minor publications of the U. S. Fish commission from August 1, 1883, to August, 1884. Bulletin, 1884 (1884), vol. IV, p. 397-400. F18-350

Smiley, Charles Wesley: List of papers relating to the work of the United States Fish commission from its organization in 1871, to July 1, 1883, and which have been published under the direction of the United States Fish commission, National museum, and Tenth census, together with a topical synopsis of the titles. Bulletin, 1883 (1883), vol. III, p. 1-85. F18-114

A list of the blank forms, circulars, and minor publications of the United States Fish commission from its organization in 1871 to August 1, 1883. Bulletin, 1883 (1883), vol. III, p. 129-148. F18-121


List of publications of the Bureau of fisheries available for distribution. Doc. 614 issued Sept. 4, 1907; Jan. 23, 1908; Apr. 25, 1908; Dec. 21, 1908; Mar. 20, 1909; May 7, 1910; Feb. 19, 1911; Aug. 15, 1913; Oct. 20, 1914; July 17, 1915; May 26, 1916.

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KEY WEST, FLA.

HISTORY.


BRIEF MENTION OF WORK.


WOODS HOLE, MASS.

HISTORY.


— [Appropriation by Congress.] Report, 1882 (1884), p. XLII.
— [Purchase of land by private subscription; also donation of shore line.] Report, 1883 (1885), p. LIV.

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Tanner, Zera Luther: Report on the work of the United States Fish commission steamer Fish Hawk for the year ending December 31, 1882, and on the construction of the steamer Albatross. Report, 1882 (1884), 32 p. F11–270


—— [Repairs to Albatross.] Report, 1899 (1900), p. XXVII.

BLUE LIGHT.

U. S. Commissioner of Fisheries: [Detail by Secretary of Navy of Blue Light.] Report, 1877 (1879), p. 2*.

CANVAS BACK.


FISH HAWK.

Tanner, Zera Luther: Report on the construction and work in 1880 of the Fish commission steamer Fish Hawk. Report, 1881 (1884), 53 p. incl. tables, XVIII pl. Doc. 70 issued May 1, 1884. F12–234


—— [Construction of the Fish Hawk.] Report, 1879 (1882), p. XVIII.

—— [Description of the Fish Hawk.] Report, 1880 (1883), p. XXVI.

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Tanner, Zera Luther: [Apparatus for deep-sea research, on the U. S. Fish commission steamer Albatross.] Report, 1883 (1885), p. 53–102.


Verrill, Addison Emory: Description of some of the apparatus used by the United States Commission of fish and fisheries in dredging off the New England coast. Report, 1880 (1883), p. 65–74, 4 pl. F16–303

INVESTIGATIONS AND RESULTS.


ALBATROSS.


Drake, Franklin Jeremiah: Report upon the investigations of the U. S. Fish commission steamer Albatross during a cruise along the Atlantic coast and in the Gulf of Mexico, with notes on the Gulf fisheries. Report, 1885 (1887), p. 217-311, X pl. Doc. 119 issued Nov. 5, 1887. F11-298


Rathbun, Richard: Summary of the fishery investigations conducted in the North Pacific Ocean and Bering Sea from July 1, 1888, to July 1, 1892, by the U. S. Fish commission steamer Albatross. (List of charts and other publications bearing upon the fishery investigations of the steamer Albatross, p. 198-201.) Bulletin, 1892 (1894), vol. XIII, p. 127-201, pl. LI-LV. Doc. 228 issued Feb. 6, 1894. F12-163


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Baird, Spencer F.: [\textit{Albatross} put in commission Nov. 11, 1882.] Report, 1882 (1884), p. XXV-XXVII.

— [First year's work of the \textit{Albatross}.] Report, 1883 (1885), p. XXVIII.


Smith, Hugh M.: [Operations of the \textit{Albatross}.] Report, 1897 (1898), p. CXVII-CXVIII.


BACHE.


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Moore, Henry Frank, and Ernest Dangiade: Condition and extent of the natural oyster beds and barren bottoms of Mississippi coast of Biloxi. Report and special papers, 1911 (1913), 42 p., VI pl., fold. map. Doc. 774 issued May 16, 1913. F12-72


Tanner, Zera Luther: A report of the work of the United States Fish commission steamer Fish Hawk, for the year ending December 31, 1881, Report, 1881 (1884) p. 55—85, incl. tables, illus.


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Verrill, Addison Emory: Physical characters of the portion of the continental border beneath the Gulf Stream, explored by the Fish Hawk, 1880 to 1882. Report, 1882 (1884), p. 1045-1058, V pl. Doc. 84 issued Aug. 15, 1884. F11-266


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DREDGING AND HYDROGRAPHIC RECORDS.

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McDonald, Marshall: [Fluctuations of water temperature in the Chesapeake region.] Report, 1883 (1885), p. 1034, pl.

ALBATROSS.


Rathbun, Richard: Summary of the fishery investigations conducted in the north Pacific Ocean and Bering Sea from July 1, 1888, to July 1, 1892, by the U. S. Fish commission steamer Albatross. (List of charts and other publications bearing upon the fishery investigations of the steamer Albatross, p. 198–201.) Bulletin, 1892 (1894), vol. XIII, p. 127–201, pl. L–LV. Doc. 228 issued Feb. 6, 1894.


——— Report upon the investigations of the U. S. Fish commission steamer Albatross for the year ending June 30, 1892. Report, 1892 (1894), 64 p. incl. tables, pl. Doc. 284 issued Dec. 9, 1894. F14–58


**FISH HAWK.**

Tanner, Zera Luther: Report on the work of the U. S. Fish commission steamer *Fish Hawk* for the year ending December 31, 1882, and on the construction of the steamer Albatross. Report, 1882 (1884), 32 p., III ill. pl. F11-270


**LIMNOLOGY.**


--- Fishes and fishing in Sunapee Lake. Report and special papers, 1912 (1914), 96 p., illus., IX pl. (part. col.). Doc. 733 issued Jan. 28, 1914. F14-1


Pope, Thomas E. B.: Devil's Lake, North Dakota. A study of physical and biological conditions, with a view to the acclimatization of fish. Report and special papers, 1907 (1909), 22 p., 3 pl., fold. map. Doc. 634 issued July 16, 1908. 8-35574


PLANKTON.


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Evermann, Barton Warren: [A reconnaissance of the streams and lakes of western Montana and northwestern Wyoming.] Bulletin, 1891 (1893), vol. XI, p. 3-40, illus., pl. 1-V.


Smiley, Charles Wesley: List of the principal rivers of the United States which empty into the Atlantic Ocean, Pacific Ocean, and the Gulf of Mexico, with their tributaries. Report, 1882 (1884), p. 91-202. F16-328

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