

XXXIV.—BIBLIOGRAPHY OF REPORTS OF FISHERY COMMISSIONS.

BY THEODORE GILL.

[The following list, made by Prof. Theodore Gill, of the official reports of State fishery-commissions, has been carefully prepared, and includes all thus far published that could be procured. A list of the commissioners of each year is also inserted.—SPENCER F. BAIRD.]

A—NAMES OF COMMISSIONERS.

ALABAMA.

1871-'74: Charles S. G. Doster; Ro. Tyler; D. R. Hundley.

CALIFORNIA.

1870-'71: B. B. Redding; S. R. Throckmorton; J. D. Farwell.

1872-'74: S. R. Throckmorton; B. B. Redding; J. D. Farwell.

CONNECTICUT.

1866-'67: F. W. Russell; Henry C. Robinson.

1867-'68: H. Woodward; James Rankin; James A. Bill.

1869-'70: William M. Hudson; Robert G. Pike; Sam. H. Lord.

1870-'71: Robert G. Pike; William M. Hudson; James A. Bill.

1871-'74: William M. Hudson; Robert G. Pike; James A. Bill.

IOWA.

1873-'74: Samuel B. Evans; B. F. Shaw; C. A. Haines.

MAINE.

1867-'68: Nathan W. Foster; Charles G. Atkins.

1868-'71: Charles G. Atkins.

1871-'74: E. M. Stilwell; Henry O. Stanley.

MARYLAND.

1874: T. B. Ferguson; Philip W. Downs.

MASSACHUSETTS.

1856-'57: R. A. Chapman; Henry Wheatland; N. E. Atwood.

1865-'66: Theodore Lyman; Alf. A. Reed.

1867-'69: Theodore Lyman; Alfred R. Field.

1869-'70: Theodore Lyman; Alfred R. Field; E. A. Brackett.

1870-'71: Theodore Lyman; E. A. Brackett.

1871-'72: Theodore Lyman; E. A. Brackett; Thos. Talbot.

1872-'73: E. A. Brackett; Thos. Talbot.

1873-'74: Theodore Lyman; E. A. Brackett; Asa French.

MICHIGAN.

1873: John J. Bagley; George H. Jerome; George Clark.

1874: George Clark; A. D. Kellogg; John J. Bagley.

MINNESOTA.

1874: Horace Austin; David Day; O. W. Latham.

NEW HAMPSHIRE.

1865-'69: Henry A. Bellows; W. A. Sanborn.

1869-'72: Thomas E. Hatch; William W. Fletcher.

1872-'73: William W. Fletcher; W. A. Sanborn; Thomas E. Hatch.

1874: Oliver H. Noyes; John S. Wadleigh; A. C. Fifield.

NEW JERSEY.

1870-'72: B. P. Howell; J. H. Slack.

1872-'73: B. P. Howell; J. H. Slack; J. R. Shotwell.

1874: B. P. Howell; J. R. Shotwell; G. A. Anderson.

NEW YORK.

1868: Horatio Seymour; Seth Green; Robert B. Roosevelt.

1869-'71: Horatio Seymour; George G. Cooper; Robert B. Roosevelt.

1872-'74: Horatio Seymour; Edward M. Smith; Robert B. Roosevelt.

OHIO.

1873-'74: John H. Klippart; John Hussey; E. Sterling.

PENNSYLVANIA.

1870-'72: James Worrall.

1872-'73: H. J. Reeder; Ben. L. Hewit; James Duffy.

RHODE ISLAND.

1868-'69: Alfred Reed; Albert S. Gallup; S. S. Foss; C. H. Tompkins; E. D. Pearce.

1871-'74: John H. Barden; Newton Dexter; Alfred A. Reed, jr.

VERMONT.

1865-'69: Albert D. Hager; Charles Barrett.

1867: Albert D. Hager; Charles Barrett.

1869: Albert D. Hager; Charles Barrett.

1870-'74: M. C. Edmunds; M. Goldsmith.

VIRGINIA.

1871: William B. Ball; Asa Wall.

WISCONSIN.

1873-'74: William Welch; Alfred Palmer; P. R. Hoy.

B—BIBLIOGRAPHY OF REPORTS.

UNITED STATES.

Memoranda of inquiry | relative to the | food-fishes of the United States. [Washington: Government Printing-Office. 1872. 8vo, 5 pp.; without title-page.]

Questions relative | to the | food-fishes of the United States. [Washington: Government Printing-Office. 1873. 8vo, 7 pp.; without title-page.]

Statistics of the menhaden fisheries, etc. [Questions addressed to fishermen, etc.—Washington, December 20, 1873.—4to, letter-form, 2 l.]

[Draught of law for legislative protection of fish, by the Commissioner.—fol., bill-form, 6 pp.]

United States Commission of Fish and Fisheries. | — | Part 1. | — | Report | on the | condition of the sea-fisheries | of the | south coast of New England | in | 1871 and 1872. | By | Spencer F. Baird, | Commissioner. | — | -With supplementary papers. | — | Washington: | Government Printing-Office. | 1873. | [8vo, xlvii, 852 pp., 40 pl., with 38 l. explanatory (to pl. 1-38), 1 folded map.]

I. Report of the Commissioner, [S. F. Baird.] pp vii-xlvii.*

II. General plan of inquiries prosecuted. [1. Memoranda of inquiry relative to the food-fishes of the United States. 2. Questions relative to the food-fishes of the United States.] pp. 1-6.

III. Testimony in regard to the present condition of the fisheries, taken in 1871. pp. 7-72.

IV. Special arguments in regard to regulating the sea-fisheries by law. pp. 73-103.

V. Reports of State commissions in regard to regulating the sea-fisheries by law. pp. 104-124.

VI. Report of conference of the United States Commissioner with commissioners of Rhode Island and Massachusetts, held October 5, 1871. pp. 125-131.

VII. Draught of law proposed for the consideration of, and enactment by, the legislatures of Massachusetts, Rhode Island, and Connecticut. pp. 132-134.

VIII. Miscellaneous correspondence and communications on the subject of the sea-fisheries. pp. 135-138.

IX. European authorities on the subject of regulating the fisheries by law. pp. 139-148.

X. Notices in regard to the abundance of fish on the New England coast in former times. pp. 149-172.

XI. Statistics of fish and fisheries on the south shore of New England. pp. 173-181.

XII. Supplementary testimony and information relative to the condition of the fisheries of the south side of New England, taken in 1872. pp. 182-195.

XIII. Pleadings before the senate committee on fisheries, of the Rhode Island legislature, at its January session of 1872. pp. 196-227.

XIV. Natural history of some of the more important food-fishes of the south shore of New England [viz: the scup (*Stenotomus argyrops*) and the blue-fish (*Pomatomus saltatrix*)]. pp. 228-252.

XV. Description of apparatus used in capturing fish on the

* This portion, with the general title-page, (pp. i-xlvii,) was issued in advance separately.

sea-coast and lakes of the United States. pp. 253-274, with 19 (1-19) figs. and pl. (maps) xxxix and xl, and large folded map.

XVI. List of patents granted by the United States to the end of 1872 for inventions connected with the capture, utilization, or cultivation of fish and marine animals. pp. 275-280.

XVII. List of the sea-weeds or marine algæ of the south coast of New England. By W. G. Farlow, M. D. pp. 281-294.

XVIII. Report upon the invertebrate animals of Vineyard Sound and the adjacent waters, with an account of the physical characters of the region. By A. E. Verrill. pp. 295-778, with pl. i-xxxviii.

XIX. Catalogue of the fishes of the east coast of North America. By Theodore Gill. pp. 779-822.

XX. List of fishes collected at Wood's Hole, [between June 20 and October 4.] By S. F. Baird. pp. 823-827.

XXI. Table of temperatures of the little harbor, Wood's Hole, Mass., from January 1, 1873, to December 31, 1873. pp. 828-831.

XXII. List of illustrations. p. 833.

XXIII. General index. pp. 835-852.

42d Congress, 3d session. House of Representatives. Mis. Doc. No. 86. | = | Fish-propagation for food. | Letter | of | Professor Baird, | relative to | an appropriation for the propagation of food-fishes in the rivers of the | United States. [Washington: Government Printing-Office. 1873. 8vo, 7 pp.]

NOTE.—Without title-page.

43d Congress, 1st session. House of Representatives. Mis. Doc. No. 235. | = | Appropriation for preservation of food-fishes. | — | Letter | of the | United States Commissioner of fish and fisheries, | asking | a deficiency appropriation for the fiscal year ending June 30, 1874. [Washington: Government Printing-Office. 1874. Svo, 8 pp.]

ALABAMA.

Report | of the | commissioners to encourage | fish-culture, | submitted to the | governor of Alabama, | January 26th, 1872. | — | Montgomery, Ala.: | W. W. Screws, State printer. | — | 1872. [8vo, 7 pp.]

CALIFORNIA.

1. Report | of the | commissioners of fisheries | of the | State of California | for | the years 1870 and 1871. | [Seal.] | Sacramento: | T. A. Springer, State printer. | 1872. [8vo, col. title, 24 pp.]
2. Report | of the | commissioners of fisheries | of the | State of California | for | the years 1872 and 1873. | — | San Francisco: | Francis & Valentine, printers and engravers, 517 Clay street. | 1874. [8vo, 28 pp.]

CONNECTICUT.

1. Report | of the | commissioners | concerning the protection of fish | in the | Connecticut River, &c., | to the | general assembly, | May session, 1867. | — | Printed by order of the legislature. | — | Hartford: | Case, Lockwood and Company, printers. | 1867. [8vo, 25 (+1) pp., 1 pl.]
2. Report | of the | commissioners on fisheries, | to the | general assembly, | May session, 1868. | New Haven: | Thomas J. Stafford, State printer. | 1868. [8vo, 28 pp.]
3. Report | of the | commissioners of fisheries | to the | general assembly, | May session, 1869. | — | Middletown: | A. Newton & Son, printers. | 1869. [8vo, 18 pp.]
4. Fourth report | of the | commissioners of fisheries | of the | State of Connecticut, | 1870. | Hartford: | Case, Lockwood & Brainard, printers. | 1870. [8vo, 37 pp.]
5. Fifth report | of the | commissioners of fisheries | of the | State of Connecticut, | 1871. | — | Hartford: | Case, Lockwood & Brainard, printers. | 1871. [8vo, 46 pp.]
6. Sixth report | of the | commissioners of fisheries | of the | State of Connecticut. | 1872. | — | Hartford: press of Case, Lockwood & Brainard. | 1872. [8vo, 36 pp.]
7. Seventh report | of the | commissioners of fisheries | of the | State of Connecticut. | 1873. | — | Hartford, Conn.: | press of Case, Lockwood & Brainard. | 1873. [8vo, 48 pp.]
8. Eighth Report | of the | commissioners of fisheries | of the | State of Connecticut, | 1874. | — | Hartford: | press of the Case, Lockwood & Brainard Co. | 1874. [8vo, 36 pp.]

MAINE.

- 1-2. Reports | of the | commissioners of fisheries | of the | State of Maine | for the years | 1867 and 1868. | — | Augusta: | Owen & Nash, printers to the State. | 1869. [8vo, 96 pp., 2 pl.; 43 pp., 1 l.]

CONTENTS.

First report—1867. [Part 1, pp. 3-96; part 2, pp. 41-43 (index).]

Second report—1868. [Part 2, pp. 1-39, 45.]

3. Third report | of the | commissioner of fisheries | of the | State of Maine, | 1869. | — | Augusta: | Sprague, Owen & Nash, printers to the State. | 1870. | [8vo, 48 pp., 1 pl.]

NOTE.—The plate illustrates the black bass (*Micropterus salmoides*).

4. Fourth report | of the | commissioner of fisheries | of the | State of Maine | for the year | 1870. | — | Augusta: | Sprague, Owen & Nash, printers to the State. | 1870. [8vo, 56 pp., 2 pl. (1 folded).]

NOTE.—The plates are diagrams of fish-ways for salmon.

5. Fifth report | of the | commissioner of fisheries | of the | State of Maine | for the year | 1871. | — | Augusta: | Sprague, Owen & Nash, printers to the State. | 1872. [8vo, 30 pp., 1 l., 1 pl.]

NOTE.—The plate represents the embryology of the salmon.

6. Sixth Report | of the | commissioners of fisheries | of the | State of Maine, | for the year | 1872. | Augusta: | Sprague, Owen & Nash, printers to the State. | 1873. [8vo, 16 pp.]
7. Seventh report | of the | commissioners of fisheries | of the | State of Maine, | for the year | 1873. | Augusta: | Sprague, Owen & Nash, printers to the State. | 1874. [8vo, 39 pp.]

NOTE.—A plate representing the sexual organs of the American lobster, drawn by Sidney I. Smith, was loosely inserted in the later issues of this report.

MARYLAND.*

No report on true fishes published yet.

MASSACHUSETTS.

- [Senate..No. 193.] Report of commissioners | appointed | under resolve of 1856, chap. 58, | concerning the | artificial propagation of fish, | with | other documents. | — | Boston: | William White, printer to the State. | 1857. [8vo, 1 col. title-page, 54 pp.]

NOTE.—Contains (pp. 19-54) a translation of the article on pisciculture by Jules Haime from the "Revue des deux mondes," June, 1854.

- Senate..No. 8. | = | Commonwealth of Massachusetts. [The report of commissioners, appointed May 3, 1865, "concerning the obstructions to the passage of fish in the Connecticut and Merrimack Rivers." Boston, 1866. 8vo, 77 pp., 1 pl. folded.]

NOTE.—Without title-page; the title given under the unbracketed caption being repeated from the governor's message transmitting and prefatory to the report.

1. House..No. 3 | = | Commonwealth of Massachusetts. | — | Report | of the | commissioners of fisheries. | — | Boston: | Wright & Potter, State printers 1867. [8vo, 7 pp., 1 pl.]

NOTE.—The first report of the commissioners of fisheries appointed under chapter 238 of the acts of 1866; without separate title page.

2. House..No. 60. | = | Report | of the | commissioners of fisheries, | for the year ending | January 1, 1868. | — | Boston: |

*The following special reports on the oyster-fisheries are noteworthy:

1. Report | upon the | oyster resources | of Maryland | to the | general assembly, | by | Hunter Davidson, esq., | com. State oyster police force. | — | Annapolis: | Wm. Thompson & R., printer. | — | 1870. [8vo, 20 pp.]
2. Report | on the | oyster fisheries: | Potomac River shad and herring fisheries, | and the water fowl of | Maryland | to his excellency the governor, | and other | commissioners of the State O. P. force, | January, 1872. | — | Annapolis: | S. S. Mills, L. F. Colton & Co., printers. | 1872. [8vo, 43 pp.]
3. Report | of the | commander | of the | oyster fisheries and water fowl | of | Maryland, | to his excellency the governor, | and the | commissioners of the State O. P. force. | January 1st, 1874. | — | Annapolis: | Wm. T. Iglehart & Company, | printers to the senate. | — | 1873. [8vo, 11 pp.]

NOTE.—On cover, dated 1874.

4. The | oyster law of Maryland. | January session, 1874. | An act to repeal article seventy-one of the code of | public general laws, title | "Oysters," | as amended and re-enacted by chapter three hundred and sixty-four, of the acts passed at January session, eighteen hundred and seventy, | and also chapter one hundred and sixty-seven of the acts passed at the January session, eighteen hundred and | seventy-two. | — | Annapolis: | S. Sands Mills & L. F. Colton, | printers to the house of delegates. | 1874. [8vo, 13 pp.]

Wright & Potter, State printers, | No. 4 Spring Lane. | 1868.
[8vo, 50 pp., 3 pl.]

NOTE.—With pl. i representing “embryo American shad (*Alosa præstabilis*)”
in 7 fig., and pl. ii representing hatching-apparatus, etc.

3. Senate..No. 3. | = | Report | of the | commissioners of fisheries,
| for the year ending | January 1, 1869. | — | Boston: | Wright &
Potter, State printers, No. 79 Milk street, | (corner of Federal
street.) | 1869. [8vo, 71 pp.]
4. Senate..No. 12. | = | Report | of the | commissioners of fisheries,
| for the year ending | January 1, 1870. | — | Boston: | Wright &
Potter, State printers, | 79 Milk street, (corner of Federal.) | 1870.
[8vo, 67 pp., 1 pl. representing embryos and newly-hatched of
Salmo (fig. 1, 2, 5, 8, 10), *Alosa* (3), *Perca* (4), *Osmerus* (6, 7), and
fungus of eggs.]
5. Senate..No. 11. | = | Fifth annual report | of the | commission-
ers | on | inland fisheries. | — | January, 1871. | — | Boston: |
Wright & Potter, State printers, | 79 Milk street (corner of Fed-
eral). | 1871. [8vo, 77 pp.]
6. Senate..No. 3. | = | Sixth annual report | of the | commissioners
| on | inland fisheries, | for the year ending January 1, 1872. | — |
Boston: | Wright & Potter, State printers, 79 Milk street (cor-
ner of Federal). | 1872. [8vo, 78 pp., 2 pl., 1 folded table, + (ap-
pendix) 1 p. l., 270 pp.]
7. Senate..No. 8. | = | Seventh annual report | of the | commission-
ers | on | inland fisheries, | for the | year ending January 1,
1873. | — | Boston: | Wright & Potter, State printers, 19 Pro-
vince street. | 1873. [8vo, 35 pp, 3 pl. folded.]

MICHIGAN.

Pisciculture, or fish-farming. | An address | before the | legislature
of Michigan | on the | artificial propagation of fish, | and the |
restocking of the public waters | of the State. | Delivered at Lans-
ing, February 28, 1871, | by Hon. N. W. Clark, | of Clarkston,
Mich. | Detroit: | Tribune Book and Job Office. | 1871. [8vo, 23
pp.]

Propagation of fish: | an address to the legislature, | by N. W. Clark.

NEW HAMPSHIRE.

1. Report | of the | commissioners on fisheries, | made to the | legis-
lature of New Hampshire, | June session, 1866. | Concord: |
George E. Jenks, State printer. | 1866. [8vo, 16 pp.]

NOTE.—The second report was not published separately.

3. Report | of | the commissioners | on | inland or river fisheries, |
June session, 1868. | Manchester: | John B. Clarke, State
printer, | 1868. [8vo, 8 pp.]
4. Report | of | the fish-commissioners | to the | legislature, June ses-
sion, 1869. | Manchester: | John B. Clarke, State printer. | 1869.
[8vo, 10 pp.]

5. Report | of the | commissioners on fisheries | of the | State of New Hampshire, | June session, 1870. | Manchester : | John B. Clarke, State printer. | 1870. [8vo, 15 pp.]
6. Report | of the | commissioners on fisheries | of the | State of New Hampshire, | June session, 1871. | Nashua : | Orren C. Moore, State printer. | 1871. [8vo, 11 pp.]
7. Report | of the | commissioners on fisheries | of the | State of New Hampshire, | June session, 1872. | — | Manchester: | James M. Campbell, State printer. | 1872. [8vo, 15 pp.]
8. Report | of the | commissioners on fisheries | of the | State of New Hampshire, | June session, 1873. | Nashua: | Orren C. Moore, State printer, | 1873. [8vo, 13 pp.]

NEW JERSEY.

1. First annual report | of the | commissioners of fisheries | of the | State of New Jersey. | 1871. | — | Trenton, N. J. : | Murphy & Bechtel, book and job printers—State Gazette Office. | 1871. [8vo, 25 pp., 4 maps (2 folded).]

NOTE.—The maps represent the Delaware River at Scudder's Falls, etc.

2. Second annual report | of the | commissioners of fisheries | of the | State of New Jersey. | 1872. | — | Trenton, N. J. | Printed at the Gazette Office. | 1872. [8vo, 22 pp.]
3. Third annual report | of the | commissioners of fisheries | of the | State of New Jersey | for the year 1872. | — | Trenton, N. J. : | the State Gazette Office—Murphy & Bechtel, book and job printers. | 1872. [8vo, 28 pp.]
4. Fourth annual report | of the | commissioners of fisheries | of the | State of New Jersey for the year 1873. | — | Trenton, | N. J. | the State Gazette. | — | Murphy & Bechtel, book and job printers. | — | 1873. [8vo, 32 pp., appendixes.]

NEW YORK.

1. Fisheries of the State of New York. | — | Report | of the | commissioners of fisheries | of the | State of New York, | giving the number, names, location, and areas of all | the lakes within the State of New York, the | coast-lines of lakes Ontario and Erie, | and that portion of the State | bordering on the ocean, | with a map, | showing the lakes, streams in the State, | railroad and canal lines. | — | Transmitted to the legislature March 9, 1869. | — | Albany: | Weed, Parsons & Co., printers and publishers. | 1869. [8vo, 75 pp., 1 folded map.]
2. Report | of the | commissioners of fisheries | of the | State of New York. | — | Transmitted to the legislature March 11th, 1870. | — | Albany: | The Argus Company, printers. | 1870. [8vo, 20 pp.]
3. Report | of the | commissioner of fisheries | of the | State of New

York. | — | Transmitted to the legislature February 28, 1871.
| — | Albany: | The Argus Company, printers. | 1871. [8vo,
32 pp.]

4. Fourth annual report | of the | commissioners of fisheries | of the | State of New York. | — | Transmitted to the legislature March 19, 1872. | — | Albany: | The Argus Company, printers. | 1872. [8vo, 34 pp.]
5. Report | of the | commissioners of fisheries | of the | State of New York. | — | Transmitted to the legislature February 12, 1873. | — | Albany: | The Argus Company, printers. | 1873. [8vo, 32 pp.]
6. Report | of the | commissioners of fisheries | of the | State of New York. | Transmitted to the legislature February 5, 1874. | Albany: | Weed, Parsons and Company, printers: | 1874. [8vo, 39 (+ 2) pp., 8 pl.]

NOTE.—The plates represent the New York State hatching-house, etc.

OHIO.

Report | of the | commissioners of fisheries | of the | State of Ohio, | for the year ending December, 1873. | — | Columbus: | Nevins & Myers, State printers. | 1874. [8vo, 40 pp. (with 5 cuts).]

NOTE.—The first report.

An essay | on | fish-culture. | By John H. Klippart. | — | Read before the Ohio State agricultural convention, 1873. | — | Columbus: | Nevins & Myers, book-printers. | 1873. [8vo, 20 pp., 1 cut.]

PENNSYLVANIA.

1. Commonwealth of Pennsylvania. | — | Report | of the | commissioner for the restoration | of the | Inland Fisheries, | for the year 1870. | — | Harrisburg: | B. Singerly, State printer, | 1871. [8vo, 48 pp.]

NOTE.—Reprinted, with separate pagination, from the "Miscellaneous documents read in the legislature of the commonwealth of Pennsylvania," [etc.,] session of 1871, pp. 979-996.

2. Report of the commissioner for the restoration of the Inland | Fisheries for the year 1871. | < Miscellaneous documents read in the | Legislature of the | commonwealth of Pennsylvania | during the session which commenced at Harrisburg January 21, 1874. | Harrisburg: B. Singerly, State printer. | 1872. [8vo, pp. 259-274.]

NOTE.—The plates are diagrams of fish-ladders; the first being identical with the first in the fourth New Hampshire report, 1870.

3. Commonwealth of Pennsylvania. | — | Report | of the | commissioner for the restoration | of the | Inland Fisheries, | for the year 1871; | including his | special report to the senate | on the | subject of fish-ladders. | — | Harrisburg: | B. Singerly, State printer. | 1872. [8vo, 24 pp., 2 pl. (1 folded).]

4. Commonwealth of Pennsylvania. | — | Report | of the | State commissioners | of | fisheries, | for the year 1873. | — | Harrisburg: | Benjamin Singerly, State printer. | 1874. [8vo, 30 pp., 1 pl.]

RHODE ISLAND.*

- 1? State of Rhode Island, &c. | = | Report | of the | commissioners to investigate the practicability of re-stocking | the waters of the State with salmon and other migratory fish. [1869. 8vo, 16 pp.]

NOTE.—Without title-page.

2. Report | of the | commissioners of internal fisheries, | presented February, 1872. | — | Appointed by the governor in accordance with chap. 920, sec. 1st, "An act in | amendment of chap. 848 of the public laws," entitled "An act for the encouraging and regulating inland fisheries," passed March 21st, 1871. | — | Providence: | A. Crawford Greene, printer to the State. | 1872. [8vo, 16 pp.]
3. State of Rhode Island, &c. | = | Third annual report | of the—commissioners of inland fisheries, | made to the | general assembly | at its | January session, A. D. 1873. | — | Providence: | Providence Press Company, printers to the State. | 1873. [8vo, 8 pp. + (appendix) 1 l. (= pp. 11-12).]
4. State of Rhode Island, &c. | = | Fourth annual report | of the | commissioners on inland fisheries, | made to the | general assembly at its January session, | A. D. 1874. | — | Providence: | Providence Press Company, printers to the State. | 1874. [8vo, 10 pp.]

* On account of the special interest of and information contained therein, the following documents are noteworthy:

State of Rhode Island, &c. | — | Majority report | of the | committee on fisheries. | January session, A. D. 1870. [8vo, 6 pp.]

NOTE.—Recommendation of act prohibiting (conditionally) trapping fish, signed by Jabez W. Mowbray, Thomas G. Carr, Ezra J. Cady, Henry T. Grant, committee.

State of Rhode Island, &c. | Minority report | of the | committee on fisheries. | January session, A. D. 1870. [8vo, 3 pp.]

NOTE.—Signed by John G. Childs, one of the committee.

Acts and resolves | passed at the | January session | of the | general assembly | of the | State of Rhode Island | and Providence Plantations | 1870. | 0 | Providence: | Providence Press Company, State printers. | 1870. [8vo, xii, 245 pp.]

Report | of the | joint special committee | of the | general assembly of Rhode Island, | appointed to examine into the | fisheries of Narragansett Bay. | — | May session, A. D. 1870. | — | Pawtucket: | Nickerson & Sibley, book and job printers. | 1870. [8vo, 158 pp., 1 l.]

Majority report | of the | committee on fisheries. | January session, A. D. 1870. [8vo, 6 pp., + minority report, 3 pp.]

Views | in relation to | protecting fish | in the | tide-waters of the State. [1871. 8vo, 12 pp.]

NOTE.—Without title-page.

(N. B.—Laid before the assembly, May, 1871.)

[Minority report to the senate of the committee on fisheries. By Albert Coggeshall. March, 1872. 8vo, 4 pp.]

UTAH.

Report | of | Deseret Agricultural | and | Manufacturing Society, |
for the years | 1872-3. | David O. Calder, public printer, Salt Lake
City, Utah. | 1874. [8vo., 1 col. title, 7 pp.]

NOTE.—Contains (pp. 5-7) a report to the "Hons. Wilford Woodruff, George
Q. Cannon, and A. M. Muser, directors of Zion's Co-operative Fish-Asso-
ciation," by A. P. Rockwood, superintendent, on "the progress in the
piscatorial department during the year ending December 31st, 1873."

VERMONT.

Report | made under authority | of the | legislature of Vermont,
on the | artificial propagation of fish, | by | George P. Marsh,
| — | Burlington: | Free Press print. | 1857. [8vo, 52 pp. + (ap-
pendix) = 62 pp., 1 l.]

1. Report of commissioners | relative to the | restoration of sea-fish
| to the | Connecticut River and its tributaries. | — | By order
of the legislature of Vermont. | — | Annual session, 1866. | — |
Montpelier: | Freeman steam printing establishment. | 1866.
[8vo, 35 pp.]

NOTE.—First report.

2. Report | of the | fish commissioners | of the | State of Vermont. |
By | Albert D. Hager and Charles Barrett. | For the year 1867.
| — | Montpelier: | Walton's steam printing establishment. |
1867. [8vo, 25 pp.]

NOTE.—Second report.

3. Report | of the | fish commissioners | of the | State of Vermont. |
By | Albert D. Hager and Charles Barrett. | For the year 1869.
| — | Montpelier: | Poland steam printing establishment, | Jour-
nal building, State street. | 1869. [8vo, 16 pp.]

NOTE.—Third report; none made in 1868.

4. Report | of the | fish commissioners | of the | State of Vermont |
by | M. C. Edmunds and M. Goldsmith, | for the years 1871-2.
| — | Montpelier: | J. & J. M. Poland's steam printing establish-
ment. | 1872. [8vo, 20 pp.]

NOTE.—Fourth report; none made for 1870.

An address | on | fish culture. | Delivered before the | legislature
of Vermont, | on Tuesday evening, November 12th, 1872. | — By
— | Middleton Goldsmith, M. D. | — | Rutland: | Tuttle & Co.,
printers. | 1872. [8vo, iv, 16 pp.]

VIRGINIA.*

* The following report is noteworthy:

Report | to the | auditor of public accounts | on the | oyster beds | of | Vir-
ginia; | by | Orris A. Browne, | inspector for 3d district of Virginia. |
— | Richmond: | Shepperson & Graves, printers. | 1872. [8vo, col. title,
21 pp.]