2.—A LIST OF THE PUBLISHED REPORTS OF THE COMMISSIONERS APPOINTED BY AUTHORITY OF THE VARIOUS STATES OF THE UNITED STATES.

# By CHAS. W. SMILEY.

[Prepared by request of Prof. S. F. Baird, for the London Exhibition, 1883.]

The library of the United States Fish Commission contains a very complete set of the reports that have been made by the commissioners of the various States to their legislatures. They perhaps constitute, next to the publications of the United States Fish Commission, the most valuable contribution to the history of pisciculture in this country.

This list is arranged chronologically, or as nearly so as possible. In many cases, however, no exact date was given to the publications. This bibliography is believed to be complete from 1857 to 1883. In addition to the numbers to denote chronological sequence, a number has been placed in brackets after the name of each State to denote the sequence of the State reports.

This chronological list will be followed by a check-list arranged by States.

#### 1857.

1. Massachusetts. [1.] (May 5, 1857.)—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, pp. 54.

2. Vermont. [1.] (Oct. 22, 1857.)—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, pp. 62.

# 1865.

8. New Hampshire. [1.] (July 1, 1865.)—Report of the Select Committee on Fisheries. June session, 1865. Concord: George E. Jenks, State printer. 1865. 8vo, pp. 8.

4. Massachusetts. [2.] (Dec. 1, 1865.)—Report of the Commissioners appointed under the resolve of May 3, 1865, "Concerning the obstructions to the passage of fish in the Connecticut and Merrimac Rivers." 8vo, pp. 77, pl. 2.

#### 1866.

5. New Hampshire. [2.] (June 1, 1866.)—Report of the Commissioners of Fisheries, made to the Legislature of New Hampshire, June session, 1866. Concord: George E. Jenks, State printer. 1866. 8vo, pp. 16.

6. Vermont. [2.] (Oct. 11, 1866.)—Report of Commissioners relative to the Restoration of Sea-Fish to the Connecticut River and sit tributaries. By order of the Legislature of Vermont. Annual session, 1866. Montpelier: Freeman Steam Printing Establishment. 1866. 8vo, pp. 35, 1 cut.

#### 1867.

- 7. Connecticut. [1.] (May, 1867.)—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 & Co., printers. 1867. 8vo, pp. 25, pl. 1.
- 8. New Hampshire. [3.] (July 5, 1867.)—Report of the Commissioners on Fisheries of the State of New Hampshire, June session, 1867. (A written copy of the report.)
- 9. Vermont. [3.] (Oct. 25, 1867.)—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, pp. 25. (There was no report in 1868.)

1868.

- 10. Maine. [1.] (Jan. 16, 1868.)—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.
  - First report—1867. 8vo, pp. 96, pl. 2. (River Fish-Weirs and Fishway.)
- 11. Massachusetts. [3.] (Jan., 1868.)—Report of the Commissioners of Fisheries, for the year ending January 1, 1868. Boston: Wright & Potter, State printers, No. 4 Spring Lane. 1868. 8vo, pp. 50, pl. 3.
- 12. Connecticut. [2.] (May, 1868.)—Report of the Commissioners on Fisheries to the general assembly, May session, 1868. New Haven: Thomas J. Stafford, State printer. 1868. 8vo, pp. 28.
- 13. New Hampshire. [4.] (June 18, 1868.)—Report of the Commissioners on Inland or River Fisheries, June session, 1868. Manchester: John B. Clarke, State printer. 8vo, pp. 8.
- 14. Maine. [2.] (Dec. 31, 1868.)—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.
  - Second report—1868. 8vo, pp. 45. 1 pl. of Grystes fasciatus.

### 1869.

15. Massachusetts. [4.] (Jan., 1869.)—Report of the Commissioner of Fisheries, for the year ending January 1, 1869. Boston: Wright & Potter, State printers, No. 79 Milk street (corner of Federal street). 1869. 8vo, pp. 71.

- 16. Rhode Island. [1.] (Feb. 15, 1869.)—Report of the Commissioners to investigate the practicability of restocking the waters of the State with salmon and other migratory fish. 8vo, pp. 9. Appendix, pp. 27. Containing an article from Harper's Magazine, with 26 cuts.
- 17. New York. [1.] (Mar. 9, 1869.)—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, pp. 75, 1 map.

18. Connecticut. [3.] (May, 1869.)—Report of the Commissioners of Fisheries to the general assembly, May session, 1869. Middletown: A. Newton & Son, printers. 1869. 8vo, pp. 18.

19. New Hampshire. [5.] (June 21, 1869.)—Report of the Fish Commissioners to the legislature, June session, 1869. Manchester: John B. Clarke, State printer. 1869. 8vo, pp. 10.

20. Vermont. [4.] (Oct. 25, 1869.)—Report of the Fish Commissioners of the State of Vermont, by Albert D. Hager and Charles Barrett, for the year 1869. Montpelier: Poland's Steam Printing Establishment, Journal Building, State street. 1869. 8vo, pp. 16. (There was no report in 1868.)

21. Maryland. [1.] (Oct., 1869.)—Report upon the Oyster Resources of Maryland to the general assembly, by Hunter Davidson, esq., Com. State Oyster Police Force. Annapolis: Wm. Thomp-

son of R., printer. 1870. 8vo, pp. 20.

22. South Carolina. [1.] (Nov. 10, 1869.)—Proceedings of the Annual Convention of the South Carolina Agricultural and Mechanical Society, held in Columbia, S. C., Nov. 10-12, 1869. Charleston, S. C.: Walker, Evans & Coggswell, printers, Nos. 3 Broad and 109 East Bay street. 1869. 8vo., pp. 21-26 and 45-47.

23. Maine. [3.] (Dec. 31, 1869.)—Third Report of the Commissioner or Fisheries of the State of Maine, 1869. Augusta: Sprague, Owen & Nash, printers to the State. 1870. 8vo, pp. 48.

# 1870.

21. Rhode Island. [2.] (January, 1870.)—A—Majority report of the Committee on Fisheries, Jan. session, A. D. 1870. Svo, pp. 6. B—Minority report of the Committee on Fisheries. January session, A. D. 1870. Svo, pp. 3.

25 Massachusetts. [5.] (Jan., 1870.)—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, pp. 67, pl. 1.

- 26. New York. [2.] (Mar. 11, 1870.)—Report of the Commissioners of Fisheries of the State of New York. Transmitted to the legislature March 11, 1870. Albany: The Argus Company, printers. 1870. 8vo, pp. 20.
- 27. Connecticut. [4.] (May 7, 1870.)—Fourth Report of the Commissioners of Fisheries of the State of Connecticut, 1870. Hartford: Case, Lockwood & Brainard, printers. 1870. 8vo, pp. 37.
- 28. New Hampshire. [6.] (June 10, 1870.)—Report of the Commissioners on Fisheries of the State of New Hampshire, June session, 1870. Manchester: John B. Clarke, State printer. 1870. 8vo, pp. 15.
- 29. Rhode Island. [3.] (June 15, 1870.)—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, pp. 159.
- 30. Alabama. [1.] (Dec. 13, 1870.)—Report on Pisciculture and Memorial of the East Alabama Agricultural Society. John S. Logan, job printer, Opelika, Ala. 8vo, pp. 4.
- 31. Maine. [4.] (Dec. 31, 1870.)—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, pp. 56, pl. 2.
- 32. New Jersey. [1.] (Dec., 1870?)—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, pp. 25, pl. 2, 1 map.

- 33. Pennsylvania. [1.] (Jan. 23, 1871.)—Commonwealth of Pennsylvania. Report of the Commissioner for the Restoration of the Inland Fisheries, for the year 1870. Harrisburg: B. Singerley, State printer. 1871. 8vo, pp. 48.
- 34. Rhode Island. [4.] (Jan. 25, 1871.)—Report of the Commissioners of Inland Fisheries. (Appendix [to] Public Document No. 5.) 8vo, pp. 4.
- 35. Massachusetts. [6.] (Jan., 1871.)—Fifth Annual Report of the Commissioners on Inland Fisheries, January, 1871. Boston: Wright & Potter, State printers, 79 Milk street (corner of Federal), 1871. 8vo, pp. 77.
- 36. New York. [3.] (Feb. 1, 1871.)—Report of the Commissioners of Fisheries of the State of New York. Transmitted to the legislature February 28, 1871. Albany: The Argus Company, printers. 1871. 8vo, pp. 32.

- 37. Connecticut. [5.] (May 12, 1871.)—Fifth Report of the Commissioners of Fisheries of the State of Connecticut, 1871. Hartford: Case, Lockwood & Brainard, printers. 1871. 8vo, pp. 46, pl. 2.
- 38. New Hampshire. [7.] (May 29, 1871.)—Report of the Commissioners on Fisheries of the State of New Hampshire, June session, 1871. Nashua: Orren C. Moore, State printer. 1871. Svo, pp. 11.
- 39. Virginia. [1.] (Oct. 1, 1871.)—Report to the Auditor of Public Accounts on the Oyster Beds of Virginia, by Orris A. Browne, Inspector for third district of Virginia. Richmond: Shepperson & Graves, printers. 1872. 8vo, pp. 21, including appendices.
- 40. Maine. [5.] (Dec. 31, 1871.)—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, pp. 31, pl. 1.
- 41. California. [1.] (Dec. 31, 1871?)—Report of the Commissioners of Fisheries of the State of California, for the years 1870 and 1871. 8vo, pp. 24.
- 42. New Jersey. [2.] (Dec., 1871?)—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, pp. 22.

- 48. Maryland. [2.] (Jan. 1, 1872.)—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, pp. 48.
- 44. Pennsylvania. [2.] (Jan. 16, 1872.)—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. Singerley, State printer. 1872. 8vo, pp. 24, pl. 2.
- 45. Alabama. [2.] (Jan. 26, 1872.)—Report of the Commissioners to encourage Fish Culture, submitted to the Governor of Alabama, January 26, 1872. Senate, 1,000 copies. Montgomery, Ala.: W. W. Screws, State printer. 1872. 8vo, pp. 7.
- 46. Massachusetts. [7.] (Jan., 1872.)—Sixth Annual Report of the Commissioners on Inland Fisheries, for the year ending January 1, 1872. Boston: Wright & Potter, State printers, 79 Milk street (corner of Federal). 1872. 8vo, pp. 78, and Appendix, pp. 270, pl. 2.

- 47. Rhode Island. [5.] (Feb. 23, 1872.)—Report of the Commissioners of Internal Fisheries, presented February, 1872. Appointed by the governor in accordance with chap. 920, sec. 1, "An act in amendment of Chap. 848, of the public laws," entitled "An act for the encouraging and regulating inland fisheries," passed March 21, 1871. Providence: A. Crawford Greene, printer to the State. 1872. 8vo, pp. 16.
- 48. New York. [4.] (March 19, 1872?)—Fourth Annual Report of the Commissioner of Fisheries of the State of New York. Transmitted to the legislature March 19, 1872. Albany: The Argus Company, printers. 1872. 8vo, pp. 34.
- 49. Connecticut. [6.] (April 26, 1872.)—Sixth Report of the Commissioners of Fisheries of the State of Connecticut, 1872. Hartford: Press of Case, Lockwood & Brainard. 1872. 8vo, pp. 36.
- 50. New Hampshire. [8.] (May 27, 1872.)—Report of the Commissioners on Fisheries of the State of New Hampshire, June session, 1872. Manchester: James M. Campbell, State printer. 1872. 8vo, pp. 15.
- 51. Vermont. [5.] (Oct. 29, 1872.)—Report of the Fish Commissioners of the State of Vermont, by M. C. Edmunds and M. Goldsmith, for the years 1871-72. Montpelier: J. & J. M. Poland's Steam Printing Establishment. 1872. 8vo, pp. 20. (No report in 1870.)
- 52. Maine. [6.] (Dec. 31, 1872?)—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, pp. 16.
- 53. New Jersey. [3.] (Dec., 1872?)—Third Annual Report of the Commissioners of Fisheries of the State of New Jersey, for the year 1872. Trenton, N. J.: The State Gazette, Murphy & Bechtel, book and job printers. 1872. 8vo, pp. 28.

- 54. Massachusetts. [8.] (Jan., 1873.)—Seventh Annual Report of the Commissioners on Inland Fisheries, for the year ending January 1, 1873. Boston: Wright & Potter, State printers, 19 Province street. 1873. 8vo., pp. 35, pl. 3.
- 55. New York. [5.] (Jan., 1873.)—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, pp. 32.
- 56. Rhode Island. [6.] (Feb. 24, 1873.)—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, pp. 10.

- 57. Connecticut. [7.] (May 1, 1873.)—Seventh Report of the Commissioners of Fisheries of the State of Connecticut, 1873. Hartford, Conn.: Press of Case, Lockwood & Brainard. 1873. 8vo, pp. 48.
- 58. New Hampshire. [9.] (May 30, 1873.)—Report of the Commissioners on Fisheries of the State of New Hampshire, June session, 1873. Nashua: Orren C. Moore, State printer. 1873. 8vo, pp. 13.
- 59. Massachusetts. [9.] (Dec. 1, 1873.)—Eighth Annual Report of the Commissioners on Inland Fisheries, for the year ending January 1, 1874. Boston: Wright & Potter, State printers, corner Milk and Federal streets. 1874. 8vo, pp. 63, pl. 1.
- 60. Maine. [7.] (Dec. 31, 1873.)—Seventh Report of the Commissioners of Fisheries of the State of Maine, for the year 1873. Augusta: Sprague, Owen & Nash, printers to the State. 1873. 8vo, pp. 39.
- 61. California. [2.] (Dec. 31, 1873?)—Report of the Commissioners of Fisheries of the State of California, for the years 1872 and 1873. 8vo, pp. 18.
- 62. California. [3.] (Dec. 31, 1873?)—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, pp. 28. (Reprint.)
- 63. Pennsylvania. [3.] (Dec. 31, 1873?)—Commonwealth of Pennsylvania. Report of the State Commissioners of Fisheries, for the year 1873. Harrisburg: Benjamin Singerley, State printer. 1874. 8vo, pp. 32, 1 map.
- 64. New Jersey. [4.] (Dec., 1873?)—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, pp. 32, pl. 1.

- 65. Maryland. [3.] (Jan. 1, 1874.)—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 1, 1874. Annapolis: William T. Iglehart & Co., printers to the State. 1874. 8vo, pp. 11.
- 66. Utah. [1.] (Jan. 1, 1874.)—Report of Deseret Agricultural and Manufacturing Society, for the years 1872-73. David O. Calder, public printer, Salt Lake City, Utah. 8vo, pp. 5-7.
- 67. New York. [6.] (Jan., 1874.)—Report of the Commissioners of Fisheries of the State of New York. Transmitted to the legislature February 5, 1874. Albany: Weed, Parsons & Co., printers. 1874. 8vo, pp. 41, pl. 8, 1 cut.

- 68. Rhode Island. [7.] (Feb. 19, 1874.)—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, pp. 10.
- 69. Ohio. [1.] (Feb. 23, 1874.)—Report of the Commissioners of Fisheries of the State of Ohio, for the year ending December, 1873. Columbus: Nevins & Myers, State printers. 1874. 8vo, pp. 40, 5 cuts. (Grystes nigricans, G. megastoma, Labrax multilineatus, Centrarchus hexacanthus.)
- 70. Connecticut. [8.] (April 30, 1874.)—Eighth Report of the Commissioners of Fisheries of the State of Connecticut, 1874. Hartford: Press of the Case, Lockwood & Brainard Company, 1874. Svo, pp. 36.
- 71. New Hampshire. [10.] (May 20, 1874.)—Report of the Commissioners on Fisheries of the State of New Hampshire, June session, 1874. Concord: Edward A. Jenks, State printer. 1874. 8vo, pp. 15.
- 72. Vermont. [6.] (Oct. 27, 1874.)—Report of the Fish Commissioners of the State of Vermont, by M. C. Edmunds and M. Goldsmith, for the years 1873–74. Rutland: Tuttle & Co., printers. 1874. 8vo, pp. 80, 2 cuts.
- 73. New Jersey. [5.] (Nov. 14, 1874?)—Fifth Annual Report of the Commissioners of Fisheries of the State of New Jersey, for the year 1874. Trenton, N. J.: Public Opinion—W. S. Sharp, book and job printer, 86 and 88 Warren street. 1874. 8vo, pp. 62.
- 74. Maine. [8.] (Nov. 30, 1874.)—Eighth Report of the Commissioners of Fisheries of the State of Maine, for the year 1874. Augusta: Sprague, Owen & Nash, printers to the State. 1874. 8vo, pp. 32.
- 75. Massachusetts. [10.] (Dec. 1, 1874.)—Ninth Annual Report of the Commissioners on Inland Fisheries, for the year ending January 1, 1875. Boston: Wright & Potter, State printers, 79 Milk street (corner of Federal). 1875. 8vo, pp. 57.
- 76. Michigan. [1.] (Dec. 1, 1874.)—First Report of the State Commissioners and Superintendent, on State Fisheries, for 1873-774, ending December 1, 1874. By authority. Lansing: W. S. George & Co., State printers and binders. 1875. 8vo, pp. 67.
- 77. Wisconsin. [1.] (Dec., 1874.)—First Annual Report of the Fish Commissioners of the State of Wisconsin, to his excellency Governor William R. Taylor. Madison, Wis.: E. B. Bolens, State printer. 1875. 8vo, pp. 8.

- 78. Rhode Island. [8.] (Jan. 30, 1875.)—Fifth Annual Report of the Commissioners on Inland Fisheries, made to the general assembly at its January session, A. D. 1875. Providence: Providence Press Company, printers to the State. 1875. 8vo, pp. 20.
- 79. New York. [7.] (Jan., 1875.)—Seventh Annual Report of the Commissioners of Fisheries of the State of New York. Transmitted to the legislature February 1, 1875. Albany: Weed, Parsons & Co., printers. 1875. 8vo, pp. 60, pl. 15, diag. 1.
- 80. Minnesota. [1.] (Feb. 20, 1875.)—First Annual Report of the State Fish Commissioners of Minnesota. Printed by order of the legislature. Saint Paul: 1875. 8vo, pp. 30.
- 81. New Hampshire. [11.] (Feb. 20, 1875.)—Report of the Commissioners on Fisheries of the State of New Hampshire. June session, 1875. Concord: Charles C. Pearson, State printer, 1875. 8vo, pp. 16.
- 82. Connecticut. [9.] (May 1, 1875.)—Ninth Report of the Commissioners on Fisheries of the State of Connecticut, 1875. Hartford: Press of the Case, Lockwood & Brainard Company. 1875. 8vo, pp. 32.
- 83. Iowa. [1.] (Oct. 27, 1875?)—First Report of the State Fish Commissioners of Iowa, for the years 1874 and 1875. Des Moines: R. P. Clarkson, State printer. 1876. 8vo, pp. 40.
- 84. New Jersey. [6.] (Nov. 14, 1875?)—Sixth Annual Report of the Commissioners of Fisheries of the State of New Jersey, for the year 1875. Trenton, N. J.: Public Opinion—William S. Sharp, steam power book and job printer. 1875. 8vo, pp. 35.
- 85. Maine. [9.] (Dec. 9, 1875?)—Ninth Report of the Commissioners of Fisheries of the State of Maine, for the year 1875. Augusta: Sprague, Owen & Nash, printers to the State, 1875. 8vo, pp. 40.
- 86. Massachusetts. [11.] (Dec. 15, 1875?)—Tenth Annual Report of the Commissioners on Inland Fisheries, for the year ending January 1, 1875. Boston: Wright & Potter, State printers, 79 Milk street (corner of Federal), 1876. 8vo, pp. 72.
- 87. California. [4.] (Dec. 31, 1875?)—Report of the Commissioners of Fisheries of the State of California, for the years 1874 and 1875. 8vo, pp. 36.
- 88. Pennsylvania. [4.] (Dec. 31, 1875?)—Commonwealth of Pennsylvania. Report of the State Commissioners of Fisheries, for the year 1874. Harrisburg: B. F. Meyers, State printer, 1875. 8vo, pp. 29.

- 89. Virginia. [2.] (Dec. 31, 1875?)—Annual Report of the Fish Commissioners of the State of Virginia, for the year 1875. Richmond: R. F. Walker, superintendent public printing, 1875. 8vo, pp. 34, 3 cuts. (Striped bass, brook trout, and black bass.)
- 90. Wisconsin. [2.] (Dec., 1875.)—Second Annual Report of the Commissioners of Fisheries of the State of Wisconsin. Madison, Wis.: E. B. Bolens, State printer, 1875. 8vo, pp. 15.
- 91. Minnesota. [2.] (Dec., 1875?)—Second Annual Report of the State Fish Commissioners of Minnesota. Saint Paul: Pioneer Press Company, 1876. 8vo, pp. 19.

- 92. Maryland. [4.] (Jan. 1, 1876.)—Frontispiece. Report of the Commissioners of Fisheries of Maryland, January, 1876. Annapolis: John F. Wiley, printer. 1876. 8vo, pp. 176, lxiii. 1 map, pl. 6 (including frontispiece). Contains list of Maryland fishes, by P. R. Uhler and Otto Lugger.
- 93. Utah. [2.] (Feb. 14, 1876.)—Statistical Report of the Deseret Agricultural and Manufacturing Society, for the year 1875. Presented to the legislative assembly by Hon. A. P. Rockwood, February 14, 1876. David O. Calder, public printer. Salt Lake City: Printed at the Deseret News steam printing establishment. 1876. 8vo, pp. 8.
- 94. Rhode Island. [9.] (Feb. 29, 1876.)—State of Rhode Island and Providence Plantations. Annual Report of the Commissioners on Inland Fisheries, made to the general assembly of the State of Rhode Island at its January session, A. D. 1876. Providence: Providence Press Company, printers to the State. 1876. 8vo, pp. 11.
- 95. New York. [8.] (Feb., 1876.)—Eighth Annual Report of the Commissioners of Fisheries of the State of New York, for the year ending December 31, 1875. Transmitted to the legislature March 17, 1876. Jerome B. Parmenter, State printer, 1876. 8vo, pp. 59.
- 96. New Hampshire. [12.] (March 2, 1876.)—Report of the Commissioners on Fisheries of the State of New Hampshire, June session, 1876. Concord: Edward A. Jenks, State printer. 1876. 8vo, pp. 16.
- 97. Connecticut. [10.] (May 17, 1876.)—Tenth Report of the Commissioners on Fisheries of the State of Connecticut, 1876. Hartford: Press of the Case, Lockwood & Brainard Company. 1876. 8vo, pp. 34.
- 98. Vermont. [7.] (Oct. 1876?)—Report of the Fish Commissioners for the State of Vermont, for 1875-76. Rutland: Tuttle & Company, printers. 1872. 8vo, pp. 16.

- 99. New Jersey. [7.] (Nov. 14. 1876?)—Seventh Annual Report of the Commissioners of Fisheries of the State of New Jersey, for the year 1876. Trenton, N. J.: John L. Murphy, book and job printer. 1876. 8vo, pp. 47.
- 100. Virginia. [3.] (Nov. 30, 1876.)—Annual Report of the Fish Commissioners of the State of Virginia, for the year 1876. mond: R. F. Walker, superintendent public printing. 1876. 8vo, pp. 13.
- 101. Maine. [10.] (Dec. 9, 1876?)—Tenth Report of the Commissioners of Fisheries of the State of Maine, for the year 1876. Augusta. Sprague, Owen & Nash, printers to the State. 1876. 8vo. pp. 31.
- 102. Michigan. [2.] (Dec. 20, 1876?)—Second Report of the State Fish Commissioners and Superintendent on State Fisheries, for 1875-'6, ending December 20, 1876. By authority. Lansing: W. S. George & Son, State printers and binders. 1876. 8vo, pp. 67.
- 103. Wisconsin. [3.] (Dec. 21, 1876.)—Third Annual Report of the Commissioners of Fisheries of the State of Wisconsin, for the year Madison, Wis.: E. B. Bolens, State printer. 8vo, pp. 23.
- 104. Massachusetts. [12.] (Dec. 31, 1876?)—Eleventh Annual Report of the Commissioners on Inland Fisheries, for the year ending January 1, 1877. Boston: Albert J. Wright, State printer, 79 Milk street (corner of Federal). 1877. 8vo, pp. 50.
- 105. Minnesota. [3.] (Dec., 1876?)—Third Annual Report of the State Fish Commissioners of Minnesota, for the fiscal year ending December 31, 1876. Printed by order of the legislature. Paul: Pioneer Press Company. 1877. 8vo, pp. 14.
- 1051. Georgia. [1.] (Dec. 31, 1876?)—Third Annual Report of the Commissioner of Agriculture of the State of Georgia, for the year 1876. Atlanta, Ga.: 1877. 8vo, pp. 6-7.

- 106. Connecticut. [11.] (Jan. 1, 1877.)—Eleventh Report of the Commissioners on Fisheries of the State of Connecticut, 1877. Hartford: Press of the Case, Lockwood & Brainard Company. 1877. 8vo, pp. 33.
- 107. Rhode Island. [10.] (Jan. 1, 1877.)—Annual Report of the Commissioners on Inland Fisheries, made to the general assembly of the State of Rhode Island, at its January session, A. D. 1877. Providence: Angell, Burlingame & Co., printers to the State. 1877. 8vo, pp. 11.
- 108. Maryland. [5.] (Jan. 1, 1877?)—Report of a Commissioner of Fisheries of Maryland, January, 1877. King Brothers, printers, 162 West Baltimore street. 1877. 8vo, pp. 108, pl. 2, 1 cut.

- 109. Ohio. [2.] (Jan. 13, 1877.)—First Annual Report of the Ohio State Fish Commission, to the Governor of the State of Ohio, for the years 1875 and 1876. Columbus: Nevins & Myers, State printers. 1877. 8vo, pp. 96, pl. 13.
- 110. Pennsylvania. [5.] (Feb. 7, 1877.)—Commonwealth of Pennsylvania. Report of the State Commissioners of Fisheries, for the year 1876. Harrisburg: B. F. Meyers, State printer. 1877. 8vo, pp. 28.
- 111. New York. [9.] (Feb., 1877.)—Ninth Annual Report of the Commissioners of Fisheries of the State of New York, for the year ending December 31, 1876. Transmitted to the legislature February 27, 1877. Jerome B. Parmenter, State printer. 1877. 8vo, pp. 20.
- 112. New Hampshire. [13.] (May 19, 1877.?)—Report of the Fish Commissioners of New Hampshire, June session, 1877. Concord: Edward A. Jenks, State printer. 1877. 8vo, pp. 45.
- 113. Iowa. [2.] Oct. 13, 1877.)—Second Biennial Report of the State Fish Commission of Iowa, being reports for the years 1875-'6 and 1876-'7. Des Moines: R. P. Clarkson, State printer. 1877. 8vo, pp. 37.
- 114. Kentucky. [1.] (Nov. 1, 1877.)—First Report of the Fish Commissioners of Kentucky, for the year ending November 1, 1877. Property of the State of Kentucky. Frankfort, Ky.: Printed at the Kentucky Yeoman office, S. I. M. Major, public printer. 1878. 8vo, pp. 22.
- 115. California. [5.] (Nov. 10, 1877.)—Report of the Commissioners of Fisheries of the State of California, for the years 1876 and 1877. 8vo, pp. 30.
- 116. Virginia. [4.] (Nov. 20, 1877.)—Annual Report of the Fish Commissioner of the State of Virginia, for the year 1877. Richmond: R. F. Walker, superintendent public printing. 1877. 8vo, pp. 60.
- 117. Maine. [11.] Nov. 30, 1877.?)—Eleventh Report of the Commissioners of Fisheries of the State of Maine, for the year 1877.

  Augusta: Sprague, Owen & Nash, printers to the State. 1877.

  8vo, pp. 30.
- 118. Wisconsin. [4.] (Nov., 1877.)—Fourth Annual Report of the Commissioners of Fisheries of the State of Wisconsin, for the fiscal year ending September 30, 1877. Madison, Wis.: David Atwood, printer and stereotyper. 1877. 8vo, pp. 23.
- 119. Massachusetts. [13.] (Dec. 1, 1877.)—Twelfth Annual Report of the Commissioners on Inland Fisheries, for the year ending January 1, 1878. Boston: Rand, Avery & Co., printers to the Commonwealth, 117 Franklin street. 1878. 8vo, pp. 68, 1 map.

#### Vol. III, No. 7. Washington, D. C. August 9, 1883.

120. New Jersey. [8.] (Dec. 5, 1877.\*)—Eighth Annual Report of the Commissioners of Fisheries of the State of New Jersey, for the year 1877. Trenton, N. J.: Naar, Day & Naar, printers. 1877. 8vo, pp. 63, pl. 2, 1 cut.

1201. Georgia. [2.] (Dec. 31, 1877.?)—Fourth Annual Report of the Commissioner of Agriculture of the State of Georgia, for the year 1877. Atlanta, Ga.: James P. Harrison & Co., printers and

binders. 1878. 8vo, pp. 29-30.

121. Minnesota. [4.] (Dec., 1877.?)—Fourth Annual Report of the State Fish Commissioners of Minnesota, for the fiscal year ending December 31, 1877. Transmitted to the legislature of the twentieth annual session, 1878. Minneapolis: Johnson, Smith & Harrison. 1878. 8vo, pp. 24.

122. Pennsylvania. [6.] (Dec., 1877.?)—Report of Joint Special Committee on the operations of the Fish Department. Harrisburg:

Lane S. Hart, State printer. 1878. 8vo, pp. 20, chart.

# 1878.

123. Connecticut. [12.] (Jan. 1, 1878.)—Twelfth Report of the Commissioners on Fisheries of the State of Connecticut, 1878. Hartford: Press of the Case, Lockwood & Brainard Company. 1878. 8vo, pp. 24.

124. Utah. [3.] (Jan. 1, 1878.)—Report of A. P. Rockwood, Superintendent Zion's Co-operative Fish Association, 1871-1878. 8vo.

pp. 14. (Title page not seen.)

125. Maryland. [6.] (Jan. 1, 1878.?)—Report of a Commissioner of Fisheries of Maryland. January, 1878. Baltimore: Printed by King Brothers, 162 West Baltimore street. 1878. 8vo, pp.

125, 5 tables, pl. 2 + VI, 1 cut.

126. North Carolina. [3.] (Jan. 15, 1878.)—Third Quarterly Report of Leonidas L. Polk, Commissioner, to the Board of Agriculture, Immigration, and Statistics. January 15, 1878. Raleigh: Farmer and Mechanic steam book and job office. 1877. 8vo, pp. 22. (Artificial Propagation of Fish, pp. 10-14.)

127. Pennsylvania. [7.] (Feb. 11, 1878.)—Commonwealth of Pennsylvania. Report of the State Commissioners of Fisheries, for the year 1877. Harrisburg: Lane S. Hart, State printer. 1878.

8vo, pp. 38, 1 cut.

128. New York. [10.] (Feb., 1878.)—Tenth Annual Report of the New York Fishery Commissioners for the year 1877. Albany, N. Y.: Van Benthuysen Printing House. 1878. 8vo, pp. 47, pl. 3.

Bull. U. S. F. C., 83——7

- 129. New Hampshire. [14.] (Apr. 1, 1878.\*)—Report of the Fish Commissioners of New Hampshire, June session, 1878. Manchester: John B. Clarke, State printer. 1878. 8vo, pp. 75, pl. 3, 5 cuts.
- 130. Ohio. [3.] (Apr. 9, 1878.)—Second Annual Report of the Ohio State Fish Commission, made to the Governor of the State of Ohio, for the year 1877. Columbus: Nevins & Myers, State printers, 1878. 8vo, pp. 116, 16 cuts.
- 131. Rhode Island. [11.] (Apr. 9, 1878.)—State of Rhode Island and Providence Plantations. Eighth Annual Report of the Commissioners of Inland Fisheries, made to the general assembly, at the January session, A. D. 1878, together with the laws of the State now in force relating to inland fisheries. Office of the Secretary of State, April, 1878. Providence: G. L. Freeman & Co., printers to the State. 1878. 8vo, pp. 19.
- 132. Kansas. [1.] (June 30, 1878.)—First Biennial Report of the Commissioner of Fisheries of the State of Kansas, for the years 1877-78. Topeka, Kans.: Geo. W. Martin, Kansas Publishing House. 1878. 8vo, pp. 20.
- 133. North Carolina. [2.] (Oct. 15, 1878.)—Second Quarterly Report of the Commissioner of Agriculture, for the year 1878 (embracing, also, the first quarter). Raleigh, N. C.: Farmer and Mechanic steam book and job print. 1878. 8vo, pp. 22. (Fish Propagation, pp. 5-7.)
- 134. Vermont. [8.] (Oct., 1878.)—Biennial Report of the Fish Commissioners of the State of Vermont, for 1877-78. Rutland: Tuttle & Co., stationers and official printers to the State of Vermont. 1878. 8vo, pp. 24.
- 135. Massachusetts. [14.] (Oct., 1878.?)—Thirfeenth Annual Report of the Commissioners on Inland Fisheries, for the year ending September 30, 1878. Boston: Rand, Avery & Co., printers to the Commonwealth, 117 Franklin street. 1879. 8vo, pp. 63.
- 136. Virginia. [5.] (Nov. 5, 1878.)—Annual Report of the Fish Commissioner of the State of Virginia, for the year 1878. Lexington, Va.: Lexington Gazette job office. 8vo, pp. 23.
- 137. West Virginia. [1.] (Nov. 22, 1878.)—Report of the Fish Commissioners of the State of West Virginia, for the years 1877-778. Wheeling: W. J. Johnston, public printer, 1879. 8vo, pp. 28.
- 138. Michigan. [3.] (Dec. 20, 1878.?)—State of Michigan. Third Report of the Superintendent of the Michigan State Fisheries for 1877-78, ending December 20, 1878. By authority. Lansing: W. S. George & Co., State printers and binders. 1879. 8vo, pp. 96.
- 139. Nevada. [1.] (Dec. 28, 1878.)—First Biennial Report of the Fish Commissioner of the State of Nevada, for the years 1877 and 1878. San Francisco: A. L. Bancroft & Company, printers, 721 Market street. 1879. 8vo, pp. 7.

- 140. Wisconsin. [5.] (Dec. 29, 1878.)—Fifth Annual Report of the Commissioners of Fisheries of the State of Wisconsin, for the year ending December 31, 1878. Madison, Wis.: David Atwood, State printer. 1879. 8vo, pp. 46, pl. 2.
- 141. New Jersey. [9.] (Dec. 31, 1878.)—Report of the Commissioners of Fisheries of the State of New Jersey, for the year 1878. Trenton, N. J.: Naar, Day & Naar, printers. 1878. 8vo, pp. 33.
- 142. Maine. [12.] (Dec. 31, 1878?)—Twelfth Report of the Commissioners of Fisheries of the State of Maine, for the year 1878. Augusta: Sprague, Owen & Nash, printers to the State. 1878. 8vo, pp. 26.
- 143. Minnesota. [5.] (Dec., 1878?)—Fifth Annual Report of the State Fish Commissioners of Minnesota, for the fiscal year ending December 31, 1878. Transmitted to the legislature of the twenty-first annual session, 1879. St. Paul: Miller & Rich, book and job printers, 28 East Third street. 1879. 8vo, pp. 22, 1 cut.

144. Connecticut. [13.] (Jan. 1, 1879.)—Thirteenth Report of the Commissioners on Fisheries of the State of Connecticut, 1879. Hartford, Conn.: Press of the Case, Lockwood & Brainard Company. 1879. 8vo, pp. 34.

145. Maryland. [7.] (Jan. 1, 1879?)—Report of the Commissioners of Fisheries of Maryland, January, 1879. Annapolis: George Colton, State printer. 1879. Svo. Frontispiece (plate of Salmo salar), pp. i-xl, followed by Public General Laws on Fish and Fisheries, 6 pages, and Public Local Laws on Fish and Fisheries, pp. 7-16.

146. North Carolina. [3.] (Jan. 6, 1879.)—Report of L. L. Polk, Commissioner of Agriculture. 1877–1878. 8vo, pp. 51. (Fish Propagation, pp. 7–15.)

147. Ohio. [4.] (Jan. 14, 1879.)—Third Annual Report of the Ohio State Fish Commission, made to the governor of the State of Ohio, for the year 1878. Columbus: Nevins & Myers, State printers. 1879. 8vo, pp. 22.

148. Kansas. [2.] (Jan. 25, 1879.)—Supplemental Report of Fish Commissioner for December, 1878. 8vo, pp. 3. (Title page not seen.)

149. Pennsylvania. [8.] (Feb. 20, 1879.)—Commonwealth of Pennsylvania. Report of the State Commissioners of Fisheries, for the year 1878. Presented in Senate February 20, 1870. Harrisburg: Lane S. Hart, State printer. 1879. 8vo, pp. 44, 1 cut.

- 150. North Carolina. [4.] (Apr. 1, 1879.)—Fish Culture in North Carolina. Outside title: Fish Culture in North Carolina. L. L. Polk, Commissioner. 1879. 8vo, pp. 26.
- 151. New Hampshire. [15.] (May 1, 1879?)—Report of the Fish Commissioners of New Hampshire, June session, 1879. Manchester: John B. Clarke, State printer. 1879. 8vo, pp. 51, pl. 3.
- 152. Iowa. [3.] (Oct. 1, 1879.)—Third Biennial Report of the State Fish Commission of Iowa, being report for the years 1877-778 and 1878-779. (Printed by order of the general assembly.) Des Moines: F. N. Mills, State printer. 1880. 8vo, pp. 54.
- 153. Washington. [1.] (Oct. 1, 1879.)—Report of the Fish Commissioner of the Territory of Washington, 1879. Published by authority. Olympia: C. B. Bagley, public printer. 1879. 8vo, pp. 4.
- 154. South Carolina. [2.] (Oct. 31, 1879?)—Report of Fish Commissioner for the year 1879. 8vo, pp. 569-582. (Title page not seen.)
- 155. Massachusetts. [15.] (Oct., 1879?)—Fourteenth Annual Report of the Commissioners on Inland Fisheries, for the year ending September 30, 1879. Boston: Rand, Avery & Co., printers to the Commonwealth, 117 Franklin street. 1880. 8vo, pp. 50.
- 156. California. [6.] (Nov. 1, 1879.)—Report of the Commissioners of Fisheries of the State of California, for the years 1878 and 1879.
  Sacramento: State office, F. P. Thompson, Supt. State printing. 1879. 8vo, pp. 63.
- 157. Kentucky. [2.] (Nov. 1, 1879.)—Second Biennial Report of the Fish Commission of Kentucky, being reports for the years 1877-'78 and 1878-'79. Property of the State of Kentucky. Frankfort, Ky.: Printed at the Kentucky Yeoman office, E. H. Porter, public printer. 1879. 8vo, pp. 30.
- 158. Virginia. [6.] (Nov. 1, 1879.)—Annual Report of the Commissioner of Fisheries of the State of Virginia, for the year 1879. Richmond: R. E. Frayser, superintendent public printing. 1879. 8vo, pp. 23, 3 cuts.
- 159. Maine. [13.] (Dec. 31, 1879?)—Report of the Commissioner of Fisheries of the State of Maine, for the year 1879. Augusta: E. F. Pillsbury & Co., State printers. 1879. 8vo, pp. 35.
- 160. Wisconsin. [6.] (Dec. 31, 1879?)—Sixth Annual Report of the Commissioners of Fisheries of the State of Wisconsin, for the year ending December 31, 1879. Madison, Wis.: David Atwood, State printer. 1880. 8vo, pp. 36, pl. 2.

161. Connecticut. [14.] (Jan. 1, 1880.)—Fourteenth Report of the Commissioners on Fisheries of the State of Connecticut, 1880. Hartford, Conn.: Press of the Case, Lockwood & Brainard Company. 1880. 8vo, pp. 23.

- 162. Maryland. [8.] (Jan. 1, 1880?)—Report of the Commissioners of Fisheries of Maryland, January, 1880. Annapolis: W.T. Inglehart & Co., State printers. 1880. 8 vo; frontispiece, pp. lxxviii, 269; index separately paged, 1-8; 5 plates+plates I-X; 1 map.
- 163. Nebraska. [1.] (Jan. 1, 1880?)—Outside title page: Annual Report of the State Board of Fish Commissioners, for the year 1879.
  Lincoln, Nebr.: State Journal Company, State printers. 1880, 8vo. pp. 16.
  - Inside heading: Annual Report of the State Board of Fish Commissioners, for the year 1879.
- 164. Ohio. [5.] (Jan. 15, 1880.)—Fourth Annual Report of the Ohio State Fish Commission, made to the governor of the State of Ohio, for the year 1879. Columbus: Nevins & Myers, State printers. 1880. 8vo, pp. 35.
- 165. Virginia. [7.] (Jan. 28, 1880.)—Report upon the Fisheries and Oyster Industries of Tidewater Virginia, with recommendations of such legislation as is necessary to regulate the same and derive a revenue from them. Made in obedience to a joint resolution of the general assembly, by M. McDonald, Commissioner of Fisheries of Virginia. Richmond: R. F. Walker, superintendent public printing. 1880. Svo, pp. 20.
- 166. New York. [11.] (Apr. 1, 1880.)—State of New York, No. 102. In assembly, April 1, 1880. Eleventh Report of the Commissioners of Fisheries of the State of New York, for the two years ending December 31, 1879. 8vo, pp. 45.
- 167. Rhode Island. [12.] (Apr. 9, 1880?)—State of Rhode Island and Providence Plantations. Ninth Annual Report of the Commissioners of Inland Fisheries, made to the general assembly at its January session, 1880. Providence: E. L. Freeman & Co., printers to the State. 1880. 8vo, pp. 19, 3 diagrams.
- 168. New Hampshire. [16.] (June 1, 1880?)—Report of the Fish Commissioners of New Hampshire to the governor and council, June, 1880. Manchester: John B. Clarke, State printer. 1880. 8vo, pp. 6:, frontispiece.
- 169. Kansas. [3.] (June 30, 1880.)—Second Biennial Report of the State Fish Commissioner. D. B. Long, commissioner. State of Kansas. Topeka, Kans.: Geo. W. Martin, Kansas publishing house. 1880. 8vo, pp. 19.
- 170. Illinois. [1.] (Oct. 1, 1880.)—Report of the State Fish Commission of Illinois. From July 1, 1879, to Sept. 30, 1880. Springfield: H. W. Rokker, State printer and binder. 1880. 8vo, pp. 14.
- 171. Georgia. [3.] (Oct. 15, 1880.)—Annual Report of the Commissioner of Agriculture of the State of Georgia. J. T. Henderson, commissioner. Atlanta, Ga.: Jas. P. Harrison & Co., printers and publishers. 1880. 8vo, pp. 5 and 33-38.

- 172. South Carolina. [3.] (Oct. 23, 1880.)—First Annual Report of the Commissioner of Agriculture of the State of South Carolina, 1880. Columbia, S. C.: James Woodrow, State printer. 1880. 8vo, pp. 53. Commercial fertilizers, p. 5; Fish Commission, pp. 12-17. This is the second annual report of the South Carolina Fish Commission.
- 173. Vermont. [9.] (Oct. 26, 1880.)—Biennial Report of the Fish Commissioners of the State of Vermont for 1879-'80. Rutland: Tuttle & Co., official State printers. 1880. 8vo, pp. 10.
  174. Massachusetts. [16.] (Oct., 1880?)—Fifteenth Annual Report of the
- 174. Massachusetts. [16.] (Oct., 1880?)—Fifteenth Annual Report of the Commissioners of Inland Fisheries for the year ending September 30, 1880. Boston: Rand, Avery & Co., printers to the commonwealth, 117 Franklin street. 1881. 8vo, pp. 77.
- 175. Colorado. [2.] (Dec. 1, 1880.)—Biennial Report of the Fish Commissioner of the State of Colorado for the two years 1879-'80. Denver, Colo.: Tribune Publishing Company, State printers. 1881. 8vo, pp. 34.
- 176. Michigan. [4.] (Dec. 1, 1880.)—State of Michigan. Fourth Report of the State Commissioners and Superintendent on State fisheries for 1879-1880, ending December 1, 1880. By authority. Lansing: W. S. George & Co., State printers and binders. 1881. 8vo, pp. 52.
- 177. Texas. [1.] (Dec. 1, 1880.)—First report of Texas Fish Commissioner for the year 1880. J. H. Dinkins, commissioner. Austin: State printing office, D. & D. Inst. 1880. 8vo, pp. 26.
- 178. North Carolina. [5.] (Dec. 1, 1880?)—Biennial Report of the Board of Agriculture to the general assembly of North Carolina, 1879 and 1880. Raleigh: P. M. Hale and Edwards, Broughton & Co., State printers and binders, 1881. 8vo. (Fish Propagation, pp. 7-8.) Report of Superintendent of Fish and Fisheries, for the years 1879-780. By S.G. Worth, superintendent. pp. 25-51.
- 179. Nebraska. [2.] (Dec. 31, 1880.)—Second Annual Report of the State Board of Fish Commissioners for the State of Nebraska. December 31, 1880. Lincoln, Nebr.: Journal Company, State printers. 1881. 8vo, pp. 19.
- 180. Nevada. [2.] (Dec. 31, 1880.)—Second Biennial Report of the Fish Commissioner of the State of Nevada for the years 1879 and 1880. Carson City: State office. J. W. Maddrill, sup't State printing. 1881. 8vo, pp. 10.
- 181. West Virginia. [2.] (Dec. 31, 1880.)—(Outside title.) Report of the Fish Commissioner of the State of West Virginia for the years 1879-780. Wheeling, W. Va.: W. J. Johnston, public printer. 1881. 8vo, pp. 16.
  - (Inside title, erroneous.) Report of the Fish Commissioners of the State of West Virginia, for the years 1878-79. Wheeling: W. J. Johnston, public printer. 1881.

182. Wisconsin. [7.] (Dec. 31, 1880.)—Seventh Annual Report of the Commissioners of Fisheries for the State of Wisconsin, for the year ending December 31, 1880. Madison, Wis.: David Atwood, State printer. 1881. 8vo, pp. 44, pl. 3.

183. Maine. [14.] (Dec. 31, 1880?)—Report of the Commissioners of Fisheries and Game of the State of Maine, for the year 1880.

Augusta: Sprague & Son, printers to the State. 1880. 8vo, pp. 54.

# 1881.

184. Connecticut. [15.] (Jan. 1, 1881.)—Fifteenth report of the Fish Commissioners of the State of Connecticut to the general assembly, January session, 1881. Middletown, Conn.: Pelton & King, printers and bookbinders. 1881. 8vo, pp. 32.

185. Maryland. [9.] (Jan. 1, 1881?)—Report of T. B. Ferguson, a Commissioner of Fisheries of Maryland. January, 1881. Hagerstown, Md.: Bell & Co., printers. 1881. 8vo, frontispiece, pp. cxiv, 1 diagram, 8 cuts, 16 plates, appendices (pp. 1-152), alphabeti-

cal index (paged 1-6).

Appendix A. An account of experiments on oyster culture and observations relating thereto, made at St. Jerome's Creek, Maryland, during the summer of 1880, by John A. Ryder. pp. 1-80, 15 figures. Notes on some of the early stages of development of the clam, or mananose (*Mya arenaria* Linn.), by John A. Ryder. pp. 81-91, 11 figures.

Appendix B. Oyster and fish laws, pp. 93-152.

Alphabetical index (separately paged) 1-6.

186. Tennessee. [1.] (Jan. 3, 1881.)—Biennial Report of the Fish Commissioner of the State of Tennessee to the forty-second general assembly. January 3, 1881. Geo. F. Akers, commissioner. Printed by act of general assembly. Nashville: Tavel, Eastman & Howell, printers to the State. 1881. 8vo, pp. 13.

187. Ohio. [6.] (Jan. 20, 1881.)—Fifth Annual Report of the Ohio Fish Commission made to the governor of the State of Ohio, for the year 1880. Columbus, Ohio: G. J. Brand & Co., State printers.

1881. 8vo, pp. 34.

188. Missouri. [1.] (Jan. 27, 1881.)—Report of the Fish Commissioners of the State of Missouri to the thirty-first general assembly. Jefferson City: Tribune Printing Company, State printers and binders. 1881. 8vo, pp. 42.

189. California. [7.] (Jan., 1881?)—Report of the Commissioners of Fisheries of the State of California for the year 1880. 8vo, pp. 70.

190. Minnesota. [6.] (Jan., 1881?)—The Sixth and Seventh Annual Reports of the Minnesota State Fish Commission for the years 1879 and 1880. Saint Peter: J. K. Moore, State printer. 1881. 8vo, pp. 32.

- 191. Pennsylvania. [9.] (Feb. 15, 1881.)—Report of the State Commissioners of Fisheries, for the years 1879 and 1880. Harrisburg: Lane S. Hart, State printer, 1881. 8vo, pp. 151, State seal on reverse of title-page, pl. 30 (26 illustrating fishes, embracing figs. 1-44), 2 diagrams.
- 192. Rhode Island. [13.] (Feb., 1881.)—State of Rhode Island and Providence Plantations. Tenth Annual Report of the Commissioners of Inland Fisheries, made to the general assembly, at its January session, A. D. 1881. Providence: E. L. Freeman & Co., printers to the State. 1881. 8vo, pp. 32.
- 193. New Hampshire. [17.] (June 1, 1881?)—Report of the Fish Commissioners of New Hampshire, June session, 1881. Manchester: John B. Clarke, public printer. 1881. 8vo, pp. 90.
- 194. Kentucky. [3.] (Oct. 10, 1881.)—Third Biennial Report of the Fish Commission of Kentucky. Being reports for the years 1879–780 and 1880–781. Property of the State of Kentucky. Frankfort, Ky.: Printed at the Kentucky Yeoman office. S. I. M. Major, public printer. 1882. 8vo, pp. 26.
- 195. Iowa. [4.] (Oct. 31, 1881.)—Fourth Biennial Report of the State Fish Commission of Iowa, for the years 1879-'80 and 1880-'81. Printed by order of the general assembly. Des Moines: F. M. Mills, State printer. 1882. 8vo, pp. 38.
- 196. South Carolina. [4.] (Oct. 31, 1881.)—Second Annual Report of the Commissioner of Agriculture of the State of South Carolina. 1881. Columbia, S. C.: James Woodrow, State printer. 1881. 8vo, pp. 131. On fish culture, see pp. 28-42 and 95.
- 197. Massachusetts. [17.] (Oct., 1881?)—Sixteenth Annual Report of the Commissioners on Inland Fisheries, for the year ending September 30, 1881. Boston: Rand, Avery & Co., printers to the Commonwealth, 117 Franklin Street. 1882. 8vo, pp. 62.
- 198. Connecticut. [16.] (Dec. 1, 1881.)—Sixteenth Annual Report of the Fish Commissioners, and First Report of the Shell-fish Commissioners of the State of Connecticut to the general assembly, January session, 1882. Hartford, Conn.: Press of the Case, Lockwood & Brainard Company. 1881. 8vo, pp. 33. (In same cover with No. 199.)
- 199. Connecticut. [17.] (Dec. 1, 1881.)—Report of the Commissioners of Shell-fisheries of Connecticut. Presented to the legislature, January session, 1882. Hartford, Conn.: Press of the Case, Lockwood & Brainard Company. 1882. 8vo, pp. 35-132, 2 folded maps. (In same cover with No. 198.)
- 200. Maine. [15.] (Dec. 31, 1881.)—Report of the Commissioner of Fisheries and Game of the State of Maine for the year 1881. Augusta: Sprague & Son, printers to the State. 1882. 8vo, pp. 31.

201. Wisconsin. [8.] (Dec. 31, 1881.)—Eighth Annual Report of the Commissioners of Fisheries for the State of Wisconsin for the year ending December 31, 1881. Madison, Wis.: David Atwood, State printer. 1882. 8vo, pp. 54.

- 202. Maryland. [11.] (Jan. 1, 1882?)—Report of Thomas Hughlett, commissioner of fisheries of Maryland. January, 1882. Annapolis, Md.: L. F. Colton, State printer. 1882. 8vo, pp. 32.
- 203. Rhode Island. [14.] (Jan. 5, 1882.)—State of Rhode Island and Providence Plantations. Eleventh Annual Report of the Commissioners of Inland Fisheries, made to the general assembly at its January session, A. D. 1882. Providence: E. L. Freeman & Co., printers to the State. 1882. 8vo, pp. 10.
- 204. West Virginia. [3.] (Jan. 26, 1882.?)—Report of the Fish Commissioners of the State of West Virginia for the year 1881. Wheeling: W. J. Johnston, public printer. 1882.
- 205. Ohio. [7.] (Jan. 28, 1882.)—Sixth Annual Report of the Ohio Fish Commission, made to the governor of the State of Ohio, for the year 1881. Columbus: G. J. Brand & Co., State printers. 1882. 8 vo, pp. 19.
- 206. New York. [12.] (April 1, 1882.)—Annual Report of the Commissioners of Fisheries of the State of New York for the year 1881. Transmitted to the legislature April 24, 1882. Albany: Weed, Parsons & Company, printers. 1882. 8vo, pp. 83, pl. 4.
- 207. New Hampshire. [18.] (June 1, 1882?)—Report of the Fish and Game Commissioners of New Hampshire, 1881-'82. Concord: Parsons B. Cogswell, State printer. 1882. 8vo, pp. 47.
- 208. Kansas. [4.] (June 30, 1882.)—Third Bienniel Report of the State Fish Commissioner. D. B. Long, commissioner, Ellsworth, State of Kansas. Topeka, Kans.: Kansas Publishing House. 1883. 8vo, pp. 29. M. Pierce, C. P., pp. 40.
- 209. Illinois. [2.] (Oct. 1, 1882.)—Reports of the State Fish Commission of Illinois. From July 1, 1879, to September 30, 1882. Springfield, Ill.: H. W. Rokker, State printer and binder. 1883. 8vo.
- 210. Georgia. [4.] (Oct. 15, 1882.)—Report of the Commissioner of Agriculture of the State of Georgia, embracing the years 1881 and 1882. J. T. Henderson, commissioner. Atlanta, Ga.: Jas. P. Harrison & Co., printers and publishers. 1882. 8vo, pp. 37-48.
- 211. Vermont. [10.] (Nov. 15, 1882.)—Biennial Report of the Fish Commissioners of the State of Vermont, for 1881-'82. Post-office address of commissioners: Hiram A. Cutting, M. D., Lunenburgh; Herbert Brainerd, Saint Albans. Montpelier: Watchman and Journal press. 1882. 8vo, pp. 23.

- 212. Connecticut. [18.] (Nov. 30, 1882.)—Second Report of the Shell-fish Commissioners of the State of Connecticut, to the general assembly, January session, 1883. Middletown, Conn.: Pelton & King, printers and bookbinders. 1883. 8vo, pp. 44.
- 213. Colorado. [3.] (Dec. 1, 1882.)—Biennial Report of the Fish Commissioner of the State of Colorado, for the two years 1881 and 1882. Denver, Colo.: Tribune Publishing Company, State printers. 1882. 8vo, pp. 11.
- 214. Connecticut. [19.] (Dec. 1, 1882.)—Seventeenth Report of the Fish Commissioners of the State of Connecticut, to the general assembly, January session, 1883. Hartford, Conn.: Press of the Case, Lockwood & Brainard Company. 1883. 8vo, pp. 28.
- 215. Maine. [16.] (Dec. 1, 1882.)—Report of the Commissioner of Fisheries and Game of the State of Maine. 1882. Augusta: Sprague & Son, printers to the State. 1882. 8vo, pp. 38.
- 216. Michigan. [5.] (Dec. 1, 1882.)—Fifth Biennial Report of the Super-intendent of the Michigan State Fisheries, for 1881-'82. Ending December 1, 1882; except the financial statement, which ends September 1, 1882. By authority. Lansing: W. S. George & Co., State printers and binders. 1883. 8vo, pp. 26.
- 217. Minnesota. [7.] (Dec. 1, 1882.)—The Seventh and Eighth Annual Reports of the Minnesota State Fish Commission, for the years 1881 and 1882, to the governor of Minnesota. Minneapolis: Johnson, Smith & Harrison. 1883. 8vo, pp. 84.
- 218. Maryland. [12.] (Dec. 19, 1882.)—Report of the Commissioners of Fisheries of Maryland. January, 1883. Thomas Hughlett, G. W. Delawder, commissioners of fisheries of Maryland. Hagerstown, Md.: Mail job print, 1883. 8vo, pp. 32, pl. 13.
- 219. Nebraska. [3.] (Dec. 31, 1882.)—Report of the Board of Fish Commissioners of Nebraska, for two years ending December 31, 1882. Lincoln, Nebr.: Journal Company, State printers. 1883.
  - Third Annual Report of the Board of Fish Commissioners of Nebraska. December 31, 1881. Lincoln, Nebr.: Journal Company, State printers. 1883. 8vo, pp. 13.
- 220. Nebraska. [4.] (Dec. 31, 1882.)—Report of the Board of Fish Commissioners of Nebraska, for two years ending December 31, 1882. Lincoln, Nebr.: Journal Company, State printers. 1883.
  - Fourth Annual Report of the Board of Fish Commissioners of Nebraska. December 31, 1882. Lincoln, Nebr.: Journal Company, State printers. 1883. 8vo, pp. 15-36.
- 221. Wisconsin. [9.] (Dec. 31, 1882.)—Ninth Annual Report of the Commissioners of Fisheries for the State of Wisconsin, for the year ending December 31, 1882. Madison, Wis.: Democrat Printing Company, State printers. 1883. 8vo, pp. 52.

222. Massachusetts. [18.] (Dec., 1882?)—Seventeenth Annual Report of the Commissioners on Inland Fisheries, for the year ending December 31, 1882. Boston: Wright & Potter Printing Company, State printers, 18 Post-office Square. 1883. 8vo, pp. 58.

# 1883.

223. Texas. [2.] (Jan. 1, 1883.)—Report of the Fish Commission of Texas for the year 1882. Austin: E. W. Swindells, State printer. 1883. 8vo, pp. 12.

224. Nevada. [3.] (Jan. 4, 1883.)—Biennial Report of the Fish Commissioner of the State of Nevada, for the years 1881 and 1882. Carson, Nev.: J. C. Harlow, State printer. 1883. 8vo, pp. 11.

225. California. [8.] (Jan., 1883.)—Report of the Commissioners of Fisheries of the State of California for the years 1881 and 1882. San Francisco: Francis, Valentine & Co., printers and exchangers, 517 Clay street. 1883. 8vo, pp. 31.

226. Indiana. [1.] (Jan., 1883.)—First Annual Report of the Commissioner of Fisheries of Indiana, to the general assembly. Indianapolis: Wm. B. Burford, State printer. 1883. 8vo, pp. 103.

227. Delaware. [1.] (Jan., 1883?)—First Biennial Report of the Commissioner of Fish and Fisheries for the State of Delaware, for the years 1881 and 1882. Wilmington, Del.: Gazette print, Bell & Taylor, 502 King street. 1883. 8vo, pp. 14.

Virginia. [8.] (Feb. 24, 1883.)—Annual Report of the Commissioner of Fisheries, 1882. Richmond: Johns & Goolsby, printers.
1882. 8vo, pp. 17. Appendix 31 pp., pl. 3, 1 cut.

229. Missouri. [2.] (Jan. 26, 1883.)—Report of the Fish Commission of the State of Missouri, to the thirty-second general assembly, for the years 1881 and 1882. Jefferson City: State Journal Company, State printers. 1883. 8vo, pp. 62.

230. Tennessee. [2.] (Jan. (?), 1883.)—Report of the Fish Commissioners of the State of Tennessee, for 1881-'82. W. W. McDowell, Edward D. Hicks, H. H. Sneed, commissioners. Nashville: Albert B. Tavel, stationer and publisher. 1883. 8vo, pp. 24.

231. Ohio. [8.] (Jan. 29, 1883.)—Seventh Annual Report of the Ohio Fish Commission, to the governor of the State of Ohio, for the year 1882. Columbus: G. J. Brand & Co., State printers. 1883. 8vo, pp. 14.

232. North Carolina. [6.] (Jan. (?), 1883.)—Report of the Board of Agriculture to the Honorable the General Assembly of the State of North Carolina, Document No. 18, session, 1883: [containing] Second Biennial Report of S. G. Worth, Superintendent of Fish and Fisheries of North Carolina. (Without cover.) 8vo, pp. 62-81.