# UNITED STATES DEPARTMENT OF THE INTERIOR, Stewart L. Udall, Secretary FISH AND WILDLIFE SERVICE, Clarence F. Pautzke, Commissioner BUREAU OF COMMERCIAL FISHERIES, Donald L. McKernan, Director

## Fishery Leaflet 540

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## LIST OF FISHERY LEAFLETS OF THE U.S. FISH AND WILDLIFE SERVICE

by Lola T. Dees
Branch of Reports
Division of Resource Development

Fishery leaflets are correspondence aids giving information on fishes and fisheries. In this report the latest issue or revision of each leaflet is listed, without reference to the original issue. (Articles preceded by asterisks are out of print, but can be borrowed from some public and college libraries.)

Available fishery leaflets may be obtained without charge from the U.S. Fish and Wildlife Service. Requests for large amounts will be carefully reviewed to insure fair distribution. Please give title and identification letter and number when making a request.

No.

#### Title

- \* 1. Black bass angling laws. By Division of Game Management. April 1941, 3 p., 1 table.
- \* 2. Aquatic products in the arts and industries. By Division of Fishery Industries. July 1941, 4 p.
- \* 3. Shipworms and other marine borers. By Paul S. Galtsoff. May 1945, 4 p. Superseded by FL 505.
- \* 4. Sponges. By Paul S. Galtsoff. April 1946, 7 p., 2 tables. Super-seded by FL 490.
- \* 5. Sardines. By Division of Fishery Biology. May 1945, 12 p., 2 tables.
- \* 6. Some publications on fish culture and related subjects (list). By Branch of Game-fish and Hatcheries. August 1950, 9 p. Superseded by FL 448.

- \* 7. Anglers' license data for the year 1941-42. By Harold T. Smither. July 1943, 2 p.
- \* 8. Fishes with fins and scales, the anatomy of fishes in its bearing on the requirements of certain religious dietary regulations, with a note on the source of cod and other liver oils. By Isaac Ginsburg. April 1946, 8 p. Superseded by FL 418.
  - 9. Available publications on fisheries (subject index). By Office of Information. April 1961, 7 p.
- \* 10. Use of sodium arsenite for controlling submerged vegetation in fishponds. By Division of Game-fish and Hatcheries. January 1943, 5 p.
- \* 11. Sea mussels, a potential source of attractive low-cost sea food from the Atlantic coast. By Wm. C. Herrington and Leslie W. Scattergood. December 1942, 5 p., 1 table.
- \* 12. Fertilization of fish ponds. By Division of Fishery Biology. January 1943, 7 p., 2 tables.
- \* 13. Commercial clams of the Atlantic coast of the United States. By V. L. Loosanoff. December 1946, 12 p., 1 table.
  - 14. Pacific salmons. By Fish and Wildlife Service. December 1958, 10 p. 2 tables.
- \* 15. Lake trout. By John Van Oosten. July 1944, 8 p., 4 tables. Super-seded by FL 441.
- \* 16. Outlook for the Alaska herring fishery in 1943. By E. H. Dahlgren and L. N. Kolloen. March 1943, 16 p., 5 tables.
  - 17. Construction of farm ponds. By Branch of Game-fish and Hatcheries. February 1951, 13 p., 6 figs.
  - 18. Home preservation of fishery products, salting, smoking, and other methods of curing fish at home. By Norman D. Jarvis. April 1945, 22 p., 10 figs.
- \* 19. Cooking carp. By Edith E. Hopkins and Catherine M. Ritchie. September 1951, 8 p.
- \* 20. Canning tuna. By Norman D. Jarvis. June 1943, 7 p.
- \* 21. How to cook the burbot. By Edith E. Hopkins and Catherine M. Ritchie. June 1943, 6 p.
- \* 22. Increasing the production of oysters and other shellfish in the United States. By Paul S. Galtsoff. June 1943, 14 p., 1 table.

- 23. Earthworms for bait. By Branch of Game-fish and Hatcheries. June 1952, 3 p.
- \* 24. List of publications on farm fish ponds. By Branch of Game-fish and Hatcheries. March 1948, 6 p.
- \* 25. List of publications on Irish moss (Chondrus crispus). By Victor B. Scheffer. May 1945, 4 p.
- \* 26. Salting river herring (alewives) in Chesapeake Bay. By Norman D. Jarvis and R. W. Hines. May 1945, 4 p.
  - 27. Farm fish ponds and their management. By O. Lloyd Meehean. September 1945, 9 p.
  - 28. Fish baits: their collection, care, preparation and propagation. By Branch of Game-fish and Hatcheries. March 1950, 26 p., 1 fig.
- \* 29. Crab scrap as poultry feed. By John Ruel Manning. August 1943, 3 p., 2 tables.
  - 30. Preparation of three fishes of the Pacific coast, shark, shad, and lingcod. By Branch of Commercial Fisheries. September 1951, 4 p.
- \* 31. Some South American fish recipes. By Norman D. Jarvis. May 1948, 9 p.
- \* 32. Consider the fishes. By Reginald H. Fiedler. September 1943, 3 p.
- \* 33. Whalemeat. By Division of Commercial Fisheries. May 1945, 2 p.
- \* 34. A manual for demonstrating the cooking of carp. By Edith E. Hopkins. September 1943, 10 p.
  - 35. Fish cookery in the open. By W. T. Conn. November 1945, 27 p., 4 figs., 1 table.
  - 36. The food value of fish and shellfish. By Hugo W. Nilson. June 1948, 2 p.
- \* 37. Canning Atlantic and Gulf oysters. By Norman D. Jarvis. May 1945, 3 p.
- \* 38. Brine-salted herring. By Norman D. Jarvis. September 1943, 3 p.
- \* 39. The utilization of echinoderms and of gasteropod mollusks. By H. P. Kjerskog-Agersborg. October 1943, 7 p. [Reprinted from American Naturalist, vol. 54, no. 634, p. 414-426.]

\* 40. The transportation of frozen live fishes. By Eugene Mir and J. Audigé. October 1943, 5 p. From Bulletin de la Société Centrale d'Agriculture et de Peche, tome 25, p. 7-14, 1913, Paris. Translated by Jessie E. Drayton.

- 41. List of State-owned fish hatcheries and rearing stations. By Branch of Game-fish and Hatcheries. September 1954, 24 p.
- \* 42. Restoration and management of the New England alewife fisheries with special reference to Maine. By George A. Rounsefell and Louis D. Stringer. December 1943, 33 p., 1 fig., 8 tables.
- \* 43. Care of aquarium fishes. By Branch of Fishery Biology. May 1950, 9 p., 1 table.
- \* 44. How to make bloaters. December 1943, 2 p. <u>In</u> Art of fish curing, p. 45-46, by "Viking" (R. J. Duthrie). The Rosemount Press, Aberdeen, Scotland, 1911.
- \* 45. Brine-cured cod. By Norman D. Jarvis. May 1945, 2 p.
  - 46. Dealers in trout and pondfishes. By Division of Fish Culture. February 1944, 7 p. Superseded by Trout and Pondfish Dealers, compiled by U.S. Department of the Interior, Fish and Wildlife Service, published by Sport Fishing Institute, Washington, D. C., October 1952, 14 p.
- \* 47. Fisheries of North America with special reference to the United States. By R. H. Fiedler. January 1944, 12 p., 2 figs., 1 table. [Reprinted from Geographical Review, vol. 30, no. 2, p. 201-214.]
- \* 48. Striped mullet and their preparation for the table. By Branch of Commercial Fisheries. February 1952, 4 p.
- \* 49. Otter trawl net for small fishing boats. By B. O. Knake and R. T. Whiteleather. February 1944, 12 p., 8 figs. From Fishery Bulletin of Puerto Rico, vol. 9, no. 2, p. 12-23.
- \* 50. Preparation of fresh eastern oysters for market. By S. R. Pottinger. March 1944, 8 p.
- \* 51. Brine-salted mullet. By Norman D. Jarvis. September 1945, 4 p., 2 figs.
- \* 52. Planting and marketing oysters in the Pacific Northwest. By Lynn G. McKee. May 1948, 6 p. Superseded by FL 498.
  - 53. Sauces for seafoods. By Branch of Commercial Fisheries. July 1948, 4 p.

- \* 54. Scaler boosts fish production. By L. V. Burton. May 1944, 2 p., 5 figs. [Reprinted from Food Industries, vol. 16, no. 1, p. 68-69.]
- \* 55. Breathing in fishes. By James S. Gutsell. March 1947, 3 p. Super-seded by FL 132.
- \* 56. Fish distribution boat. By Roy D. Noble and C. H. Bennett. April 1944, 4 p., 2 figs.
  - 57. Care of goldfish. By Branch of Game-fish and Hatcheries. July 1952, 5 p.
- \* 58. Some publications on diseases and parasites of fishes. By Division of Fishery Biology. March 1947, 6 p.
- \* 59. Construction of a garden fish pool. By Division of Game-fish and Hatcheries. October 1946, 4 p., 1 fig. Superseded by FL 443.
  - 60. Mild curing, pickling, dry salting, and smoking salmon. By Norman D. Jarvis. September 1948, 13 p.
- \* 61. Capture and marketing of garfish (with special reference to those of Louisiana) and recipes for their preparation. By Division of Fishery Industries. June 1944, 6 p.
- \* 62. Preserving the angler's catch. By Division of Fish Culture. June 1944, 2 p.
- \* 63. The body oil from menhaden (Brevoortia tyrannus). A. Low temperature crystallization of glycerides. B. Some of the 18 and 20 carbon atom acids. By W. H. Baldwin and L. E. Parks. June 1944, 4 p. [Reprinted from Oil & Soap, vol. 20, no. 6, p. 101-104.]
  - 64. Construction and operation of lobster fishing gear. By Frank E. Firth. January 1950, 14 p., 8 figs.
  - 65. An outlet gate for farm fish ponds. By Division of Fish Culture. June 1944, 4 p., 2 figs.
- \* 66. Preservation and care of fish nets. By Frank E. Firth and Carl B. Carlson. December 1949, 6 p.
- \* 67. The top minnow, Gambusia the mosquito destroyer. July 1944, 5 p. Superseded by FL 525.
  - 68. Sea nettles or jellyfishes. By Division of Fishery Biology. July 1944, 4 p.
  - 69. Markets and recipes for fresh-water turtles. By Educational and Market Development Section, Branch of Commercial Fisheries. September 1954, 4 p.

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No.

- \* 70. The treatment of fish diseases. By H. S. Davis. July 1944, 5 p., 1 table.
- \* 71. Edible crabs. By Fish and Wildlife Service. July 1945, 4 p. Super-seded by FL 471.
- \* 72. Culture of hard clams. By Division of Fishery Biology. July 1944, 2 p.
  - 73. Culture of soft clams. By Branch of Fishery Biology. September 1948, 2 p.
  - 74. The American lobster (Homarus americanus). By Leslie W. Scattergood. September 1960, 9 p.
- \* 75. The Peruvian fisheries. By Reginald H. Fiedler. September 1952, 13 p., 16 figs. [Reprinted from Geographical Review, vol. 34, no. 1, p. 96-119.]
- \* 76. The black basses. By Division of Fishery Biology. August 1944, 4 p.
- \* 77. The fur-seal industry of the Pribilof Islands, Alaska. By Ward T. Bower. July 1945, 8 p., 1 table.
- \* 78. Historical outline of the canning of fishery products. By Norman D. Jarvis. 1943, 13 p., 1 fig., 3 tables. In U.S. Fish and Wildlife Service, Research Report 7, p. 1-13, 1943.
  - 79. Operations involved in canning. By Norman D. Jarvis. 1943, 18 p., 1 table. <u>In</u> U.S. Fish and Wildlife Service, Research Report 7, p. 93-111, 1943.
  - 80. Pacific salmon. By R. W. Clough, E. D. Clark, and Norman D. Jarvis. 1943, 29 p., 15 figs., 2 tables. <u>In</u> U.S. Fish and Wildlife Service, Research Report 7, p. 117-145, 1943.
  - 81. Sardines. By Norman D. Jarvis. 1943, 28 p., 7 figs., 1 table. <u>In</u> U.S. Fish and Wildlife Service, Research Report 7, p. 147-174, 1943.
  - 82. Tuna. By O. W. Lang and N. D. Jarvis. 1943, 24 p., 8 figs. In U.S. Fish and Wildlife Service, Research Report 7, p. 175-198, 1943.
  - 83. Mackerel. By Norman D. Jarvis. 1943, 9 p., 1 fig. <u>In</u> U.S. Fish and Wildlife Service, Research Report 7, p. 199-207, 1943.
  - 84. Shellfish. By Norman D. Jarvis. 1943, 33 p., 8 figs. <u>In</u> U.S. Fish and Wildlife Service, Research Report 7, p. 225-257, 1943.
  - 85. Crustacea. By Norman D. Jarvis. 1943, 25 p., 7 figs. In U.S. Fish and Wildlife Service, Research Report 7, p. 259-283, 1943.

- 86. Specialty products. By Norman D. Jarvis. 1943, 13 p., 3 figs. In U.S. Fish and Wildlife Service, Research Report 7, p. 285-297, 1943.
- 87. Fish roe and caviar. By Norman D. Jarvis. 1943, 10 p. In U.S. Fish and Wildlife Service, Research Report 7, p. 299-308, 1943.
- 88. Canned products hermetically sealed but not processed. By Norman D. Jarvis. 1943, 14 p. In U.S. Fish and Wildlife Service, Research Report 7, p. 309-322, 1943.
- 89. Spoilage in canned fishery products. By Norman D. Jarvis. 1943, 11 p. In U.S. Fish and Wildlife Service, Research Report 7, p. 323-333, 1943.
- Canned fishery products as food. By Norman D. Jarvis. 1943, 8 p., 2 figs. In U.S. Fish and Wildlife Service, Research Report 7, p. 355-362, 1943.
- 91. Turtles in the home aquarium. By Branch of Game-fish and Hatcheries. February 1951, 2 p.
- \* 92. Fishways for small streams. By George A. Rounsefell. October 1944, 6 p., 1 fig.
- \* 93. New foods from salmon cannery waste. By Lyle Anderson and Frank Piskur. July 1948, 5 p., 1 fig. [Reprinted from Pacific Fisherman, vol. 42, no. 5, p. 43, 45.]
- \* 94. Judging the quality and freshness of fish by organoleptic methods. By Maurice E. Stansby. February 1952, 6 p.
- \* 95. The latent fisheries of Washington and Alaska. By Wilbert McLeud Chapman. October 1944, 9 p., 5 tables. In California Fish and Game, vol. 28, no. 4, p. 182-198.
- \* 96. Biological positions in the Division of Fishery Biology. By Fish and Wildlife Service. October 1944, 4 p.
  - 97. Fish culture as a livelihood. By Branch of Game-fish and Hatcheries. February 1954, 3 p.
  - 98. Loch Leven trout (Salmo trutta levenensis). By George A. Rounsefell. September 1946, 1 p.
- \* 99. Extraction of vitamin A from dogfish livers. By R. W. Harrison and Wm. S. Hamm. October 1944, 2 p. [Reprinted from Pacific Fisherman, vol. 39, no. 9, p. 37-39.]
- \*100. Determination of the age of fishes. By Division of Fishery Biology. November 1944, 4 p. Superseded by FL 488.

- \* 101. A survey of academic qualifications for fishery biologists and of institutional facilities for training fishery biologists. By H. J. Deason, 15 p. [Reprinted from Transactions of the American Fisheries Society, vol. 70, for the year 1940, p. 128-142.]
- \* 102. Frog culture and the frog industry. By Division of Fishery Biology. December 1944, 4 p. Superseded by FL 436.
- \* 103. Suggestions for storing frozen fish. By J. M. Lemon. March 1947, 4 p.
- \* 104. The canning of Maine sea herring. By Buell W. Blair, E. J. Cameron, and Norman D. Jarvis. December 1944, 2 p.
  - 105. Was not issued.
  - 106. Basic recipes for cooking fish. By Rose G. Kerr. September 1949, 7 p.
- \* 107. Opportunities for small business in the fisheries of the Pacific Northwest and Alaska. By M. E. Stansby. February 1945, 6 p.
- \* 108. The relative productivity and value of the fisheries of the United States and Alaska. By Bob Finley. April 1952, 10 p., 1 fig., 8 tables.
- \* 109. The fisheries of the world. By Arthur M. Sandberg. February 1945, 8 p., 5 figs., 6 tables.
- \* 110. The steelhead and rainbow trouts. By Division of Fishery Biology. March 1945, 2 p.
- \* 111. Fighting fibers and comparable values of fibers for use in commercial fisheries. By Frank E. Firth. February 1945, 6 p.
- \* 112. Mortality of fishes in fresh water ponds and lakes. By Division of Fishery Biology. March 1945, 2 p.
- \* 113. Tagging and marking fish. By Lawrence N. Kolloen. July 1945, 5 p.
- \* 114. Crustaceans as food for fishes in fish culture. By Division of Fishery Biology. March 1945, 3 p.
- \* 115. Handling fresh fish. By Maurice E. Stansby. February 1952, 4 p.
  - 116. Composition of fish. By M. E. Stansby. December 1953, 16 p., 9 tables.
- \* 117. Positions in the Division of Commercial Fisheries. By Fish and Wildlife Service. February 1946, 6 p.

- 118. Agar, agaroids, and the American agar industry. By Horace H. Selby. June 1948, 4 p.
- \* 119. Summary of the game fish laws for 1945. By Division of Game-fish and Hatcheries. April 1945, 15 p.
  - 120. Dehydration of fishery products. By Maurice E. Stansby. October 1946, 7 p.
- \* 121. Observations on the shark fishery in the central part of the Gulf of California with records of vitamin potency of liver oils and with keys to the identification of commercially important sharks. By Lionel A. Walford. April 1945, 6 p., 10 figs., 1 table.
- \* 122. Smoking lake herring, whitefish, lake trout, and carp. By Norman D. Jarvis. June 1949, 6 p., 3 figs.
- \* 123. Sharks, and skates or rays. By Samuel F. Hildebrand. March 1947, 4 p.
  - 124. Dermatitis in the fish industry. By Louis Schwartz and Irving R. Tabershaw. December 1949, 7 p. [Reprinted from Journal of Industrial Hygiene and Toxicology, vol. 27, no. 1, p. 27-30.]
  - 125. How to make and mend fish nets. By Fish and Wildlife Service.

    January 1952, 7 p., 20 figs. [Reprinted from Atlantic Fisherman, vol. 26, no. 1, p. 23-24.]
  - 126. Fish reduction processes. By Charles Butler. April 1949, 16 p., 3 figs.
- \* 127. Eel fishing and eel pots. By Frank E. Firth. July 1945, 9 p., 6 figs.
  - 128. Refrigerated locker storage of fish and shellfish. By Martin Heerdt, Dorris L. Bucher, and Maurice E. Stansby. June 1949, 20 p., 11 figs., 5 tables.
  - 129. The Pacific sardine fishery. By staff of the South Pacific Section of the Division of Fishery Biology. May 1947, 6 p.
  - 130. Rains of fishes, toads, and frogs. By Division of Fishery Biology. July 1945, 2 p. Superseded by FL 513.
- \* 131. Crayfish. By Division of Fishery Biology. July 1945, 6 p.
  - 132. Structure and senses of fish. By Ralph Hile. March 1960, 13 p., 3 figs.
- \* 133. Catfishes. By Division of Fishery Biology. July 1945, 3 p.

- 134. The black drum (Pogonias cromis). By Division of Fishery Biology. July 1945, 2 p.
- \* 135. Guide to commercial shark fishing in the Caribbean area. By Anglo-American Caribbean Commission. 1945, 149 p., 56 figs. [Republication of booklet originally published by the Anglo-American Caribbean Commission, March 1945.]
  - 136. Dry-salting mullet, red drum (channel bass) and kingfish (king mackerel). By Norman D. Jarvis. September 1945, 7 p., 5 figs.
- \* 137. Summary of trout stocking experiments. By Ancil D. Holloway. August 1945, 16 p., 5 tables.
  - 138. Some time and labor saving techniques in vitamin A and oil analyses. By F. B. Sanford, G. C. Bucher, and W. Clegg. June 1948, 3 p., 7 figs.
- \* 139. WFA net weights and conversion factors for fishery products summarized. July 1945, 3 p., 4 tables.
- \* 140. 'Fish poisoning' and its prevention. By O. W. Lang. August 1945, 3 p. [Reprinted from Pacific Fisherman, vol. 30, no. 7, p. 32.]
- \* 141. Drill sampling device for fish livers. 1. Constructional details. By L. G. McKee, F. B. Sanford, and G. C. Bucher. August 1945, 6 p., 4 figs., 1 table.
- \* 142. Spiny lobster. By John C. Pearson and W. W. Anderson. November 1946, 4 p. Superseded by FL 523.
- \* 143. Preparation of fish for storage in refrigerated lockers. By Leo Young. September 1945, 13 p., 8 figs., 4 tables.
- \* 144. Precooked frozen fish preparations. By Kathryn L. Osterhaug and Dorris L. Bucher. September 1945, 7 p., 4 figs. [Reprinted from Food Packer, vol. 26, no. 9, p. 42-44.]
- \* 145. Pearl culture. By Branch of Fishery Biology. December 1954, 3 p.
- \* 146. Preliminary report on the use of DDT as an insecticide in the fishery industries. By Leslie A. Sandholzer and A. W. Lindquist. October 1945, 7 p.
  - 147. List of Federal fish-cultural stations. By Branch of Game-fish and Hatcheries. November 1954, 5 p.
- \* 148. Improved fish trap for taking spawners. By Division of Game-fish and Hatcheries. February 1946, 2 p., 1 fig.

- \* 149. Unemployment insurance information for fishermen and allied workers, Chesapeake Bay States: Maryland, Virginia. By Economics and Cooperative Marketing Section, Division of Commercial Fisheries. November 1945, 6 p.
- \* 150. Unemployment insurance information for fishermen and allied workers, Middle Atlantic States: New York, New Jersey, Pennsylvania, Delaware. By Economics and Cooperative Marketing Section, Division of Commercial Fisheries. November 1945, 13 p.
- \* 151. Unemployment insurance information for fishermen and allied workers, New England States: Maine, New Hampshire, Massachusetts, Rhode Island, Connecticut. By Economics and Cooperative Marketing Section, Division of Commercial Fisheries. December 1945, 15 p.
- \* 152. Unemployment insurance information for fishermen and allied workers, South Atlantic States: North Carolina, South Carolina, Georgia, Florida. By Economics and Cooperative Marketing Section, Division of Commercial Fisheries. December 1945, 13 p.
- \* 153. Unemployment insurance information for fishermen and allied workers, Pacific Coast States: Washington, Oregon, California. By Economics and Cooperative Marketing Section, Division of Commercial Fisheries. December 1945, 9 p.
- \* 154. Unemployment insurance information for fishermen and allied workers, Gulf States: Alabama, Mississippi, Louisiana, Texas. By Economics and Cooperative Marketing Section, Division of Commercial Fisheries. December 1945, 11 p.
- \* 155. Dry ice refrigeration of fresh fish fillets. By E. F. Kapalka and R. H. Flowers. December 1945, 4 p., 1 fig., 1 table.
- \* 156. The commercial importance of seaweed gums in the United States. By Victor B. Scheffer. November 1945, 5 p.
- \* 157. Japanese fishing industry. December 1945, 21 p. By Office of Chief of Naval Operations.
- \* 158. Some methods of fishing sharks. December 1945, 2 p. [Extracted by Elmer Higgins from "Preliminary report of the shark investigations at Big Pine, Fla.," 1924.]
- \* 159. Condensed fish press water and fish liver meal in chick rations. By E. P. Berry, C. W. Carrick, Roy E. Roberts, and S. M. Hauge. December 1945, 7 p., 5 tables. [Reprinted from Poultry Science, vol. 24, no. 3, p. 270-276.]
  - 160. Partial list of fishery periodicals. By Ruth V. Keefe. December 1952, 9 p.

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\* 161. Ridding ponds of turtles. By Division of Fishery Biology. December 1945, 2 p., 1 fig.

No.

- \* 162. Aquatic biology and oceanography; a selected list of books. By Interior Library. November 1952, 12 p.
- \* 163. Culture and care of minnows, shiners, and bait fish. By Division of Fishery Biology. March 1946, 4 p.
- \* 164. Alligators. By Division of Fishery Biology. February 1946, 2 p.
- \* 165. Some tropical aquarium fishes. By Division of Fishery Biology. March 1946, 15 p. Superseded by FL 411.
- \* 166. The pikes. By John Van Oosten. February 1953, 7 p. Superseded by FL 496.
- \* 167. Fishing vessels of New England and New York City, 1945. By H. M. Bearse and W. F. Royce. January 1946, 49 p., 1 fig.
- \* 168. Commercial fishery laws and regulations. By Ruth V. Keefe. July 1954, 8 p.
- \* 169. Natural history and methods of controlling the starfish. Asterias forbesi (Desor). By Division of Fishery Biology. March 1946, 7 p. Superseded by FL 520.
- \* 170. Sponge production and international sponge trade of the United States. By Richard A. Kahn and Lois B. Sandven. January 1946, 8 p., 4 figs., 4 tables.
- \* 171. Unemployment insurance information for fishermen and allied workers, Great Lakes States, Minnesota, Wisconsin, Illinois, Michigan, Ohio. By Economics and Cooperative Marketing Section, Division of Commercial Fisheries. December 1945, 18 p.
  - 172. Compliance with the Federal Food, Drug, and Cosmetic Act in the marketing of fishery products. By Albert C. Hunter. January 1946, 3 p.
- \* 173. Agar and other seaweed gums: a summary of data on chemical and physical properties. By Leonard S. Stoloff and Charles F. Lee. March 1946, 8 p., 2 figs., 3 tables.
  - 174. Stream pollution hazards of wood pulp mill effluents. By B. A. Westfall. January 1950, 9 p.
- \* 175. Striped bass (Roccus saxatilis). By Division of Fishery Biology. March 1946, 4 p., 1 table. Superseded by FL 451.

- 176. Atlantic salmon (Salmo salar). By Fish and Wildlife Service. March 1954, 6 p.
- \* 177. Progress report on tests in commercial fisheries of cordages made from various fibers. By Frank E. Firth. March 1954, 7 p.
  - 178. Partial list of fishing boat builders. By Branch of Exploratory Fishing and Gear Research, Bureau of Commercial Fisheries. October 1959, 7 p.
- \* 179. The shad, Alosa sapidissima. March 1946, 5 p., 2 tables. Superseded by FL 504.
- \* 180. Home canning of fish. By Norman D. Jarvis. July 1948, 13 p.
- \* 181. Fish can be stored in refrigerated lockers with other foods. By Martin Heerdt, Jr. March 1946, 3 p.
- \* 182. Reproduction in fishes. By Division of Fishery Biology. April 1946, 4 p.
- \* 183. Some publications on corals. By Division of Fishery Biology. April 1946, 1 p.
- \* 184. The Chesapeake Bay soft crab industry. By Prentiss W. Evans. April 1946, 5 p. Superseded by FL 358.
- \* 185. Keeping quality of east coast crab meat in fiberboard containers and in tin cans. By S. R. Pottinger. May 1946, 4 p., 2 figs.
- \* 186. "Non-gilling" fish sorter. By Division of Game Fish and Hatcheries. May 1946, 2 p., 1 fig.
- \* 187. The oyster and the oyster industry in the United States. By Paul S. Galtsoff. March 1946, 9 p., 1 table.
- \* 188. The tuna industry of southern Spain. By T. E. A. Classen. July 1946, 28 p.
- \* 189. Icing of fish at sea. By Boris O. Knake. July 1946, 3 p., 2 figs.
  - 190. Turtle trapping. By Branch of Game-fish and Hatcheries. August 1951, 5 p., 3 figs.
  - 191. Wholesale dealers and producers of bait fish. December 1959, 5 p. By Branch of Game-fish and Hatcheries. Superseded by bait fish wholesale dealers and producers, by U.S. Department of Interior, Fish and Wildlife Service, published by Sport Fishing Institute, Washington, D. C., October 1952, 8 p.

- \* 192. Gloucester--three centuries a fishing port. By Homer Haberland. August 1946, 5 p., 7 figs.
- \* 193. Partial lists of dealers in goldfish, aquarium fishes, plants and accessories. By Branch of Game-fish and Hatcheries. May 1949, 5 p
- \* 194. Recipes for Pacific rockfish. By Kathryn L. Osterhaug. September 1946, 2 p.
  - 195. Partial list of manufacturers of fishing gear and accessories and vessel equipment. By Branch of Exploratory Fishing and Gear Research, Bureau of Commercial Fisheries. October 1959, 27 p.
- \* 196. Smoking of herring. By Norman D. Jarvis. July 1949, 10 p.
- \* 197. Fishery statistics. By C. E. Peterson. February 1952, 12 p.
- \* 198. Haddock (Melanogrammus aeglefinus). By Howard A. Schuck. September 1947, 10 p., 3 tables. Superseded by FL 489.
- \* 199. New rig for high opening otter trawl. By Division of Commercial Fisheries. October 1946, 1 p., 1 fig.
- \* 200. List of fishery leaflets 1-200. By Barbara B. Aller. January 1947, 13 p.
  - 201. Studies of the fecal streptococci. By Charles E. Winter and Leslie A. Sandholzer. October-November 1946, 9 p., 1 table.
- \* 202. Pacific salmon--succulent and savory. By Kathryn L. Osterhaug. August 1950, 6 p. [Reprinted from Better Food, vol. 52, no. 5, p. 26-27, 66.]
- \* 203. Quick-freezing technique. By H. W. Dunsford. June 1948, 5 p. [Reprinted from Modern Refrigeration, vol. 48, no. 573, p. 283-284.]
  - 204. A cardboard smokehouse. By Walter A. Rust. February 1954, 4 p., 3 figs.
- \* 205. Field method for determination of the oil content of fish livers. By F. Bruce Sanford, Manuel Cantillo, and Glenn C. Bucher. November 1946, 3 p.
- \* 206. Certain aspects of the German fishing industry. Report 1 Fish processing machinery. December 1946, 7 p. [Abstracted from Bios Final Report No. 493, Item No. 22.]
- \* 207. Certain aspects of the German fishing industry. Report 2 Quick freezing and cold storage of fish. December 1946, 7 p., 1 fig. [Abstracted from Bios Final Report No. 493, Item No. 22.]

- \* 208. Certain aspects of the German fishing industry. Report 3 Smoke curing of fish. December 1946, 5 p. [Abstracted from Bios Final Report No. 493, Item No. 22.]
- \* 209. Certain aspects of the German fishing industry. Report 4 The preservation of fish by canning and related processes. December 1946, 4 p. [Abstracted from Bios Final Report No. 493, Item No. 22.]
- \* 210. Certain aspects of the German fishing industry. Report 5 "Wiking Eiweiss." December 1946, 7 p. [Abstracted from Bios Final Report No. 493, Item No. 22.]
- \* 211. Certain aspects of the German fishing industry. Report 6 Institute for the utilization of fish of the federal fisheries agency. December 1946, 3 p. [Abstracted from Bios Final Report No. 493, Item No. 22.]
  - 212. A rapid test for vitamin A stability. By F. B. Sanford, R. W. Harrison, and M. E. Stansby. December 1946, 3 p., 3 figs.
  - 213. Wrapping materials for frozen fish. By Martin Heerdt, Jr. January 1947, 1 p., 1 fig.
- \* 214. Fish refrigeration. By J. M. Lemon. June 1948, 21 p., 6 figs., 9 tables. [Reprinted from Refrigerating Data Book, Applications Volume 1946, p. 15-29.]
- \* 215. Outlook for production, distribution, and marketing in the fisheries and related industries in 1947. A summary of factors bearing on the fisheries. By Division of Commercial Fisheries. March 1947, 21 p., 2 figs.
- \* 216. Diamond-back terrapin culture. By Samuel F. Hildebrand and Herbert F. Prytherch. March 1947, 5 p.
- \* 217. Aquatic plant control with 2, 4-D. By Eugene W. Surber. March 1947, 5 p., 1 table.
- \* 218. List of books on angling and fishery equipment. By Division of Gamefish and Hatcheries. October 1947, 7 p.
- \* 219. Recipes used in the fish cookery demonstrations, South Atlantic States. By Jean Burtis. March 1947, 3 p.
- \* 220. Glossary of Japanese fisheries terms. By Richard S. Croker. March 1947, 40 p. [Report No. 63, General Headquarters, Supreme Commander for the Allied Powers, Natural Resources Section, Tokyo, 1946.]
- \* 221. Temperature and fishes. By M. M. Ellis. April 1952, 4 p.

- \* 222. Disease control in hatchery fish. By Frederic F. Fish. March 1947, 10 p., 1 fig., 2 tables.
- \* 223. Commercial clams of the Pacific Coast of the United States. By V. L. Loosanoff. April 1947, 7 p.
- \* 224. Important products in the canned and frozen fish trade. By Division of Commercial Fisheries. April 1947, 17 p.
- \* 225. Gear used in the sea scallop fishery. By William F. Royce. April 1947, 5 p., 5 figs. Superseded by FL 442.
- \* 226. How oil and vitamin A are determined in fish livers. By F. B. Sanford and G. C. Bucher. June 1948, 3 p., 1 fig.
- \* 227. Fishing industry of Ecuador. By Hugo W. Alberts. April 1947, 5 p. [Report No. 97, American Consulate General, Guyaquil, Ecuador, November 1, 1946.]
- \* 228. Fisheries in St. Lucia, British West Indies. By Henry L. Taylor. April 1947, 2 p. [Report No. 54, American Consulate, St. George's, Grenada, British West Indies, March 27, 1947.]
- \* 229. Operation fisheries in Japan. April 1947, 8 p., 1 fig. [Address by Reginald H. Fiedler at the Fishery Products Conference of the National Canners Association in Convention at Atlantic City, N. J., January 20, 1947.]
- \* 230. The Japanese salmon industry. By Verne W. Broadbent. March 1947, 12 p., 10 figs., 8 tables. [Report No. 31, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo, 1946.]
- \* 231. The sea urchin fishery. By Leslie W. Scattergood. May 1947, 2 p. Superseded by FL 511.
  - 232. Fishery technology abstract card system. By M. E. Stansby and K. L. Osterhaug. October 1950, 20 p.
  - 233. The fish liver oil industry. By Charles Butler. March 1948, 104 p., 39 figs., 6 tables.
- \* 234. Japanese fishing gear. By John L. Kask, with the assistance of Yoshio Hiyama. May 1947, 107 p., 50 figs. [Report No. 71, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo, March 5, 1947.]
  - 235. The Kamloops rainbow trout. By Charles M. Mottley. May 1947, 3 p.

- \* 236. Fisheries education and research in Japan. By John L. Kask. May 1947, 26 p., 7 figs., 9 tables. [Report No. 37, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo, 1946.]
- \* 237. The calculation of the vitamin A potency of fish livers. By F. Bruce Sanford. July 1948, 2 p.
- \* 238. The sponge industry in Turkey. By Jean D. Brennan. May 1947, 3 p. [Report No. 26, American Embassy, Ankara, Turkey, March 5, 1947.]
  - 239. Fishery resources of Micronesia. By Robert O. Smith. May 1947, 46 p., 32 figs., 7 tables. Superseded by FL 273.
- \* 240. The Venezuelan salt-fish industries. By Milton J. Lobell and Joseph F. Puncochar, with a supplementary report: Studies on the control of "reddening" in salt-fish products by Joseph F. Puncochar and Francisca Arana. June 1947, iii + 81 p., 11 figs., 20 tables.
  - 241. Methods of net mending--New England. By Boris O. Knake. May 1947, 17 p., 41 figs.
- \* 242. A rapid method for determining the vitamin A potency of fish livers.

  By F. Bruce Sanford. June 1948, 2 p.
- \* 243. Aids for small business. By Branch of Commercial Fisheries, Educational and Market Development Section. April 1954, 6 p.
- \* 244. Conversion of selected Japanese weights and measures. June 1947, l p. [From Bulletin No. 5, Japanese Economic Statistics, January 1947, p. 43, Economic and Scientific Section, Research and Statistics Division, Supreme Commander for the Allied Powers.]
  - 245. Balloon trawl construction (Long Island type). By R. T. Whiteleather. April 1948, 3 p., 2 figs.
  - 246. The fresh-water mussel shell and button industry. By Raymond H. Wilson, Bureau of Commercial Fisheries. August 1957, 16 p., 5 tables.
- \* 247. Fish for breakfast--and why not? By Kathryn L. Osterhaug. June 1947, 4 p., 3 figs.
- \* 248. Japanese whaling in the Bonin Island area. (A preliminary report). By Bell M. Shimada. June 1947, 16 p., 11 figs. [Report No. 73, Natural Resources Section, General Headquarters, Supreme Commander of the Allied Powers, Tokyo, April 1947.]

No₊ Title

- \* 249. Natural resources of Japan (revised edition). June 1947, 60 p., 17 figs. [Report, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo, April 1947.]
- \* 250. Part 1 The Cuban shark industry. Part 2 Cuban Government fosters fishing cooperatives. By Joseph L. Martinez. July 1947, 27 p., 15 figs., 4 tables. [Reports No. 155 and No. 220, American Embassy, Habana, Cuba, April 17, 1947, and June 9, 1947.]
- \* 251. Gold Coast sea fisheries. By Robert B. Houston, Jr. August 1947, 7 p., 4 tables. [Report No. 12, American Consulate, Accra, Gold Coast, April 17, 1947.]
- \* 252. The decline and rehabilitation of the Southeastern Alaska herring fishery. By Lawrence N. Kolloen. July 1947, 13 p., 2 figs., 4 tables.
- \* 253. Manitoba's fresh water fishing industry. By Stewart E. McMillin, July 1947, 26 p., 9 tables. [Report No. 12, American Consulate General, Winnipeg, Canada, February 18, 1947.]
  - 254. List of fishery associations in the United States. By Bureau of Commercial Fisheries. August 1961, 13 p.
- \* 255. Fishery motion pictures (list of). By Educational Section, Branch of Commercial Fisheries. January 1949, 8 p. Superseded by FL 438.
- \* 256. Outlook for Newfoundland fisheries, 1947. By L. O. Sanderhoff. August 1947, 10 p. [Report No. 49, American Consulate General, St. John's, Newfoundland, July 10, 1947.]
- \* 257. State trading in Iceland with respect to its fisheries. By Joseph H. Rogatnick. August 1947, 5 p. [Report No. 22, American Legation, Reykjavik, Iceland, June 4, 1947.]
- \* 258. Retailing fish. By A. M. Sandberg. August 1947, 8 p., 8 figs.
  - 259. The fisheries and fishery resources of the Caribbean area. (A report of the Caribbean Fishery Mission of 1942). By Reginald H. Fiedler. Milton J. Lobell, and Clarence R. Lucas. September 1947, vi + 210 p., 11 figs., 13 tables. [Report, Office of Coordinator of Inter-American Affairs, August 1943.]
- \* 260. Mexican fishery legislation. By Milton J. Lindner. October 1947, iii + 131 p., 13 tables.
  - 261. A partial bibliography relating to agar. By Leonard S. Stoloff. August 1947, 20 p.
  - 262. Crab pot construction (Chesapeake Bay type). By Emmett Andrews. September 1947, 4 p., 3 figs.

- \* 263. The Japanese agar-agar industry. By Claude M. Adams. September 1947, 24 p., 19 figs., 9 tables. [Report No. 42, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo, June 28, 1946.]
- \* 264. Palatability of Pacific rockfish fillets. By R. Paul Elliott and Kathryn L. Osterhaug. September 1947, 5 p., 3 figs., 2 tables.
  - 265. Bibliography of the preservation of fishery products by freezing.

    Part 1 Period to January 1945 by Dorris Bucher, Martin Heerdt,

    Jr., and Kathryn Osterhaug. Part 2 Period of January 1945 to

    December 1947, inclusive, by John Dassow. September 1949, 88 p.
- \* 266. Fisheries of Uruguay. By Alfredo Comelli and DeWitt L. Stora. September 1947, 15 p. [Report No. 92, American Embassy, Montevideo, Uruguay, April 30, 1947.]
- \* 267. Sao Paulo fishing industry. By John F. Root. September 1947, 14 p. [General Report No. 131, American Consulate, Sao Paulo, Brazil, August 26, 1947.]
- \* 268. Japan's big fishing companies. By John L. Kask. September 1947, 23 p., 7 figs. [Preliminary Study No. 5, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo, March 13, 1947.]
- \* 269. Cod--the beef of the sea. By Rose G. Kerr. May 1951, 7 p.
  - 270. The electrostatic smoking of sardines. By William S. Hamm and Walter A. Rust. June 1948, 4 p., 1 fig.
- \* 271. Spanish fishing industry, 1946. By Mario A. Rey. September 1947, 8 p. [Report No. 3, American Consulate, Vigo, Spain, July 31, 1947.]
- \* 272. Volume and value of the catch of fish and shellfish landed at Malaga, 1946. By James G. Orn. October 1947, 3 p. [Report No. 11, American Consulate, Malaga, Spain, August 20, 1947.]
- \* 273. Survey of the fisheries of the former Japanese mandated islands. By Robert O. Smith. October 1947, vi + 105 p., 71 figs., 5 tables.
- \* 274. Evaluation of surface pH as a freshness index for fish fillets. By R. Paul Elliott. October 1947, 12 p., 7 figs., 1 table. [Reprinted from Food Research, vol. 12, no. 2, p. 87-98.]
- \* 275. Fish and shellfish canapes and hors d'oeuvres. By Norman D. Jarvis. March 1949, 8 p.
  - 276. The "bob" method of picking blue crabs. By Emmett Andrews. March 1948, 6 p., 14 figs.

- \* 277. Organizing and incorporating fishery cooperative marketing associations. By L. C. Salter; revised by R. A. Kahm. February 1948, 106 p., 14 figs.
  - 278. Freezing fish at sea. By J. M. Lemon and C. B. Carlson. January 1948, 11 p., 4 figs. [Reprinted from Refrigerating Engineering, vol. 54, no. 6, p. 527-530, 580-581.]
- \* 279. Japanese fisheries production, 1908-46 (a statistical report). By Ada V. Espenshade. January 1948, 40 p., 10 figs., 17 tables. [Report No. 95, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo.]
- \* 280. Ambergris. January 1948, 4 p. [Reprinted from Chemical Trade Journal and Chemical Engineer, vol. 74, no. 1929, p. 557-558.] Superseded by FL 517.
- \* 281. Ambergris in perfume extracts. By Victor Hasslauer. January 1948, 6 p. [Reprinted from Drug & Cosmetic Industry, vol. 61, no. 4, p. 458-460, 555-557.] Superseded by FL 517.
- \* 282. The blue crab, Callinectes sapidus. By Division of Fishery Biology. January 1948, 3 p., 1 fig.
  - 283. Mexican fishery law of December 31, 1949. Translated by Milton J. Lindner and Rae Kaplan. January 1950, 17 p.
- \* 284. Cuban frog leg industry. By Joseph L. Martinez. January 1948, 4 p., l table. [Report No. 66, American Embassy, Habana, Cuba, February 14, 1946.]
- \* 285. Rosefish recipes. By Rose G. Kerr, Dorothy M. Robey, Sarah P. Weems, and Jean M. Burtis. February 1948, 4 p.
- \* 286. Steps in the handling of frozen fish in the freezer warehouse. By J. M. Lemon. February 1948, 8 p., 2 figs., 3 tables. [Reprinted from Food Freezing, vol. 2, no. 9, p. 606-608, 642-643, 645.]
- \* 287. Per capita consumption of fish only 13.3 pounds (1935). By Fred F. Johnson. May 1948, 5 p.
- \* 288. The (Japanese) fishing industry. March 1948, 5 p. [Publications Analysis No. 93, Civil Information and Education Section, Analysis and Research Division, General Headquarters, Supreme Commander for the Allied Powers, February 18, 1947.]
- \* 289. Preliminary report on sampling of fish livers. By G. C. Bucher, W. S. Hamm, F. B. Sanford, and W. Clegg. February 1948, 4 p., 5 tables.

290. Distribution of oil and vitamin A in fish livers. By Glenn C. Bucher, William Clegg, and F. Bruce Sanford. February 1948, 3 p., 2 figs.

- \* 291. Trotline construction, operation, and maintenance (Chesapeake Bay type). By Emmett Andrews. July 1948, 5 p., 10 figs.
  - 292. List of fishery cooperatives in the United States. By Leslie D. McMullin, Bureau of Commercial Fisheries. August 1961, 15 p.
  - 293. List of fishermen's and fish shore workers' unions in the United States. By Bureau of Commercial Fisheries. August 1961, 8 p.
- \* 294. Cuba's spiny lobster industry. By Joseph L. Martinez. January 1948, 19 p., 13 figs., 5 tables. [Report No. 188, American Embassy, Habana, Cuba, May 17, 1946.]
  - 295. Chemical composition of some canned fishery products. By Ray Treichler, Charles F. Lee, and Norman D. Jarvis. March 1948, 7 p., 4 tables.
- \* 296. A method for evaluation of the nutritive value of a protein. A comparison of broiled and pan-fried striped bass fillets. By Hugo W. Nilson, William A. Martinek, and Dorothy B. Darling. July 1948, 15 p., 5 tables.
- \* 297. The Japanese tuna fisheries. By Sidney Shapiro. April 1948, 60 p., 22 figs., 21 tables. [Report No. 104, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo, March 1948.]
  - \* 298. Employment possibilities in the Alaskan fishing industry. By Fred W. Hipkins. July 1955, 5 p., 1 table.
  - \* 299. Legislation for the protection of the Alaska fur seal herd. By Ralph C. Baker. April 1948, 9 p.
  - \* 300. List of Fishery Leaflets 201-300. By Barbara B. Aller. October 1948, 9 p.
  - \* 301. Suggestions for operators of tuna receiving ships. By Carl B. Carlson. April 1948, 14 p., 2 figs., 1 table.
  - \* 302. Kite rigs for otter trawl gear. By R. T. Whiteleather. May 1948, 7 p., 5 figs.
  - \* 303. The Economic Cooperation Administration and the fishery industries. By Richard A. Kahn. May 1948, 11 p.

- \* 304. Part 1 Fish of the Persian and Oman Gulfs, by H. G. Bolster.
  Part 2 Edible fish in the Persian Gulf, by Robert R. Schott. May
  1948, 8 p. [Part 1 from Report No. Ag. 52, American Embassy,
  Tehran, Iran, December 31, 1947. Part 2 from Report No. 8, American Consulate, Basra, Iraq, March 27, 1948.]
- \* 305. Guano Islands, Union of South Africa. By John C. Fuess. May 1948, 6 p. [Report No. 12, American Consulate General, Capetown, South Africa, February 11, 1948.]
- \* 306. Strength measurement of agar gels. By Leonard S. Stoloff. April 1948, 32 p., 5 figs., 12 tables.
  - 307. Syneresis of agar gels. By Leonard S. Stoloff. May 1948, 12 p., 3 figs., 5 tables.
  - 308. The Cuban fishing industry. By Joseph L. Martinez. March 1948, 67 p., 18 figs., 5 tables. [Report No. 372, American Embassy, Habana, Cuba, September 20, 1946.]
- \* 309. Japanese sponge culture experiments in the South Pacific Islands. By A. R. Cahn. July 1948, 9 p., 6 figs. [Preliminary Study No. 24, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo.]
  - 310. Production of edible fish in the Red Sea. By Enoch S. Duncan. June 1948, 6 p. [Report No. 42, American Embassy, Cairo, Egypt, February 12, 1948.]
- \* 311. Textbook of pond culture, rearing and keeping of carp, trout and allied fishes. By Wilhelm Schaeperclaus, Berlin, Parey, 1933. No date. 260 p., 71 figs., 24 tables. Translated from the German by Frederick Hund.
- \* 312. Smoking shrimp. By Leo Young. July 1948, 3 p., 3 figs.
- \* 313. The Economic Cooperation Program as it affects the fishery industries. Sixty questions and answers. By Richard A. Kahn and Harry E. Timmis. September 1948, 9 p.
- \* 314. Canned crab industry of Japan. By A. R. Cahn. August 1948, 50 p., 17 figs., 9 tables. [Report No. 109, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo, July 26, 1948.]
  - 315. Aquarium construction in the home workshop. By Branch of Gamefish and Hatcheries. April 1953, 5 p.
- \* 316. S.S. Pacific Explorer. Part 3 Below deck arrangements and refrigeration equipment. By Carl B. Carlson. August 1948, 39 p., 21 figs., 1 table.

- \* 317. The Japanese long-line fishery for tunas. By Sidney Shapiro. November 1950, 26 p., 16 figs.
- \* 318. Notes on shrimp fishing along the New England coast. By Lionel A. Walford. September 1948, 8 p., 3 figs.
- \* 319. The shrimp and the shrimp industry of the South Atlantic and Gulf of Mexico. By Branch of Fishery Biology. September 1948, 5 p., 1 fig. Superseded by FL 472.
- \* 320. Rosefish cookery a demonstration manual. By Sarah P. Weems. October 1948, 18 p.
  - 321. An improved method of glazing fish for locker storage. By S. R. Pottinger. January 1951, 3 p., 1 table. [Reprinted from Quick Frozen Foods and the Locker Plant, vol. 13, no. 4, p. 120, 122.]
- \* 322. Fishery industries of Alaska and their administration. By C. Howard Baltzo and Donald W. Erickson. October 1948, 8 p.
  - 323. Snails. By Branch of Game-fish and Hatcheries. October 1948, 7 p.
- \* 324. Packaging frozen fishery products. By S. R. Pottinger. November 1948, 10 p., 4 figs., 2 tables.
- \* 325. The nutrition of fish in hatcheries a literature review. By Neva Karrick. November 1948, 23 p.
- \* 326. S.S. Pacific Explorer. Part 4 Personnel and the movement of materials. By Carl B. Carlson. November 1948, 26 p., 14 figs., 4 tables.
- \* 327. The fishing industry and the market for fish in Sweden. By Georg Frostenson. December 1948, 6 p., 7 tables. [Report No. 475, American Consulate, Stockholm, Sweden, October 6, 1948.]
  - 328. Fishing industry of the Gulf of Aden (Arabia). By Robert E. Ferris. January 1949, 5 p. [Report No. 4, American Consulate, Aden, Arabia, June 7, 1948.]
- \* 329. Fishing industry of Brazil. By Jack E. Conner. September 1948, 42 p., 5 figs., 13 tables. [Report No. 202, American Embassy, Rio de Janeiro, Brazil, June 3, 1948.]
- \* 330. Experimental fishing trip to Bering Sea. By Joseph E. King. March 1949, 13 p., 14 figs., 1 table.
- \* 331. Culture of daphnia. By Eugene W. Surber. January 1949, 7 p., 1 table.
- \* 332. Recording color changes in frozen pink salmon. By John A. Dassow and Maurice E. Stansby. January 1949, 8 p., 3 figs.

- \* 333. Aquatic resources of the Ryukyu area. By Sidney Shapiro. February 1949, 54 p., 14 figs., 13 tables. [Report No. 117, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo, December 1948.]
- \* 334. The effect of a seafood diet on the red cell count, hemoglobin value, and hematocrit of human blood. By Shirley J. Wilson. January 1949, 24 p., 7 tables.
- \* 335. Studies of bacteriological agar. 1. Physical and chemical properties, by Leonard S. Stoloff and Charles F. Lee. 2. Bacteriological studies, by Leslie A. Sandholzer, Margaret E. Dean, William Arcisz, and Martha C. Bradley. March 1949, 41 p., 12 figs., 12 tables.
  - 336. Commercial fisheries outlook, April-June 1962. By Bureau of Commercial Fisheries. April 1962, 4 p.
- \* 337. Keeping live shrimp for bait. By Branch of Fishery Biology. April 1949, 2 p. Superseded by FL 480.
- \* 338. Fishery regulations of Venezuela including a section on import duties for products connected with the fishing industry. Translated by R. O. Smith. April 1949, 26 p.
- \* 339. The Mexican fisheries industry. By Alan E. Hool. March 1949, 21 p. [Report No. 780, American Embassy Mexico, D. F., Mexico, December 31, 1948.]
- \* 340. Contribution to the biology of the king crab (Paralithodes camtschatica Tilesius). By M. Marvin Wallace, Camile J. Pertuit, and Arthur R. Hvatum. April 1949, 50 p., 12 figs., 14 tables.
- \* 341. The sponge fishing industry in Libya (Africa). By Henry T. Van Buren. April 1949, 7 p., 4 tables. [Report No. 3, American Consulate, Tripoli, Libya, February 1, 1949.]
  - 342. Report of Alaska exploratory fishing expedition, fall of 1948, to northern Bering Sea. By J. G. Ellson, Boris Knake, and John Dassow. June 1949, 25 p., 19 figs., 1 table.
- \* 343. Floating trawls. By William S. Krason. June 1949, 5 p., 9 figs. [Report No. 20, American Consulate, Reykjavik, Iceland, May 17, 1949.]
- \* 344. Control of aquatic plants in ponds and lakes. By Eugene W. Surber. July 1949, 20 p., 6 figs., 4 tables.
- \* 345. Whale and fish oils (Iceland). By William S. Krason. May 1949, 13 p., 4 tables. [Report No. 4, American Consulate, Reykjavik, Iceland, January 31, 1949.]

- \* 346. U.S. special mission reviews Japanese fisheries situation. June 1949, 12 p. [In Weekly Summary, May 22-28, 1949 (Report No. 189, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo).]
- \* 347. Growth of South African fisheries. By John C. Fuess. June 1949, 10 p. [Report No. 69, American Consulate, Capetown, South Africa, October 8, 1948.]
- \* 348. German commercial electrical fishing device. By Robert B. Houston, Jr. December 1949, 16 p., 3 figs., 1 table. [Report No. 11, American Consulate, Bremerhaven, Germany, June 24, 1949.] Supplement by Herbert Peglow, W. Denzer, Kurt Schubert, and W. Reichert.
- \* 349. Fishing and fisheries (Brazil). July 1949, 12 p. [Excerpted from the Report of the Joint Brazil-United States Technical Commission, Publication 3847, International Organization and Conference Series 2, American Republics 5, Division of Publications, Department of State.]
- \* 350. The use of rotenone as a fish poison. By Branches of Fishery Biology and Game-fish and Hatcheries. August 1949, 8 p., 2 figs.
- \* 351. Tuna trolling in the Line Islands in the late spring of 1950. By Donald H. Bates, Jr. October 1950, 32 p., 9 figs., 2 tables.
- \* 352. United States per capita consumption of fishery products. By Harry Sherr, Edward A. Power, Richard A. Kahn, and others. September 1949, 10 p., 6 figs., 2 tables. [Excerpted from article, "Supply and distribution of fishery products in the continental United States, 1930-47," which appeared in National food situation, July-September 1948.]
- \* 353. "Little tuna" of the Atlantic and Gulf coasts. By Cyrus H. Chilton. December 1949, 5 p., 1 fig. [Reprinted from Southern Fisherman, vol. 9, no. 10, p. 48-49, 154.]
  - 354. Reef fishing in the Philippines. By Agustin F. Umali and Herbert E. Warfel. December 1949, 28 p., 8 figs., 4 tables.
- \* 355. The trouts of North America; general remarks on classification. By Samuel F. Hildebrand. March 1955, 13 p.
- \* 356. Fisheries of New Brunswick (Canada). By Lewis Dean Brown. December 1949, 26 p., 17 tables. [Report No. 12, American Consulate, Saint John, N. B., Canada, March 15, 1949.]
- \* 357. Pearl culture in Japan. By A. R. Cahn. November 1949, 91 p., 23 figs., 7 tables. [Report No. 122, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo, October 31, 1949.]

- \* 358. The Chesapeake Bay crab industry. By James Wharton. September 1954, 17 p., 8 figs.
  - 359. Manufacturers of equipment for the fish processing industries (a partial list). By Branch of Commercial Fisheries. December 1953, 6 p.
- \* 360. Sea lampreys of the Atlantic coast and Great Lakes. By Lola Tidwell Dees. February 1950, 4 p., 2 figs. Superseded by FL 384.
- \* 361. S.S. Pacific Explorer. Part 5 1948 operations in the North Pacific and Bering Sea. By Norman B. Wigutoff and Carl B. Carlson. January 1950, 161 p., 51 figs., 11 tables.
- \* 362. Sources of information concerning the commercial fisheries. By Ruth V. Keefe. January 1952, 23 p.
  - 363. Egyptian fisheries. By John Panos and Quincy F. Roberts. January 1950, 12 p., 5 tables. [Report No. 95, American Consulate, Alexandria, Egypt, December 6, 1949.]
- \* 364. The mussel resources of the North Atlantic region. Part 1--The survey to discover the locations and areas of the North Atlantic mussel-producing beds. By Leslie W. Scattergood and Clyde C. Taylor. January 1950, 34 p., 11 figs., 12 tables.
  - 365. Sales patterns for fresh and frozen fish and shellfish, 1936 and 1946. By R. A. Kahn and W. H. Stolting. December 1949, 101 p., 15 figs., 4 tables.
- \* 366. Identification of the commercial common shrimp species. By Carter Broad. February 1950, 4 p., 10 figs.
- \* 367. The codfish industry in northern Portugal. By Randall T. Klein, Jr. February 1950, 23 p., 9 tables. [Report No. 26, American Consulate, Oporto, Portugal, October 10, 1949.]
- \* 368. The shrimp fishery of the southern United States. By W. W. Anderson, M. J. Lindner, and J. E. King. March 1950, 17 p., 14 figs., 3 tables. Superseded by FL 472.
- \* 369. Exploratory fishing expedition to the northern Bering Sea in June and July, 1949. By J. G. Ellson, Donald E. Powell, and Henry H. Hildebrand. March 1950, 56 p., 23 figs., 5 tables.
  - 370. Utilization of fishery by-products in Washington and Oregon. By F. Bruce Sanford. March 1950, 24 p., 3 figs., 12 tables.
  - 371. Japanese whaling industry prior to 1946, By William M. Terry. January 1951, 47 p., 20 figs., 19 tables. [Report No. 126, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo, March 1, 1950.]

- \* 372. Report on the fisheries industry in the Republic of Korea. April 1950, 37 p., 1 fig., 15 tables. By Director, Food and Agriculture Division, Economic Cooperation Administration, Mission to Korea, December 1949.
  - 373. Atlantic coast mackerel purse seine. By Boris O. Knake. July 1950, 9 p., 6 figs.
  - 374. Freezing and canning king crab. By John A. Dassow. May 1950, 9 p.
- \* 375. A survey of the commercial fishery possibilities of Seward Peninsula area, Kotzebue Sound, and certain inland rivers and lakes in Alaska. By Norman B. Wigutoff and Clarence J. Carlson. May 1950, 24 p., 3 figs., 3 tables.
- \* 376. Albacore tuna exploration in Alaskan and adjacent waters, 1949. By Donald E. Powell and Henry H. Hildebrand. May 1950, 33 p., 15 figs.
- \* 377. Cosmopolitan fish cookery for the Philippines. By Arthur C. Avery. No date. 77 p., 86 figs.
  - 378. Forrajes y alimentacion de la trucha. By A. V. Tunison. June 1950, 27 p., 4 figs., 9 tables. [In Spanish.]
- \* 379. New England sink gill net. By Boris O. Knake. August 1950, 10 p., 10 figs.
- \* 380. Byproducts of the Government-operated Alaska fur-seal industry. By Ralph C. Baker. July 1950, 5 p., 2 tables.
- \* 381. Fisheries of France. By Richard C. Desmond. July 1950, 18 p., 14 tables. [Report No. 225, American Consulate, Paris, February 10, 1950.]
- \* 382. Mesh size and construction as a factor in releasing small fish and shrimp from trawl nets. By Eugene W. Roelofs. September 1950, 11 p., 9 figs., 5 tables.
- \* 383. Oyster culture in Japan. By A. R. Cahn. October 1950, 80 p., 40 figs., 30 tables. [Report No. 134, Natural Resources Section, Supreme Commander for the Allied Powers, Tokyo, September 1950.]
- \* 384. The sea lamprey in the Great Lakes. By Vernon C. Applegate. October 1950, 11 p., 4 figs., 3 tables. Superseded by FL 491.
  - 385. The exploratory fishing vessel John N. Cobb. Part 1 -- Description of vessel, by J. G. Ellson. Part 2 -- John N. Cobb uses new rig for slow-speed trolling, by Sheldon W. Johnson. October 1950, 11 p., 12 figs.
- 386. Pacific salmon drift gill netting. By Norman B. Wigutoff. April 1951, 6 p., 10 figs.

- 387. Commercial salmon trolling. By Norman B. Wigutoff. December 1950, 8 p., 20 figs.
- \* 388. The Japanese albacore fishery of the north central Pacific. By W. G. Van Campen and B. M. Shimada. February 1951, 6 p., 2 figs. [Reprinted from Pacific Fisherman, vol. 48, no. 12, p. 29, 31, 33.]
- \* 389. Japanese offshore trawling. By Francois Bourgois. February 1951, 60 p., 31 figs., 22 tables. [Report No. 138, Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, Tokyo, December 1950.]
- \* 390. Fishery resources of Turkey. By Bertha Carp. May 1951, 24 p., 9 figs., 4 tables. [Reports 32 and 63, American Consulate General, Istanbul, Turkey, April 7 and May 31, 1949.]
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  - 394. Gulf of Mexico shrimp trawl designs. By Harvey R. Bullis. September 1951, 16 p., 12 figs.
- \* 395. A program for Japanese coastal fisheries. By William C. Herrington. June 1951, 71 p., 3 figs. [Report No. 48, Natural Resources Section, Supreme Commander for the Allied Powers, Tokyo, May 1951.]
- \* 396. The fisheries of Indonesia. By R. H. Fiedler. July 1951, 60 p., 14 figs., 11 tables.
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- \* 398. Some publications on game-fish and sport fishing. By Branch of Game-fish and Hatcheries. November 1951, 6 p. Superseded by FL 444.
- \* 399. Clam culture in Japan. By A. R. Cahn. November 1951, 103 p., 39 figs., 27 tables. [Report No. 146, Natural Resources Section, Supreme Commander for the Allied Powers, Tokyo, September 1951.]
- \* 400. List of Fishery Leaflets 301-400. By Fish and Wildlife Service. July 1954, 5 p.
  - 401. Crawfish control methods. By Branch of Game-fish and Hatcheries. June 1952, 2 p.

- \* 402. North Pacific albacore tuna exploration, 1950. By Donald E. Powell, Dayton L. Alverson, and Robert Livingstone, Jr. April 1952, 56 p., 42 figs., 7 tables.
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- \* 413. Common or local names of commercial fish and shellfish of Alaska. By Norman B. Wigutoff. October 1953, 4 p.
- \* 414. S.S. Pacific Explorer, factory ship (a preliminary description). July 1953, 161 p., 90 figs., 17 tables. [This leaflet is a combination of the following previous reports on the S.S. Pacific Explorer: Separate No. 161, A preliminary description; FL 301, Suggestions for operators of tuna receiving ships; FL 316, Below deck arrangements and refrigeration equipment; FL 326, Personnel and the movement of materials; and FL 361, 1948 Operations in the North Pacific and Bering Sea.]

- 415. Pasteurization of crab meat. By J. V. Anzulovic and R. J. Reedy. February 1954, 7 p., 3 tables.
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- \* 420. Florida's red tide problem. By Edna N. Sater. November 1954, 11 p. Superseded by FL 434.
- \* 421. United States foreign trade in edible fishery products, 1949-53. By Arthur M. Sandberg and Ruth L. Dunavant. October 1954, 44 p.
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- 430. Preparation, freezing, and cold storage of fish, shellfish, and precooked fishery products. Refrigeration of fish part four. By John A. Dassow (Section 1), S. R. Pottinger (Section 2), and John Holston (Section 3). 1956, 124 p., 54 figs., 2 tables.
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- \* 435. Major commercial fisheries with data on research expenditures. A series of statistical tables. By Fish and Wildlife Service. May 1956, 20 p.
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- 533. Bibliography of publications of the Branch of Technology.

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- 558. Index of publications by the Branch of Technology, Bureau of Commercial Fisheries, 1955-59, inclusive. By F. Bruce Sanford and Helen E. Plastino. April, 1964, iii + 28 p.
- 559. Instructions for typing manuscripts to be printed at the Government Printing Office (with exceptions for manuscripts to be processed). By Bureau of Commercial Fisheries. September 1963, 8 p.
- 560. Author index of publications, addresses, and translations 1962, Bureau of Commercial Fisheries, Branches of Economics
  and Technology. By F. Bruce Sanford, Kathryn L. Osterhaug,
  and Helen E. Plastino. April 1964, 11 p.
- 561. List of Fish and Wildlife Service papers on physical and chemical oceanography, 1940-62. By Lola T. Dees, March 1964, 14 p.

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- 566. Bacterial kidney disease of salmonid fishes (Revised). By Ken Wolf, March 1964, 4 p.,
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