



Recent publications of interest to the commercial fishing industry are listed below.

FISH AND WILDLIFE SERVICE PUBLICATIONS

THESE PUBLICATIONS ARE AVAILABLE FREE FROM THE DIVISION OF INFORMATION, FISH AND WILDLIFE SERVICE, DEPARTMENT OF THE INTERIOR, WASHINGTON 25, D. C. TYPES OF PUBLICATIONS ARE DESIGNATED AS FOLLOWS:

- CFS - CURRENT FISHERY STATISTICS OF THE UNITED STATES AND ALASKA.
 FL - FISHERY LEAFLETS.
 MDL - MARKET DEVELOPMENT SECTION LISTS OF DEALERS, LOCKER PLANTS, ASSOCIATIONS, ETC.
 SL - STATISTICAL SECTION LISTS OF DEALERS IN AND PRODUCERS OF FISHERY PRODUCTS AND BYPRODUCTS.
 SEP. - SEPARATES (REPRINTS) FROM COMMERCIAL FISHERIES REVIEW.

Number	Title
CFS-438	- Alaska Fisheries, 1947, Annual Summary
CFS-468	- Chesapeake Fisheries, 1946, Annual Summary
CFS-469	- New York Fisheries, 1946, Annual Summary
CFS-470	- Massachusetts Landings, February 1949
CFS-471	- Frozen Fish Report, May 1949
CFS-472	- Massachusetts Landings, 1948, Annual Summary
CFS-473	- Maine Landings, March 1949
CFS-474	- Fish Meal and Oil, April 1949
CFS-475	- Massachusetts Landings, March 1949
CFS-476	- Imports and Exports, 1944 to 1948, Annual Summary
CFS-477	- Frozen Fish Report, June 1949
CFS-479	- Maine Landings, April 1949
FL-128	(Revised) - Refrigerated Locker Storage of Fish and Shellfish
FL-254	(Revised) - List of Fishery Associations in the United States and Alaska
FL-339	- The Mexican Fisheries Industry
FL-340	- Contribution to the Biology of the King Crab
FL-341	- The Sponge Fishing Industry in Libya (Africa)
FL-346	- U. S. Special Mission Reviews Japanese Fisheries Situation
SL-21	(Revised) - Wholesale Dealers in Fishery Products, California
SL-102	(Revised) - Firms Canning Sardines and Sea Herring, 1948
SL-103	(Revised) - Firms Canning Tuna and Tunalike Fishes, 1948
SL-104	(Revised) - Firms Canning Mackerel, 1948

Sep. 231 - Fishery Exploration in the Hawaiian Islands (Aug. to Oct. 1948, by the Vessel Oregon of the Pacific Exploration Company)

Sep. 232 - Receipts of Fishery Products at Seattle, 1948

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Observations on Gonad Development, Spawning and Setting of Oysters and Starfish in Long Island Sound, Bulletin No. 4, vol. 13, June 15, 1949, 3p., mimeo., free. Available upon request from Fishery Biological Laboratory, Fish and Wildlife Service, Milford, Conn. First of a series of special bulletins issued periodically each oyster season for information of oyster growers on conditions existing in the oyster-producing section of Long Island Sound. The bulletins will offer information on the accumulation of spawn in the oysters, beginning of spawning, numbers of oyster larvae, occurrence of first oyster set, and intensity of oyster set during the entire summer. Similar observations will be made on starfish.

ARTICLES BY FISH AND WILDLIFE SERVICE AUTHORS IN OTHER PUBLICATIONS

"Early Stages in the Life History of the Common Marine Shrimp, Penaeus setiferus (Linnaeus)," by William W. Anderson, Joseph E. King, and Milton J. Lindner. The Biological Bulletin, April 1949, vol. 96, no. 2, pp. 168-72. Marine Biological Laboratory, Woods Hole, Mass., \$1.75 per issue. The purpose of this report is to assemble information concerning the early stages in the life history of the shrimp, Penaeus setiferus (Linnaeus), which supports the most valuable commercial fishery of the South Atlantic and Gulf of Mexico regions of the United States.

"Notes on the Little Piked Whale," by Leslie W. Scattergood, The Murrelet, January-April, 1949, vol. 30, no. 1, pp. 3-16. Pacific Northwest Bird and Mammal Society, Washington State Museum, University of Washington, Seattle, Wash., 95 cents per issue. In this report, the author supplements the data of Scheffer and Slipp (1948) and summarizes the knowledge of this species.

"Pacific Oceanic Fishery Investigations," by Oscar E. Sette, Copeia, April 15, 1949, no. 1, pp. 84-5. American Society of Ichthyologists and Herpetologists, Museum of Zoology, University of Michigan, Ann Arbor, Mich. (No reprints available.) A historical summary of the activities of the Pacific Oceanic Fishery Investigations to date and its purpose.

MISCELLANEOUS PUBLICATIONS

THE FOLLOWING PUBLICATIONS MAY BE OBTAINED, IN MOST INSTANCES, FROM THE AGENCIES ISSUING THEM.

The Clam Situation in South Carolina, by G. Robert Lunz, Contributions from Bears Bluff Laboratories No. 6, 7 p., printed. Bears Bluff Laboratories, Wadmalaw Island, South Carolina, June 1949. This bulletin gives the production, value, and demand for South Carolina clams. It discusses briefly the South Carolina laws dealing with clam production, and concludes with certain recommendations for the clam fishery.

Food Consumption of Urban Families in the United States Spring 1948, 1948 Food Consumption Surveys, Preliminary Report No. 5, 34 p., processed, free. Bureau of Human Nutrition and Home Economics, Agricultural Research Administration, U. S. Dept. of Agriculture, Washington 25, D. C., May 30, 1949. This is the fifth of a series of preliminary reports on studies of family food consumption to estimate present and potential family utilization of agricultural (including fishery) products and to obtain information on the nutritive content of diets in postwar United States. Almost 1,600 housekeeping families of two or more persons living in 68 cities with population of 2,500 or more gave information on their food consumption during one week in (April-June) 1948. One table includes the average quantity and expense for purchases of fish and shellfish used at home per household per week, and percentage of households using these commodities by annual income class. Fish were divided into the following categories: fresh, canned salmon, other canned fish, smoked and cured fish; and shellfish into the following: fresh and frozen in shell, fresh and frozen shelled, canned and cooked shellfish.

Information for American Business-men on the Marshall Plan, 32 p., printed, free. Economic Cooperation Administration, Washington, D. C., July 1949. One section of this booklet outlines ECA's procedure in providing dollar credits for European economic recovery. Other sections include names and addresses of foreign government purchasing missions procuring goods with ECA financing, with lists of commodities and services procured; names and addresses of foreign government missions engaged in the administrative details of the Marshall Plan, but doing no buying; a list of U. S. Government agencies which upon occasion have purchased commodities with ECA financing, together with a list of commodities procured; a chapter on "The Prospective Exporter;" and a list of "Some Basic Information Sources" for prospective exporters.

"Newfoundland's Fisheries," article, Fisheries Department Trade News, April 1949, vol. 1, no. 10, pp. 9-16. Director of Information, Department of Fisheries, Ottawa, Canada. This article presents a review of the production and marketing structure of the fisheries of Newfoundland. The 1948 data are given as far as they are available. It concentrates on analyzing the impact of Newfoundland's entry as the tenth province on Canadian fisheries production and trade.

Oyster Culture in Florida, by Robert M. Ingle and F. G. Walton Smith, Educational Series No. 5, 22 p., illus., printed, free. Division of Oyster Culture, Florida Board of Conservation, Tallahassee, Fla., 1949. The objective of this booklet is to provide the information necessary for the successful development of the oyster industry throughout the State of Florida. It contains information on the life of the oyster, the oyster industry, oyster cultivation, and a section giving data on the food value of the oysters with recipes for cooking them.

Principles of Food Freezing, by Willis A. Gortner, Frederick S. Erdman, and Nancy K. Masterman, 297 p., printed, illus., \$3.75. John Wiley & Sons, Inc., New York, N. Y., 1948. This book deals with all aspects involved in freezing from the raw materials to the finished products. It emphasizes the principles which underlie the handling of the various foods, including fishery products; explains the biochemical and nutritional aspects concerned in the freezing, storage, and cooking processes; and deals with the engineering principles involved in the construction and operation of the equipment. The material presented is divided into three general sections: I. The Product: Frozen Food; II. The Consumer and His Needs; III. The Engineering of Food Freezing.

The Red Tide, Educational Series No. 1, 14 p., illus., free. Marine Laboratory, University of Miami, Coral Gables, Fla. Florida State Board of Conservation, Tallahassee, Fla., 1948. This booklet discusses the red tide of 1946-47, its effects, its causes, when and where it is likely to return, what can be done to combat it, and the steps that can be taken to prevent or alleviate future attacks.

Regional Consumption of Fish in Canada, by W. Van Vliet and W. E. Snaith, 71 p., processed. Economics Division, Department of Fisheries, Ottawa, Canada, March 1949. This is an extensive study which attempts to bring out some of the differences in fish consumption between classified regions in Canada. It measures statistically the consumption of the major species of fishery products in various regions of Canada; points out the relationships existing between consuming areas relative to: (1) the intensity of consumption, (2) the impact of fish producing areas, and (3) the importance of the major species and forms of species; and indicates some of the major factors that influence the differences in consumption between regions.

Report of the Joint Brazil-United States Technical Commission (with appendixes), Publication 3487, International Organization and Conference Series II, American Republics 5, 328 p., printed, \$1.00. Department of State, Washington, D. C., June 1949. (For sale by the Superintendent of Documents, Washington, D. C.). The Commission was created by authority of President Truman and President Dutra pursuant to the request of Brazil for the assistance of technicians of the United States Government to collaborate with technicians of the Brazilian Government in an analysis of the factors in Brazil which tend to promote or retard the economic development of the country. The Commission has completed its task and submitted this report. Brazil's fisheries, in addition to agriculture, transportation, and other subjects, were studied by the Commission. A sub-Commission drew up a long-range fisheries program with a goal for a three-fold increase in the production and distribution of fresh, canned and salted fish. This program envisages operation of an expanded fishing fleet, of receiving ports, and of refrigerated transportation and marketing facilities, with Government financial aid and supervision. It includes also technical and educational work to promote the sound development of the fishing industry.

The Sea Fishes of Southern Africa, by J. L. B. Smith, 720 p., illus., with charts and color plates, printed, £2 12s 6d (approx. \$10.50). Central News Agency, Ltd., Johannesburg, South Africa. A comprehensive and critical scientific revision of the marine fishes of South Africa. The book contains a key for identifying any fish found in the area covered.

Studies on the Biology of the Cod in Greenland Waters, by Paul M. Hansen, 83 p., illus., in English, with a summary in Danish. Bianco Lunos Bogtrykkeri, Copenhagen, Denmark. This work, a summary of what is known at present regarding the biology of the cod in Greenland waters, is based on continuous investigations over several years undertaken by the Greenland Administration; the marking experiments in collaboration with "Kommissionen for Danmarks Fiskeri-og Havundersøgelser." The principal subjects dealt with are: the occurrence of cod in Greenland waters, the influence of temperature and currents on migration of cod, and fluctuations in the occurrence of cod. It deals at length with spawning habits, numerical characteristics (number of vertebrae and rays), growth and development of the cod, marking experiments, feeding habits, etc.

Tagging Experiments on the Pacific Mackerel (Pneumatophorus diego), by Donald H. Fry, Jr., and Phil M. Roedel, Fish Bulletin 73, 64 p., illus., printed. California Bureau of Marine Fisheries, Division of Fish and Game, San Francisco, Calif., 1949. This report gives a summarization of the Pacific mackerel fishing methods and tagging techniques.

Tide Tables West Coast North and South America (Including the Hawaiian Islands), 1950, 206 p., printed, 25 cents. Coast and Geodetic Survey, U. S. Department of Commerce, Washington, D. C., 1949. This publication contains full daily predictions for 37 reference ports and differences and constants for about 1,000 stations in North America, South America, and the Hawaiian Islands. It also has a table for obtaining the height of the tide at any time, a table of local civil time of sunrise and sunset for every fifth day of the year for different latitudes, or moonrise and moonset for 5 places, and a table of the Greenwich civil time of the moon's phases, apogee, perigee, greatest north and south and zero declination, and the time of the solar equinoxes and solstices.

Trawling Gear in California, by W. L. Scofield, Fish Bulletin No. 72, 60 p., illus., printed. California Bureau of Marine Fisheries, Division of Fish and Game, San Francisco, Calif., 1948. Describes in detail the trawling gear used in California and gives an account of the development of the otter-trawl fishery.

"Whale Oil Production in 1948-49 Approximates Last Season's Level," article, Foreign Crops and Markets, May 16, 1949, vol. 58, no. 20, pp. 476-78, free. Office of Foreign Agricultural Relations, Department of Agriculture, Washington 25, D. C. Summarizes the data on the production of whale oil in 1948-49. Compares Southern Hemisphere production by countries with previous seasons and gives the equipment used in the 1948-49 season in Antarctic whaling by countries and type of equipment.

Whale Oil: World Production and Trade, FFC-10-49, 10 p., mimeo., free. Office of Foreign Agricultural Relations, Department of Agriculture, Washington 25, D. C., June 2, 1949. Discusses the world production of whales and oil and trade in whale oil by countries; types and uses of whale oil; and exports by specified countries. Also contains an outlook summary.

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