

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-442	- Massachusetts Landings, July 1948
CFS-450	- Frozen Fish Report, January 1949
CFS-451	- Maine Landings, November 1948
SL-151 (Revised)	- Firms Manufacturing Fish Meal, Scrap, Oils, Etc., 1947
MDL-51 (Revised)	- Officials of Refrigerated Locker Plant Associations, State and National

Sep. 121 - The Shrimp Fishery of the Southern United States

Sep. 224 - Studies on Methods of Extracting Vitamin A and Oil from Fishery Products - Part II-Experiments on the Solvent Extraction of Low-Fat Livers

Alaska Fishery and Fur-Seal Industries: 1946, by Ward T. Bower, Statistical Digest No. 17, 70 p., processed, 25 cents a copy. (For sale only by the Superintendent of Documents, Washington 25, D. C.) This bulletin contains detailed reports and statistical tables concerning the operation and yield of the various Alaska fishery and fur-seal industries during 1946, and there are included also data on certain related matters, particularly the condition of the fishery resources. It covers the changes in Alaska fishing laws and regulations; reports on salmon counting weirs; observations on runs and escapement of salmon; general statistics on the salmon, herring, halibut, shellfish fisheries, and miscellaneous fishery products; general administration of the Pribilof Islands fur-seal industry; sealing privileges accorded aborigines; and statistics and data on natives, fur seals, reindeer, foxes, and computation of fur seals.

Organizations and Officials Concerned with Wildlife Protection: 1948, Wildlife Leaflet 313, 33 p., processed, free. Includes names and addresses of organizations and officials concerned with the protection of fishes and fisheries, mammals, and birds. It includes United States federal and state government agencies, Canadian dominion and provincial government bodies, Latin American government organizations, and varied private groups in the United States, Canada, and Latin America. Intended for persons interested in wildlife and fishery conservation and management.

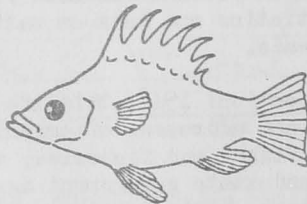
ARTICLES BY FISH AND WILDLIFE SERVICE AUTHORS IN OTHER PUBLICATIONS

"Packaging and Storing Frozen Fish Products," by S. R. Pottinger, Frozen Food Industry and Locker Plant Journal, December 1948, Vol. 4, No. 12, pp. 12-13, 23-25, illus. (No reprints available from the Service.)

MISCELLANEOUS PUBLICATIONS

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

- Advance Report on the Fisheries of Ontario, the Prairie Provinces, Yukon, and Northwest Territories, 1947, 12-102X, 18 p. (mostly statistical tables), processed, 10 cents. Fisheries and Animal Products Statistics, Dominion Bureau of Statistics, Canadian Department of Trade and Commerce, Ottawa, Canada, 1949. This booklet gives the quantity and value of fish caught and marketed in Ontario during 1947, in the Prairie Provinces during the summer fishery of 1947 and the winter fishery of 1947-48, in the Yukon in 1947, and the Northwest Territories during the summer fishery of 1947 and winter fishery of 1947-48.
- Definitions and Standards for Food, S. R. A., F. D. C. 2 Rev. 1, 72 p., printed, free. Food and Drug Administration, Federal Security Agency, Washington, D. C., January 1949. This publication contains the definitions and standards for food and amendments thereto promulgated under the Federal Food, Drug, and Cosmetic Act, as they appear in the compilation published in the Federal Register on October 30, 1948 (13 F. R. 6377), as amended (13 F. R. 6969), together with the general regulations for food standards as they appear in the Code of Federal Regulations (21 CFR Cum. Supp. 10.2; 21 CFR 1943 Supp. 10.0). The preface contains some of the relevant sections of the Federal Food, Drug, and Cosmetic Act and general regulations. One chapter is devoted to definitions and standards of identity and fill of container for shellfish (canned shrimp, canned oysters, and raw shucked oysters).
- Extension of Reciprocal Trade Agreements Act (Hearings before the Committee of Finance, United States Senate, Eighty-First Congress, First Session, on H. R. 1211, an act to extend the authority of the President under section 350 of the Tariff Act of 1930, as amended, and for other purposes, Part 1, February 17-23, 1949), 867 p., printed. Available only from the Senate Committee on Finance until exhausted. This report contains the text of H. R. 1211, the statements of the various members of the fishery industries made before the Senate's Committee on Finance, the statement of the Chief of the Service's Branch of Commercial Fisheries, charts and graphs showing the various aspects of the problems regarding imports of fishery products, and a list of foreign governments giving aid to their fisheries submitted by the Service and illustrated with maps.
- Fisheries Statistics of Canada, 1946, D.B.S. 12-1010-P, 290 p., printed, 50 cents. Dominion Bureau of Statistics, Department of Trade and Commerce, Ottawa, Canada. This report consists almost entirely of tables giving the 1946 Canadian fishery products statistics of the catch, products marketed in a fresh state or domestically prepared, manufactured fish products, and imports and exports for Canada and for each Province. It contains summary tables, detailed tables, and historical review tables of all phases of the Canadian fishery industries.
- Fishes of the Western North Atlantic, Part I, Memoir Number 1 (Lancelets, by H. B. Bigelow and Isabel Perez Farfante; Cyclostomes, by H. B. Bigelow and W. C. Schroeder; Sharks, H. B. Bigelow and W. C. Schroeder), 576 p., 106 line drawings and 2 maps, printed, \$10.00. Sears Foundation for Marine Research, Bingham Oceanographic Laboratory, Yale University, New Haven, Conn., 1948. This book, an authoritative and significant contribution dealing primarily with sharks, will be of interest to the commercial fisherman and sportsman as well as the ichthyologist and marine biologist. All of the authors' knowledge of each species, accumulated over the many years, has been incorporated in this work which contains keys to genera and species. In addition to the description, all that is known of the shark's life history is given, as well as its commercial importance and sporting qualities. Although devoted to sharks for the most part, this book gives accounts of two small groups of marine inhabitants known as the Lancelets and Cyclostomes. The former, although fish-like in appearance, are not true vertebrates, while the latter, with their eel-like bodies and peculiar jawless mouths, are the most primitive vertebrates. Fishes of the Western North Atlantic



is to be published in a series of volumes of which this is Part I. The future volumes will contain accounts of the skates and rays, chimaeras and sturgeons, and all the true bony fishes that inhabit the waters from Hudson Bay southward to the Amazon River.

The Fresh-Water Fishes of British Columbia, by G. C. Carl and W. A. Clemens, 132 p., illus. (some colored), printed, 50 cents. Department of Education, British Columbia Provincial Museum, Victoria, B. C. The purpose of this booklet is to acquaint the reader with the different kinds of fishes in the lakes and rivers of British Columbia. It discusses the environment, distribution and economic importance, of each of the fresh-water fishes. A key to families of fresh-water fishes of British Columbia is given. The booklet concludes with a glossary, bibliography, and an appendix which includes data on the collection and preservation of specimens.

Instructions on Processing for Community Frozen-Food Locker Plants, Miscellaneous Publication No. 588, 23 p., illus., printed. Production and Marketing Administration, U. S. Department of Agriculture, Washington, D. C., Revised August 1948. This publication gives up-to-date information on what products to freeze and how to prepare them for community frozen-food locker plants. Includes a small section on freezing of fish, the thawing and cooking of frozen fish, and a partial list of manufacturers of supplies for frozen food lockers.

The Market for United States Fishery Products in Western Europe (Foreign production and international trade in fishery products as related to the United States market in Europe for those products), by A. M. Sandberg, Foreign Agriculture Circular, FFP-1-49, February 20, 1949, 22 p., mimeographed. Office of Foreign Agricultural Relations, U. S. Department of Agriculture, Washington, D. C., free. This report summarizes the personal observations of the author (Fishery Marketing Specialist of the Fish and Wildlife Service) in the study he made for the Office of Foreign Agricultural Relations of the fishery production and trade in western Europe in order to provide pertinent facts which would aid members of the United States fishery industry in the formulation of their production and marketing programs. In the course of the foreign survey, which was conducted during the period mid-August through mid-October 1948, the author visited the United Kingdom, France, Eire, the Netherlands, Belgium, western Germany, Austria, Switzerland, Italy, and Greece. To broaden the picture with respect to competition in western Europe, information available in the Washington office was utilized in the preparation of the statements contained in the report relating to the supply situation of fishery products in the exporting countries of Norway, Denmark, Sweden, Iceland, Spain, Portugal, French Morocco, the Union of South Africa, Russia, Japan, Canada, and Newfoundland, all of which market some fishery product in Europe. The study was conducted under the provisions of the Research and Marketing Act of 1946, as amended. Included are tables giving the United States exports of edible fishery products by country of destination; the landings of fishery products in specified European countries; and a list of some canned fish products and prices observed at random in various European markets in September 1948.

Maryland Conservation Officials and Organizations, by W. H. Bayliff, Educational Series No. 10 (3rd Edition), 23 p., printed. Maryland Department of Research and Education, Board of Natural Resources, Solomons, Md., October 1948. Part I of this bulletin contains a list of official State agencies established by statute and concerned either directly or indirectly with the natural resources of Maryland. Part II lists the non-official conservation organizations, in other words, those organizations which have arisen spontaneously among interested citizens of the State. Only organizations whose activities are State-wide are included. Federal agencies are excluded.

"Point Four" (The Truman "Point Four" Program for World Economic Progress Through Cooperative Technical Assistance), 11 p., processed, free. Office of Public Affairs, Department of State, February 1949. This publication covers the proposal, plans, purpose and methods of carrying out President Truman's "Point Four" program for world economic progress through cooperative technical assis-

tance. The program visualizes the improvement, throughout the world, of agricultural methods, including forestry and fisheries.

Pond Management for Indiana Ponds, by W. E. Ricker and L. A. Krumholz, 10 p., printed. Division of Fish and Game, Indiana Department of Conservation, Indianapolis, Ind. Briefly explains suitability of ponds for fish, stocking of fish ponds, fertilizing ponds, removing undesirable fish, cropping pond fishes, and lists publications concerning fish ponds.

"A Program for Japanese Fisheries," by Ada Espenshade, article, The Geographic Review, January 1949, Vol. XXXIX, No. 1, pp. 76-85, with photos. American Geographical Society, New York, N. Y. The author outlines a seven-point program for both a long-range and short-term increase in fisheries production by the Japanese. Included in the program are: reorientation and improvement of fishery research; better statistics; expanded educational program; revised fishery laws and regulations; improvements in handling and transporting; expansion of fishing areas; and foreign trade.

Recipes, Lake Trout and Whitefish, by Helen Baeder, Circular Bulletin 209, 31 p., colored illus., printed. Agricultural Experiment Station, Michigan State College, East Lansing, Mich., January 1948. Fish recipes given are for popular eating fish caught in the Great Lakes region. In addition to discussing how to cook fish, the booklet includes sections on how to buy fish, how much fish to buy, and how to prepare fish for cooking.

The Spiny Lobster Industry of the Caribbean and Florida, by F. G. Walton Smith, Fisheries Series No. 3, 49 p., illus., printed. Caribbean Commission, Kent House, Port-of-Spain, Trinidad; and Columbia University Press, New York, N. Y., 1948. In this booklet is found a summarization of available information regarding the habits and biology of the spiny lobster and the scope and methods of the fishing industry supported by it in the Caribbean area. It includes data on the distribution of the spiny lobster, biology, possibilities of artificial propagation, fishing methods, methods of marketing and value of the fishery, regulation of the industry, statistics, and recommendations for future research. The booklet concludes with a select bibliography and a technical appendix giving the Caribbean species of spiny lobsters and a field key to the Caribbean spiny lobster.

The Sponge Industry of Florida, by J. G. Tierney, Educational Series No. 2, 19 p., printed. Marine Laboratory, Florida Board of Conservation, University of Miami, Coral Gables, Fla., 1949. This booklet gives a resume of the Florida sponge industry and is divided into two parts. The first part discusses the life of the sponge and includes answers to the questions: What are sponges? How do sponges feed? How do sponges grow and reproduce? Where are sponges found? and How are they caught? The second part deals with the value of the sponge industry to the State, what has happened to the sponge industry in recent years, the measures which should be taken to protect and develop the industry, what can be done by sponge cultivation, and what is being done for the sponge industry by the State.

United States Exports of Canned Sardines, Salmon, and Shrimp--1947 and 1948, by M. W. Wallar and A. A. Hackbarth, Foods and Related Agricultural Products, World Trade in Commodities, January 1949, Vol. VII, Parts 6, 7, and 8, No. 2, 2 p., printed. Office of International Trade, Department of Commerce, Washington 25, D. C. (Available by purchase only at 5 cents per copy from the U. S. Superintendent of Documents, Washington 25, D. C., or Department of Commerce Field Offices). This bulletin lists the United States exports of canned sardines, salmon, and shrimp in the first nine months of 1948 compared with the corresponding period of 1947. Tables show exports of these products by country of destination.

"Whale Meat--Norway Expands its Production," by I. A. Jacobsen, article, Foreign Agriculture, January 1949, Vol. XIII, No. 1, pp. 21-22, Office of Foreign Ag-

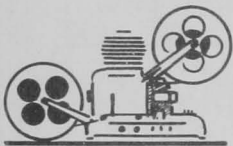
gricultural Relations, Department of Agriculture, Washington, D. C. (Copies of the publication available from Superintendent of Documents, Washington 25, D. C., 15 cents per copy.) The author discusses the expansion of the production of whale meat by Norway, and the problems involved in producing meat and byproducts at the same time.

"1948 Food Consumption Surveys": Family Food Consumption in Birmingham, Ala., Winter 1948, Preliminary Report No. 1, FE 685, 30 p., processed, 11/22/48; Family Food Consumption in Minneapolis-St. Paul, Minn., Winter 1948, Preliminary Report No. 2, FE 693, 30 p., processed, 12/20/48; Family Food Consumption in San Francisco, Cal., Winter 1948, Preliminary Report No. 3, FE 696, 30 p., processed, 1/31/49. Bureau of Human Nutrition and Home Economics, Agricultural Research Administration, U. S. Department of Agriculture, Washington 25, D. C. These booklets report on the average quantity and expense for purchased foods (including fish and shellfish), used at home per household per week, as well as the percentage of households using the various foods by annual income class and housekeeping families of two or more persons in Birmingham, Ala., Minneapolis-St. Paul, Minn., and San Francisco, Cal. Include data on fresh fish, canned salmon, other canned fish (including sardines and tuna), smoked and cured fish, fresh and frozen shellfish in the shell and shelled, and canned cooked shellfish.

Studies in Fresh-Water Fishery Biology, by K. F. Lagler, 240 p., illus., third revised edition, printed, \$4.00. J. W. Edwards, Ann Arbor, Michigan. This book is a reference work in general fishery biology. One chapter is devoted to inland commercial fisheries.



Whale Oil, by D. Bayles and S. M. Sackrin, Foods and Related Agricultural Products, World Trade in Commodities, February 1949, Vol. VII, Parts 6, 7, and 8, No. 7, 4 p., processed. Office of International Trade, Department of Commerce, Washington 25, D. C. (For sale by the U. S. Superintendent of Documents, Washington 25, D. C., 5 cents per copy.) Discusses the whaling operations in the Antarctic and by land stations, and international cooperation. The report gives current statistics, uses of whale oil, and consumption in leading markets. It also contains a table showing the whale oil production for the seasons 1937-38 through 1947-48 and another table showing the Antarctic whaling operations for the seasons 1938-39 through 1947-48.



FISHERY MOTION PICTURES

The following motion pictures are available only from the source given in each listing.



It's the Maine Sardine, 16 mm. color and sound, 15 minutes. Produced by the Fish and Wildlife Service in cooperation with the Maine Department of Sea and Shore Fisheries and the Maine Sardine Packers Association. The film depicts the catching of sardines off the Maine coast and the packing methods in local canneries. It is intended for general showings to such audiences as trade groups, women's organizations, students, etc. Can be borrowed from the DIVISION OF INFORMATION, FISH AND WILDLIFE SERVICE, WASHINGTON 25, D. C. (Because the number of prints is limited, requests for booking the film should be made as far in advance as possible. Requests will be handled in order of receipt. Each request should indicate clearly the address to which the shipment is to be made. Shipments are usually made by express, the borrower paying transportation charges both ways, but there is no charge for the use of the film.)

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