



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-492	- Packaged Fish 1948 (Annual Summary)
CFS-490	- Massachusetts Landings, May 1949
CFS-493	- Fish Meal and Oil, July 1949
CFS-494	- Frozen Fish Report, September 1949
FL-350	- The Use of Rotenone as a Fish Poison

Firms Canning:

SL-111	- Clam Products, 1948
SL-113	- Crab Meat, 1948
SL-101	- Salmon, 1948
Sep. 237	- E Value Ratios for Grayfish, Soupfin Shark, Sablefish, and Halibut Liver Oils Produced in the Pacific Northwest

ARTICLES BY FISH AND WILDLIFE SERVICE AUTHORS IN OTHER PUBLICATIONS

"The Clam and the Crab," by James Wharton. The Commonwealth, July 1949, vol. XVI, no. 7, pp. 7-9, 26, illus. Virginia State Chamber of Commerce, Richmond, Va., 15 cents per issue. This article, which completes a series dealing with Virginia's seafood resources, discusses historically the clam and crab fisheries of Virginia.

"On the Food Selectivity of Oysters," by Victor L. Loosanoff, article, Science, July 29, 1949, vol. 110, no. 2848, p. 122, single copies 25 cents. American Association for the Advancement of Science, Washington, D. C. A study on whether or not oysters show some selectivity in feeding. The author states that, at least in some instances, oysters can select their food not only quantitatively but also qualitatively.

MISCELLANEOUS PUBLICATIONS

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

Aid to States in Fish Restoration and Management Projects, (H. R. 1746), Report No. 891, August 11, 1949, 2 p., printed. Senate Committee on Interstate and Foreign Commerce, Eighty-First Congress, First Session. Committee reports favorably on H. R. 1746 and recommends that the bill be passed. Discusses the purpose of the bill, which is to inaugurate a program of Federal aid to the States for the restoration and management of their fishery resources, and what it will accomplish.

Bulletin of Fisheries Research Laboratory, 1948, 140 p., in Greek, printed. Fisheries Directorate, Ministry of National Economy, Athens, Greece, 1949. This booklet discusses the Greek fisheries research laboratory. It contains chapters on the observations on the experimental oyster farm of Salamis; D. D. T. effects on the fishes; fish farming and its new development on marine fish cultivation; possibility of fishing in the Atlantic; the fish markets; the damage to the fishery economy in 1941-45; the fishing situation in 1947; the fishery economy in 1948; and the regulation of the marine fishery. Each of these chapters has an abstract in French or English.

"Canada and Newfoundland Sold Much Fish to Greece Last Year," by T. J. Monty, article, Foreign Trade, August 13, 1949, vol. VI, no. 137, pp. 282-4, printed, single issue 10 cents. Foreign Trade Service, Department of Trade and Commerce, Ottawa, Canada. Reviews the 1948 Greek fisheries production and prices, imports by type and country, and per capita consumption.

Distribution of Chitin in Crawfish, by C. L. Southall & Dr. N. J. van Rensburg, Progress Report No. 6, 4 p., processed. Fishing Industry Research Institute, Cape Town, South Africa, June 1949. Gives the results of tests carried out by the Institute to determine the amount of chitin present in crawfish and its distribution within the shellfish.

Fats and Oils Situation in the United Kingdom, 1948-49, by William Kling, Foods and Related Agricultural Products, World Trade in Commodities, vol. VII, Part 6, 7, and 8, July 1949, sup. no. 38, 12 p., processed. Office of International Trade, U. S. Department of Commerce, Washington, D. C. (Available to non-subscribers by purchase only at 5 cents per copy.) Reports on the United Kingdom's production, consumption, imports, and exports of fats and oils, including fish and whale oils.

Fish Commission Research Briefs, August 1949, vol. 2, no. 1, 30 p., printed, free. Fish Commission of Oregon, Portland, Oregon. Contains short reports of the current studies of the Commission's staff and the basis for conservation measures. The reports are: The Development of Artificial Propagation of Salmon in the West; Application of Ultraviolet Light to Fisheries Technology (discusses use of ultraviolet light for candling fish and detecting shell in crab meat); Willamette River Spring Chinook Sport Fishery of 1948; Observations on the Effect of Intertidal Blasting on Clams, Oysters and Other Shore Inhabitants; and An Incident of Furunculosis in Salmon at a Coastal Hatchery.

Fishing Eels - A Profitable Side Line, by L. R. Day, Circular, General Series, No. 13, December 1948, 3 p., illus., printed. Atlantic Biological Station, Fisheries Research Board of Canada, St. Andrews, N. B., Canada. Describes the common or American eel (*Anguilla bostoniensis*), how eels are fished, set-net eel fishing, eel-pot fishing, eel spearing, holding eels alive, maintenance of gear, and marketing.

The Food Manufacturing Industry in Germany during the period 1939-1945, edited by H. G. Harvey, British Intelligence Objectives Sub-Committee Overall Report No. 14, 134 p., printed, 2s6d (approximately 50 cents). Published for the British Intelligence Objectives Sub-Committee by His Majesty's Stationery Office, York House, Kingsway, London, W. C. 2, England, 1949. This work is a critical summary of almost every branch of the German food manufacturing industry, including fishery products. The major aim of the bulletin is to give special mention to novel features and to suggest, wherever possible, applications and improvements to their British counterparts. Of the 19 sections which comprise this report, the first 18 review different branches of the German industry from the British standpoint, while the remaining section assesses German developments in relation to the Australian food industry. One section is devoted to fish and fish canning and covers freezing and cold storage, smoke-curing, mechanical smoking devices, marinating, other unprocessed canned products, shrimp processing, fish meal and oil manufacture, albumen from fish, polymerized fish oils, flavoring materials from fish proteins, canned fish, and special cannery and filleting equipment.

Fourth Report to Congress of the Economic Cooperation Administration (For the period January 1-April 2, 1949), 146 p., printed, 35 cents. U. S. Government Printing Office, Washington, D. C., August 1949. The report covers activities under the Economic Cooperation Act of 1948 and the China Aid Act of 1948, as well as the program of economic aid to the Republic of Korea under the provisions of the Foreign Aid Appropriation Act of 1949. Although fishery products are not mentioned specifically, it will be of interest to members of the fishing industry interested in the ECA program.

The Mortality of Herring at Mud Bay, March, 1949, Circular No. 18, 3 p., processed, Pacific Biological Station, Fisheries Research Board of Canada, Nanaimo, B. C., August 1949. A discussion and report on a large compact body of dead herring discovered on March 20, 1949, in Mud Bay, located one-half mile south of Big Bay in Chatham Sound, B. C.

Natural History of Marine Animals, by G. E. MacGinitie and Nettie MacGinitie, 485 p., illus. with photographs and drawings, printed, \$6.00. McGraw-Hill Book Company, Inc., New York, N. Y., 1949. Although scientific in treatment, this book in a relatively non-technical style gives a general understanding of the ocean as an environment, and of the natural history phenomena of the animals that live there. In the first part of the volume, the authors discuss the ocean as an environment, comparing the living conditions of land animals with those of ocean animals, and the food available to the latter. Then the book takes up the animal kingdom by groups, proceeding from the simple to the complex, and describes in detail known natural history phenomena of many animals.

Preliminary Report to the Legislature (1949 Regular Session) on Fish and Game by the California Senate Committee on Fish and Game (Created Pursuant to Senate Resolution No. 108), 119 p., printed. California Senate Committee on Fish and Game, Redding, Calif., May 1948. This report has been prepared as the basis for a comparative study of the administration of fish and game problems in California with those of the other States of the United States, and contains a brief analysis and compilation of the laws and regulations in existence as of May 1, 1948, in each of the States.

Production of Fish in the Colonial Empire, C. F. Hickling, Circular No. 237, 14 p., printed, 4d (approximately 7 cents). His Majesty's Stationery Office, London, 1949. This is a review of the present and possible future production of the fisheries of the British Colonial Empire. There is considerable scope for increasing the Colonial fisheries production which can be absorbed by the Colonies themselves, with the exception of Aden, Hong Kong, Mauritius, and the Seychelles areas which may be able to produce some exportable surplus. The increase in production is mainly dependent on the mechanization of fishing vessels and methods, and the training of adequate personnel. These handicaps are slowly being overcome, but fishery development will be costly to the Colonial Governments. The establishment of a fish-culture training and research center will provide another valuable source of fish. Marine and fresh-water research is being provided for by a chain of stations in West Africa, the Colonial Great Lakes, East Africa, Malaya, and Hong Kong. The development of byproducts is not being overlooked.

Reef Fishing, by Agustin F. Umali and Herbert E. Warfel, 36 p., illus., processed, free. U. S. Fish and Wildlife Service, Philippine Bureau of Fisheries, in cooperation with the U. S. Information Service, Manila, Philippine Islands. The contents of this pamphlet fully explain and describe the many types of reef fishing--comparative landings of reef species, commercial reef species of fish, and fishing methods employed such as explosives and poisons, diving and spearing, fish pots, lines, reef drag seine, trap net, Bohol trap net, and Japanese trap net.

Regulation of Whaling (Hearing before a Subcommittee of the Committee on Interstate and Foreign Commerce, United States Senate, Eighty-First Congress, First Session, on S. 2080, a bill to authorize the regulation of whaling and to give effect to the international convention for the regulation of whaling, July 20, 1949), 58 p., printed. Available only from the Senate's Committee on Interstate and Foreign Commerce until exhausted. Contains the text of S. 2080 and the international convention, statements by the Chief Counsel of the Fish and Wildlife Service, the Special Assistant to the Under Secretary of State for Fisheries and Wildlife, the Director of the National Museum, and reports from the Department of State and the General Accounting Office.

Report on the Fisheries of Cyprus, by C. F. Hickling (with Notes by L. J. S. Littlejohn), 7 p., printed, 1s (approximately 20 cents). Department of Agriculture, Nicosia, Cyprus, 1948. Discusses the sea and lagoon fisheries of Cyprus, as well as fish culture.

Salted Cod and Related Species, by G. M. Gerhardsen and L. P. D. Gertenbach, FAO Fisheries Study No. 1, 208 p., illus., printed. \$2.00. Food and Agriculture Organization, Washington, D. C., July 1949. This booklet is a commodity study of salted cod and related species covering world landings, production, imports, exports, craft, fishing grounds, etc. Included, in addition to numerous appendices, are chapters on Volume of World Trade; Operational Features of the Salted Fish Industry; Institutional Factors--Influence of Government Action on Salted Fish Trade, 1920-39; Prices Obtained and Their Economic Consequences; Salted Fish Industry Since the Outbreak of World War II.

A great part of the information contained in the study consists of detailed tables, since similar data for the period under consideration 1920-48) have never been compiled and collated on an international basis. (See abstract of this publication appearing on page 59 of this issue.)

Statistic Tables of Fishing Vessels (as of the end of 1948), General Report No. 1, 257 p., printed, graphs, in Japanese and English (not available for general distribution). Japanese Fisheries Agency, Tokyo, Japan. This is the second annual report which lists the various types of data on the Japanese fishing fleet as obtained by a fishing vessel registration system. Statistics cover tabulations by type of fishery, vessel and boat, gear, principal prefectures; and include numerous comparisons.

The Story of the Maine Lobster (Homarus americanus), by Robert L. Dow, bulletin, 26 p., illus., printed. Department of Sea and Shore Fisheries, Augusta, Maine, July 1949. This bulletin gives a history of the Maine lobster industry; discusses lobster conservation, culture, distribution and marketing, methods of capture; and the biology of the Maine lobster.

Tide Tables Atlantic Ocean, 1950, Serial No. 722, 352 p., printed, 25 cents. Coast and Geodetic Survey, U. S. Department of Commerce, Washington, D. C., 1949. Contains full daily predictions for 65 reference stations and differences and constants for about 2,400 stations on the Atlantic Ocean and tributary waters. It contains also 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, a table for the reduction of local civil time to standard time, a table of moonrise and moonset for 8 places, and a table of 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.

Tide Tables East Coast North and South America, 1950, Serial No. 719, 226 p., printed, 25 cents. Coast and Geodetic Survey, U. S. Department of Commerce, Washington, D. C., 1948. Abridged edition of the publication reviewed immediately above.

Tide Tables Pacific Ocean and Indian Ocean, 1950, Serial No. 723, 423 p., printed, 50 cents. Coast and Geodetic Survey, U. S. Department of Commerce, Washington, D. C., 1949. Contains the same type of information as that reviewed on page 70 for the Atlantic Ocean except that the daily predictions are only for 37 reference ports and differences and constants are for about 1,000 stations in North America, South America, and the Hawaiian Islands.

Trading with Germany (Revision of July 1, 1949), 5 p., processed, free. Areas Division--European Branch, Office of International Trade, Department of Commerce, Washington, D. C. Purpose of this publication is to provide U. S. foreign traders with up-to-date information on trade regulations in effect in Germany. Contains detailed data on trade rules and regulations in effect in the Western Zone of Germany and the Western sector of Berlin; a brief section dealing with foreign trade in the Soviet Zone of Germany and the Soviet sector of Berlin.

Two Tuna Conventions Between the United States and Mexico and Costa Rica, Executive Rept. No. 11, July 25, 1949, 6 p., printed. Senate Committee on Foreign Relations, Eighty-First Congress, First Session. Discusses the purpose, background, cost, advantages, implementation, and necessary international action of the two tuna conventions between the United States and Mexico and Costa Rica. Includes a summary of the main provisions of these two conventions.



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