



# RECENT FISHERY PUBLICATIONS

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

## FISH AND WILDLIFE SERVICE PUBLICATIONS

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

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

SSR-FISH. - SPECIAL SCIENTIFIC REPORTS--FISHERIES (LIMITED DISTRIBUTION).

<u>Number</u>	<u>Title</u>	<u>Number</u>	<u>Title</u>
CFS-551	- Imports and Exports, 1945-1949 Annual Summaries, 10 p.	FL-373	- Atlantic Coast Mackerel Purse Seine, 9 p.
CFS-553	- Massachusetts Landings, February 1950, 14 p.	FL-380--	Byproducts of the Government-Operated Alaska Fur-Seal Industry, 5 p. Describes the various byproducts obtained from the Alaska fur seal; annual production of meal and oil from 1935 through 1949; and analyses of the fur-seal meal and oil.
CFS-554	- Maine Landings, April 1950, 4 p.	SL-104 (Revised)	- Firms Canning Mackerel, 1949, 2 p.
CFS-555	- Fish Meal and Oil, May 1950, 2 p.	Sep.-255	- Observations on the Commercial Fishing Potentialities in the Offshore Waters of North Carolina (January-February 1950).
CFS-556	- Texas Landings, May 1950, 4 p.	Sep.-256	- Development of Trash Fishery at New Bedford, Massachusetts.
CFS-557	- Frozen Fish Report, July 1950, 10 p.		
CFS-559	- Maine Landings, May 1950, 4 p.		
CFS-561	- Texas Landings, June 1950, 4 p.		
CFS-563	- Gulf Fisheries, 1948, Annual Summary, 4 p.		
CFS-565	- Alaska Fisheries, 1948, Annual Summary, 6 p.		
FL-336e	- Quarterly Outlook For Marketing Fishery Products, July-September 1950, 54 p.		

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SSR-Fish. No. 30--Pollution in the Lower Columbia Basin in 1948 with Particular Reference to the Willamette Basin, by Frederic F. Fish and Robert R. Rucker, 22 p., processed, June 1950. Describes and discusses the pollution surveys made in 1948 in the lower Columbia Basin.

SSR-Fish. No. 31--Doctoral Dissertations on the Management and Ecology of Fisheries, 35 p., processed, July 1950. This is a list of titles of theses written between 1934 and 1949 on subjects related to the ecology and management of fisheries.

SSR-Fish. No. 32--Vitamin A in Selected, Pale-Colored Livers of Alaska Fur Seals, 1948, by Victor B. Scheffer, Neva L. Karrick, and F. Bruce Sanford, 8 p., illus., July 1950. Reports on the results of the analyses of 51 pale-colored Alaska fur-seal livers in 1948. Results indicate that paleness of liver is directly correlated with high vitamin-A potency and with high oil content, but it is not apparently associated with size of the seal or other readily observable characteristics.

## ARTICLE BY FISH AND WILDLIFE SERVICE AUTHOR IN OTHER PUBLICATION

"The 37th Annual Meeting of the International Council for the Exploration of the Sea," by William F. Royce, article, Science, April 21, 1950, vol. 111, no. 2886, pp. 447-9, printed, single copies of publication 25 cents. American Association for the Advancement of Science at 1515 Massachusetts Ave., N. W., Washington 5, D. C. This is a report of the meeting of the International Council for the Exploration of the Sea held at Edinburgh, Scotland, from October 3 to 11, 1949. This organization is concerned with the field of fisheries and the interrelated studies of the ocean. A short discussion is given of the sig-

nificant reports presented. The author points out that an important result of the meeting was the free discussion of both the current work and the plans for future work. One phase of the future plan discussed concerned the efforts to coordinate the operations of the research ships of several nations. Some of the vessel operations planned for 1950 were to be joint explorations for herring by the British, Norwegians, and Icelanders; comparison of French and British trawling gear in order to standardize statistical units of fishing effort; and studies of plaice by the Dutch and British.

## MISCELLANEOUS PUBLICATIONS

THESE PUBLICATIONS ARE NOT AVAILABLE FROM THE FISH AND WILDLIFE SERVICE, BUT USUALLY MAY BE OBTAINED FROM THE AGENCIES ISSUING THEM. CORRESPONDENCE REGARDING PUBLICATIONS THAT FOLLOW SHOULD BE ADDRESSED TO THE RESPECTIVE AGENCIES OR PUBLISHERS MENTIONED. DATA ON PRICES, IF READILY AVAILABLE, ARE SHOWN.

Advance Report on the Fisheries of Prince Edward Island, 1948, 12-1021, 8 p. (mostly statistical tables), processed, 10 cents. Fisheries Section, Industry and Merchandising Division, Dominion Bureau of Statistics, Ottawa, Canada, 1950. Reports on the fisheries of Prince Edward Island and gives the 1948 production of fish and shellfish, the landed and marketed values, capital equipment of the fisheries, the employees in the fisheries, and the lobster pack for 1928-48.

Care in the Handling of Crayfish, by Keith Sheard, Fisheries Bulletin No. 3, 11 p., printed. Western Australia Fisheries Department, Perth, Australia, 1950. Emphasizes the need for care in the handling of crayfish from the pots to the catching boats, storage in submerged crates, care during sea transport in refrigerated and nonrefrigerated boats, land transportation and storage before factory processing, and other pointers in order to reduce the losses due to poor handling and storage.

Colonial Development Corporation Annual Report and State of Accounts (for the year ended 31st December 1949), 69 p., with maps, printed, 2s. (approx. 28 U. S. cents). His Majesty's Stationery Office, London, England, 1950. Reports on the projects (including those on fisheries) which have been investigated or approved by the Colonial Development Corporation during 1949. Included are the number of British colonial fisheries projects which have been investigated during the year and those which have been accepted by the Corporation. The accepted projects are listed individually and described.

Foreign Commerce Yearbook, 1948, 593 p., printed, \$2.00. Office of International Trade, U. S. Department of Commerce, Washington, D. C. (For sale by the Superintendent of Documents, Washington, D. C.) Contains compilations of foreign trade statistics and related economic and financial data for 68 countries, including condensed fisheries production data for some of the countries.

The information represents highly condensed official data published by the respective countries, supplemented by publications of international agencies, and by information supplied by the U. S. Foreign Service and other U. S. Government departments. An appendix provides world area and population data and U. S. equivalents of foreign weights and measures. Statistics in most cases are for the years 1946 and 1947, and for the two prewar years 1937 and 1938.

Herring Industry Board Fifteenth Annual Report (for the year ended 31st March 1950), Cmd. 7975, 39 p., printed. His Majesty's Stationery Office, London, England, 1s. (approx. 14 cents). Contains a review of Great Britain's herring fisheries to April 1, 1950, the marketing of herring, research and development in the herring industries, and the Government's grants and loans to the industry. In addition, the report contains statistical tables giving the landings and values of herring catches and utilization for 1948, 1949, and 1950 seasons; and total landings and utilization for the calendar years 1948 and 1949.

"Income of Gaspé Fisherman Studied," article, Trade News, May 1950, vol. 2, no. 11, pp. 17-22, illus., processed. Department of Fisheries, Ottawa, Canada. Reports on an investigation conducted by the Canadian Fisheries Prices Support Board as to the income of fishermen in the Gaspé Peninsula. It gives an idea of the economic problems involving the fisheries and fishermen in this maritime area of Quebec. The conclusion states that even under the best of conditions, with the present type of equipment, catches and individual incomes remain low and compare unfavorably with those of fishermen plying their trade in a more modern way. Lack of mechanization and of modernization in the catching techniques is indicated as the reason.

Japanese Fur Sealing, by Oliver L. Austin Jr. and Ford Wilke, Report Number 129, 91 p., illus., processed. Natural Resources Section, Supreme Commander for the Allied Powers, Tokyo, July 1950. (Reports may be purchased in photostat or microfilm from the Office of Technical Services, U. S. Department of

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Commerce, Washington 25, D. C.) This report assembles the available data on the distribution, abundance, and ecology of the fur seal in Japanese waters, with special reference to the species' importance to the Japanese economy. It is based on investigations conducted in the field in 1948-49 by the staff of the Wildlife Branch, Fisheries Division, Natural Resources Section of SCAP, on unpublished records and statistics from the formerly secret files of the former Japanese Bureau of Fisheries, and on a thorough review of the available Japanese literature on the subject. Included are data on Japanese sealing from 1890 to 1945, the fur-seal problem in postsurrender Japan, modern Japanese pelagic sealing procedures, and a bibliography.

The Menhaden Fishery, by D. W. Miles and E. G. Simmons, Bulletin No. 30, Marine Laboratory Series No. II, 28 p., printed, illus. Texas Game, Fish and Oyster Commission, Austin, Tex. This booklet is a condensation of the information available on the menhaden industry as a whole and the Texas menhaden industry in particular. Included is a description of the menhaden; history of the fishery; uses of menhaden as food, oil, and meal; economic importance of the menhaden; nets, vessels, and fishing methods; effects of menhaden operations on other fisheries; effect of menhaden fishing on the spawning grounds of fish and shrimp, upon the adults of commercial and sporting fish and shrimp, and on the food of game and commercial fish; and an analysis of data collected on the contents of fish stomachs collected at various ports in Texas. In the conclusions, the authors point out that purse seines do little harm to food and game fish populations. In all five investigations dealt with in this paper, shrimp were found to be the preferred diet of the three favorite food and game fish (speckled trout, redfish, and Spanish mack-

erel). Although these fish do eat menhaden in small quantities, according to the authors, they seem to prefer shrimp.

Trade with France—A Businessman's Guide and Directory, 68 p., printed. Prepared by Economic Cooperation Administration Special Mission to France, Available from Economic Cooperation Administration, Washington, D. C. or any of the field offices of the Department of Commerce. This booklet should be valuable to American suppliers now engaged in or contemplating trade with France, especially small companies. In addition to a list of trade associations and "groupements" (associations of importers) in metropolitan France and in the territories, the booklet contains suggestions for reaching the French businessman, import regulations, purchasing methods, French ECA import procedure, trade practice requirements under ECA, suggestions for preparing shipments for France, general current economic information about France, and data on ECA-financed French purchases.

"Tuna Survey of North Australia," by D. L. Serventy, article, Fisheries Newsletter, April 1950, vol. 9, no. 3, pp. 18-20, illus., printed; Commonwealth Director of Fisheries, Dept. of Commerce and Agriculture, Sydney, Australia. A report of the tuna survey of the northern areas off Australia during the winter months of 1949 by two of the vessels of the Fisheries Division of the C.S.I.R.O. The area jointly covered by both vessels was a quadrant in the northern part of the Gulf of Carpentaria, the entire coastline from Cape Wessel in Arnhem Land to Northwest Cape, the southern parts of the Timor Sea, including the greater part of the continental shelf. By trolling the vessels caught five species of tuna, and in order of abundance, they were: northern bluefin (Kishinoella tonggol), mackerel tuna (Euthynnus alletteratus), striped tuna (Katsuwonus pelamis), dogtooth tuna (Gymnosarda nuda), and yellowfin tuna (Neothunnus macropterus).

