



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.

<u>Number</u>	<u>Title</u>
CFS-558	- Massachusetts Landings, March 1950, 14 p.
CFS-560	- Fish Meal and Oil, June 1950, 6 p.
CFS-562	- Massachusetts Landings, 1949 Annual Summary, 16 p.
CFS-564	- Chesapeake Fisheries, 1948 Annual Summary, 4 p.
CFS-566	- Frozen Fish Report, August 1950, 10 p.
CFS-567	- Maine Landings, June 1950, 4 p.
CFS-569	- Texas Landings, July 1950, 4 p.
CFS-571	- Lake Fisheries, 1948 Annual Summary, 7 p.
FL-379	- New England Sink Gill Net, 10 p.
FL-381	- Fisheries of France, 18 p.

#### Firms Canning:

SL-101 (Revised)	- Salmon, 1949, 3 p.
SL-102 (Revised)	- Maine Sardines (including sea herring), 1949, 1 p.
SL-102A (Revised)	- California Sardines (pilchards), 1949, 1 p.
SL-103 (Revised)	- Tuna and Tuna-like Fishes, 1949, 2 p.
SL-105 (Revised)	- Alewives and Alewife Roe, 1949, 1 p.
SL-106 (Revised)	- Shad or Shad Roe, 1949, 1 p.
SL-112 (Revised)	- Shrimp, 1949, 2 p.
SL-113 (Revised)	- Crabmeat, 1949, 2 p.
SL-116 (Revised)	- Animal Food from Fishery Products, 1949, 1 p.
SL-118 (Revised)	- Groundfish Flakes, 1949, 1 p.

<u>Number</u>	<u>Title</u>
SL-151 (Revised)	- <u>Firms Manufacturing:</u> Fish Meal, Scrap, Oils, etc., 1949, 9 p.
SL-152 (Revised)	- Oyster and Marine ClamShell Products, 1949, 1 p.
SL-155 (Revised)	- Marine Pearl-Shell Buttons, 1949, 1 p.
SL-159 (Revised)	- Fresh-water Mussel-Shell Products, 1949, 1 p.
SL-160 (Revised)	- Menhaden Oil and Meal, 1949, 1 p.
Sep. 257	- Mesh Size and Construction as a Factor in Releasing Small Fish and Shrimp from Trawl Nets.

THE FOLLOWING SERVICE PUBLICATION IS FOR SALE AND IS AVAILABLE ONLY FROM THE SUPERINTENDENT OF DOCUMENTS, WASHINGTON 25, D. C.

Observations on the Spawning of Philippine Tuna, by Charles B. Wade; Fishery Bulletin 55 (From Fishery Bulletin of the Fish and Wildlife Service, Volume 51), 423 p., printed, 15 cents, 1950. Includes general observations and data concerning the spawning of three species of tuna, Euthynnus yaito, Katsuwonus pelamis, and Neothunnus macropterus, in Philippine waters as obtained by biologists of the Philippine Fishery Program of the U. S. Fish and Wildlife Service. The need for a comprehensive knowledge of the life histories of the Pacific tunas has resulted from the increased postwar exploitation of these fish.

## 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 Quebec, 1948, 12-1024, 10 p. (mostly statistical tables), processed, 25 cents. Fisheries Section, Industry and Merchandising Division, Dominion Bureau of Statistics, Ottawa, Canada, 1950. Reports on the sea and inland fisheries of Quebec and gives the 1948 production of fish and shellfish, the landed and marketed values, capital equipment of the fisheries, and the employees in the fisheries.

Advance Report on the Fisheries of Nova Scotia, 1948, 12-1022, 13 p. (mostly statistical tables), processed, 25 cents. Fisheries Section, Industry and Merchandising Division, Dominion Bureau of Statistics, Ottawa, Canada, 1950. Reports on the fisheries of Nova Scotia for the year 1948. Data included are quantity and value of fish landed and marketed and capital equipment and employees of the fisheries, together with comparative figures.

Australian Fisheries (A Handbook Prepared for the Second Meeting of the Indo-Pacific Council, Sydney, April 1950), edited by I. G. MacInnes, 103 p., 6 plates, illus., printed. Commonwealth Fisheries Office, Dept. of Commerce and Agriculture, Sydney, Australia, 1950. This book is divided into three parts—Part 1—Background; Part 2—The Fisheries; Part 3—Administration, Research, Development. Part 1 deals with the geographic setting of Australian fisheries, oceanography, and fauna (fish, crustacea, mollusca, mammals, reptiles). Part 2 discusses the fishing boats; gear; methods; chief fisheries; organization and economics; marketing and distribution; and processing (freezing, smoking, canning, byproducts, and research). Part 3 reports on the administration of the fisheries, the research conducted by the Commonwealth Scientific and Industrial Research Organization of the Division of Fisheries, and the principal developments in Australian fisheries since World War II.

Eighth Report to Congress of the Economic Cooperation Administration (For the Quarter Ended March 31, 1950), 137 p., printed, 40 cents. Economic Cooperation Administration, Washington, D. C., August 1950. (For sale only by Superintendent of Documents, Washington 25, D. C.) Reports on the activities under the Economic Cooperation Act of 1948 as well as the programs of economic aid to China and to the Republic of Korea for the quarter ended March 31, 1950. Edible fishery products are specifically listed as a group in some of the tables.

Estatística das Pescas Marítimas, 1947 (Maritime Fisheries Statistics), 124 p., printed. Commissao Central de Pescarias, Ministerio Da Marinha, Lisbon, Portugal, 1949. This publication consists of tables which cover all phases of Portuguese fishing activities in continental Portugal and the adjacent islands of the Azores and Madeira.

Included are data on the coastal sardine fishery; trawling operations off the Portuguese coast and on the high seas adjacent to the coast of Northwest Africa; cod fishing on the Grand Banks off Newfoundland and off the west coast of Greenland; and whale fishing conducted both from the continent and the Azores. Divided into four sections, the first section gives the total catch by species; the second, a breakdown of the catch according to types of fishing gear employed; the third, the whale catch; and the fourth, personnel and equipment employed in fishing operations. Also included are monthly data on the catches of the sardine and trawl fisheries and on fisheries landings in the adjacent islands.

Fortieth Biennial Report of the (California) Division of Fish and Game for the Years 1946-1948, 118 p., illus., printed. Department of Natural Resources, Sacramento, Calif. This gives a brief resume of the activities of the California Fish and Game Commission and detailed reports of the functions of the various bureaus. Among others are included reports on the Bureau of Fish Conservation and the Bureau of Marine Fisheries. The latter report discusses the various fisheries of California for 1946 and 1947 in general and specifically covers the sardine, tuna, mackerel, salmon, trawl, crab, squid, abalone, oyster, pismo clam, and bait fisheries. An appendix to the report gives marine fisheries statistics: California fisheries production, nationality of commercial fishermen, residence of licensed commercial fishermen, tuna catch, and catches of bottom fish.

The General Agreement on Tariffs and Trade (Second Supplementary Announcement), (Negotiations, Beginning September 1950 Under the Trade Agreement Act of 1934 as Amended and Extended), Department of State Publication 3944, Commercial Policy Series 131, 16 p., processed, 15 cents. Department of State, Washington, D. C., August 1950. (For sale by Superintendent of Documents, Washington 25, D. C.) This is second supplementary notice of the United States' intention to negotiate with Cuba, in addition to the 23 countries previously named. Also included is a supplementary list of products (including fishery products) to be considered at the trade-agreement negotiations to be held at Torquay, England, beginning September 28, 1950.

Nova Scotia Fisheries Yearbook 1949-50 and Directory of Fish Packers and Processors, 98 p., illus., processed. Fisheries Division, Nova Scotia Department of Trade and Industry, Halifax, Nova Scotia, Canada, 1950. Contains three articles by men in the industry ("The Fresh, Frozen and Smoked Fish Industry," "Nova Scotia's Salt Fish Industry," and "The Drying of Salt Fish"), and a review of the Nova Scotia fisheries with comparative data. The review of the fisheries includes 1949 landings (quantity and values); a general discussion of the industry; information on fishing equipment, trends in boats and

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vessels, inshore and offshore production, the inshore fishery, the lobster fishery, the offshore fishery, the processing industry, the salt fish industry, costs of production; and a discussion of transportation, distribution, and consumption. Future prospects of the fisheries are discussed. A complete 1949 directory of fish packers and processors is also included.

Third Annual Report of the Fisheries Prices Support Board for the Year 1949-50, 13 p., printed. Fisheries Prices Support Board, Ottawa, Canada, 1950. With the exception of the purchase of Manitoba lakes frozen fish, no other species of fish were supported by the Board during the fiscal year ended March 31, 1950, according to this report. Included in this report is a summarization of the Canadian Fisheries Prices Support Act, 1944; organization of the Board; a discussion of the 1949 economic conditions in the fisheries; requests for Board action; a review of the support of prices of Manitoba lakes frozen fish; disposal of inventory; and a description of the research activities conducted by the Board.

Transactions of the American Fisheries Society, 1948 (Seventy-Eighth Annual Meeting, Atlantic City, New Jersey, September 13-15, 1948), vol. 78, 287 p., illus., printed, \$4.00. American Fisheries Society, Ann Arbor, Mich., 1950. (Order from William C. Beckman, Librarian, American Fisheries Society, Colorado Cooperative Fisheries Research Unit, Colorado A and M College, Fort Collins, Colo.) Part I consists of the papers presented at the Seventy-Eighth Annual Meeting of the Society. The following are some of the papers presented: "The Fisheries of India--Present Status and Proposed Development;" "The Reintroduction of Atlantic Salmon into Tributary Streams of Lake Ontario;" "A Nomograph for the Computation of the Growth of Fish from Scale Measurements;" "Fish-population and catch data from Minnesota Lakes;" "The American Smelt, *Osmerus mordax* (Mitchill), of South Bay, Manitoulin Island, Lake Huron;" "Management of Florida's Fresh-water Fisheries." Part II reports on the business sessions of the Society.



## THE MEXICAN FISHERIES INDUSTRY

The Pacific Coast of Mexico provides about 76 percent of the total fish taken in Mexican waters, compared with only 21 percent for the Gulf Coast. The principal west coast fishery is that for tunas, which are particularly prevalent in the high seas area surrounding the peninsula of Lower California. This fishery, however, cannot be considered Mexican, since no appreciable amounts are taken by Mexican fishermen. Vessels of California registry from the ports of San Diego and San Pedro, California, account for almost the entire take. Barracuda, yellowtail, the jackfish inhabit much the same waters as the tuna and are likewise taken almost entirely by United States fishermen.

Mexico is at present attempting to expand its tuna industry from ports on the Gulf of California. The extent of the success of this enterprise will depend on the equipment used, the continued abundance of tuna, and the degree to which Mexico can develop its local and foreign markets.

--Fishery Leaflet 339