



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.
 SL - STATISTICAL SECTION LISTS OF DEALERS IN AND PRODUCERS OF FISHERY PRODUCTS AND BYPRODUCTS.
 SEP.- SEPARATES (REPRINTS) FROM COMMERCIAL FISHERIES REVIEW.
 SSR.- FISH. - SPECIAL SCIENTIFIC REPORTS--FISHERIES (LIMITED DISTRIBUTION).

Number	Title	Number	Title
CFS-731	- Massachusetts Landings, Dec. 1951, 14 p.	FL -407	- Fish and Shellfish Preferences of Household Consumers, 1951. Part 1 - National Summary, 47 p.
CFS-739	- Massachusetts Landings, Jan. 1952, 12 p.	<u>Firms Canning (Revised):</u>	
CFS-744	- Florida Landings, Feb. 1952, 6 p.	SL -101	- Salmon, 1951, 4 p.
CFS-747	- Maine Landings, Annual Summary, 1951, 6 p.	SL -104	- Mackerel, 1951, 1 p.
CFS-748	- Maine Landings, Feb. 1952, 4 p.	SL -105	- Alewives and Alewife Roe, 1951, 1 p.
CFS-749	- Chesapeake Fisheries, Annual Summary, 1950, 4 p.	SL -106	- Shad or Shad Roe, 1951, 1 p.
CFS-750	- Texas Landings, March 1952, 4 p.	SL -112	- Shrimp, 1951, 2 p.
CFS-752	- Frozen Fish Report, May 1952, 8 p.	SL -116	- Food For Animals, From Fishery Products, 1951, 1 p.
CFS-753	- Massachusetts Landings, by Ports, Annual Summary, 1951, 16 p.	SL -155	- Firms Manufacturing Marine Pearl-Shell Buttons, 1951, 1 p.
CFS-754	- Massachusetts Landings, Feb. 1952, 14 p.	SSR-Fish. No. 74	- Status of Columbia River Blueback Salmon Runs, 1951, by Harold A. Gangmark and Leonard A. Fulton, 29 p., illus., April 1952.
CFS-755	- Mississippi Landings, March 1952, 2 p.	SSR-Fish. No. 73	- Zooplankton Volumes Off the Pacific Coast, 1951, 37 p., May 1952.
CFS-756	- Texas Landings, April 1952, 4 p.	Sep. No. 315	- Japanese Tuna-Mothership Expedition in the Western Equatorial Pacific Ocean (June 1950 to June 1951).
CFS-758	- Fish Meal and Oil, April 1952, 2 p.		
CFS-759	- Florida Landings, March 1952, 6 p.		
CFS-760	- Massachusetts Landings, March 1952, 14 p.		
CFS-761	- Maine Landings, March 1952, 4 p.		
CFS-762	- Frozen Fish Report, June 1952, 8 p.		
FL -197	- Fishery Statistics (revised), 12 p.		
FL -293	- List of Fishermen's and Fish Shore Workers' Unions in the U. S., Alaska, and Hawaii (revised), 7 p.		

DEFENSE FISHERIES ADMINISTRATION PUBLICATIONS

THE FOLLOWING PUBLICATION IS AVAILABLE FREE FROM THE DEFENSE FISHERIES ADMINISTRATION, U. S. DEPARTMENT OF THE INTERIOR, WASHINGTON 25, D. C.

The Fishing Industry and The Controlled Materials Plan, DFA Material Bulletin - Number 1, 4 p., processed, revised June 1952. This is a revision of the leaflet issued as an aid to fishing

vessel and plant operators experiencing difficulty in obtaining materials necessary for the operation of their vessels or plants. (Also see Commercial Fisheries Review, January 1952, p. 55)

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.

Bombay Marches On... Fisheries, 25 p. illus., printed. Directorate of Publicity, Government of Bombay, Bombay, India, 1952. A review of the work and activities of the Government of Bombay during 1946-1951 in regard to its fisheries. Describes the foundation of the Department of Fisheries and the progress made in the fishing industry since 1946. It also covers the mechanization of fishing craft, grant of loans and subsidies, fish-curing industry, development of fresh-water fisheries, landing and refrigeration facilities, marketing arrangements, improvement of the economic condition of fishermen, fisheries schools, and progress in scientific investigation and research.

(California) Statistical Report of Fresh and Canned Fishery Products (Year 1951, including Sardine Season 1951-1952), Circular No. 26, 21 p. (mostly tables), printed. Bureau of Marine Fisheries, California Division of Fish and Game, San Francisco, Calif., 1952. The tables in this publication show the California landings of all fish and shellfish by species and by main fishing areas, including the amount of pilchards and tuna landed; fishery products shipments into the State; a list of canning and reduction plants (plants primarily processing sardine, tuna, mackerel, and squid); production of canned, cured, and manufactured fishery products and byproducts (including fish meal and oil); and historical data.

(Ceylon) Administration Report of the Acting Director of Fisheries for the Years 1940 to 1950 (Part II--1948 to 1950), by E. R. A. de Zylva, 62 p., printed. Government Publications Bureau, Colombo, Ceylon, February 1952. This report covers the reorganization of the Fisheries Department of Ceylon, international collaboration, and the functions and activities of the Department. Among the other subjects covered are: enforcement of the laws and regulations, cooperative development of the fisheries, loans to fishermen and unregistered fishing groups, rescue services and relief to fishermen in distress, aids to navigation, fisheries training school, mechanization of local fishing industry, development of brackish-water fisheries, stocking of inland waters with local and imported fresh-water fish, fish marketing, production of dried fish, and refrigeration and transportation. Statistical data are also given on production of fish, and imports and exports of fishery products and byproducts.

(FAO) Report of the 6th Session of the Conference (19 November-6 December 1951), 214 p., printed in English, French, and Spanish. Food and Agriculture Organization of the United Nations, Rome, Italy, March 1952. This is a complete report on the Sixth Session of the FAO Conference held in Rome, Italy, November 19-December 6, 1951. In addition to a list of officers of the Sixth Session and the resolutions adopted by the Conference, it reports on the discussions of the world situation, trends and policies in respect of food and agriculture; activities of FAO; and administrative, financial, constitutional, and legal questions. The appendices include the agenda of

the Conference; the budget for the seventh financial year (ending December 31, 1952) and the budget for the eighth financial year (ending December 31, 1953); scale of contributions for 1952 and 1953; list of Conference documents; a list of delegates, representatives, and observers attending the Sixth Session; etc.

(FAO) Report on the Activities of FAO under the Expanded Technical Assistance Program for the First Financial Period, 1950-1951 and Outline of Activities for 1952, 76 p., illus., printed, US\$1.00. Food and Agriculture Organization of the United Nations, Rome, Italy, May 1952. (For sale by International Documents Service, Columbia University Press, New York 27, N. Y.) The introduction points out that "the exploratory and experimental phase of technical assistance may be said to have passed and with the recognition of the continuing nature of the program it must now advance from the phase of study to that of action for economic development." This report is divided into two parts, of which the first covers the work done by FAO under the technical assistance program in the first financial period (October 1950 to December 31, 1951) and the second deals briefly with plans and projects for 1952. Part I first considers a number of selected individual projects in some detail, then provides a statistical summary (up-to-date to March 31, 1952), and finally considers the program as applied in the various countries and regions in which it has operated during the period under discussion. Among the list of selected projects discussed are fish culture in Haiti and Karachi's (Pakistan) new fish harbor. Also covered are fisheries development in Ceylon, India, Israel, Liberia, and Pakistan; fisheries research in Chile; the Latin American and Manila fisheries training centers. Fisheries is listed as a major subject in the FAO technical assistance agreements with the following countries: Brazil, Ceylon, Chile, Ecuador, Finland, Haiti, Israel, Liberia, Libya, Pakistan, Saudi Arabia, Somaliland, Thailand, and Turkey. Part II summarizes activities for 1952, with special reference to regional and large-scale projects, and also discusses general policy with regard to two major aspects of the whole program: the provision of equipment, and the salaries and allowances of experts.

Handbook of Turtles (The Turtles of the United States, Canada, and Baja California), by Archie Carr, 557 p., illus., printed. Comstock Publishing Associates (A Division of Cornell University Press), Ithaca, N. Y., 1952. About 79 species and subspecies of turtles that inhabit the United States, Canada, and Baja California are described in this book. Turtle functions and capacities, economic uses, methods of collecting, and terminology of turtle structures make up Part I (Introduction). A description of each species and subspecies makes up Part II (Accounts of Species). For each species the author gives data on the range, distinguishing features, habitat, habits, breeding, feeding, and economic importance.

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A High Speed Manual Commercial Fishing Reel, by J. B. Siebenaler and Winfield Brady, Technical Series No. 4, 11 p., illus. Marine Laboratory, University of Miami, Coral Gables, Fla. (Available from State Board of Conservation, Tallahassee, Fla.) The need for a low-cost reel has been apparent for some time in the red snapper and other hand-line fisheries of Florida and the Gulf of Mexico, state the authors. This booklet describes a high speed manual commercial fishing reel used extensively in the Fort Pierce area. Many fishermen in the area consider the reel to be an effective and essential part of their gear. The vessels using the reels range from 30 to 45 feet in length and fish in depths from 45 to 60 fathoms. Each boat is equipped with a depth-recorder and an average of three manual reels. The crew consists of 2 to 4 men. The potential use of the manual reel is also discussed.

The Hilsa Fishery of the Chilka Lake, by S. Jones and K. H. Sujansingani, 17 p., illus. (Reprinted from the Journal of the Bombay Natural History Society, vol. 50, no. 2, December 1951.) Central Inland Fisheries Research Station Barackpore, via: Calcutta, India. The city of Calcutta draws an appreciable part of its fish supply from brackish-water Chilka Lake, according to the authors. This report discusses certain observations made on the biology and fishery of the Indian shad (Hilsa ilisha, Hamilton). The fishery is described. Discussed are the seasonal fluctuations and crop movements in relation to physico-chemical changes; size groups and sexes; bionomics; food; coastal fishery of hilsa and its bearing on Chilka stocks; and suggestions for the conservation of the fishery.

Observations on the Life-History, Bionomics and Fishery of the Gangetic Anchovy, SETIPINNA PHASA (Hamilton), by S. Jones and P. M. G. Menon. (Reprinted from the Journal of the Zoological Society of India, vol. 3, no. 2, February 1952.) Central Inland Fisheries Research Station, Barackpore, via: Calcutta, India. The Gangetic anchovy, Setipinna phasa (Hamilton) (popularly known as the phasa) forms one of the major items of the fishermen's catches from November to March-April in the tidal zone of the Hooghly River. The fish is distributed in the estuaries and rivers of Bengal and Burma, and abounds in the deltaic branches of the Ganges and is caught far above the tidal limits. This paper, which was also presented at the Third Meeting of the Indo-Pacific Fisheries Council, Madras (1951), discusses the breeding season and spawning time; embryonic development; larval development; bionomics; and the fishery.

Study on the Ultrasonic Echo-Sounder, Fish-Finder and its Applications, Fishing Boat Series II, 150 p., printed in Japanese with English summary. Fisheries Agency, Tokyo, Japan, December 1951. The foreword states: "The introduction of the fish-finder into the Japanese fishing industry which had been lagging behind the modern development of science seemed to have given animation to the modernization and scientific of our fishing technique." Results of practical echo-sounder experiments begun in 1950 by the Japanese Fishing Boat Laboratory are described under the following chapter headings: application of echo-sounding method to the study of the life of fish; the characteristics of ultrasonic sound-wave propagation in a horizontal direction at sea water and in a vertical direction to water surface; the installation of the echo-sounder and fish finder; the ultrasonic transducer; the recording paper; and applications of ultrasonic sound waves.

World Fisheries Year-Book and Directory 1951 (Incorporating the North Atlantic Fisheries Year-Book and the Herring Exporters Manual), edited by Harry F. Tysse, 439 p., printed, illus. British-Continental Trade Press Ltd., 222 Strand, London, England. The first part of the book consists of editorial articles on the world's fisheries and fish-processing industries and trades. The second half of the book is a directory which lists names, addresses, and other particulars on firms in various branches of the fishery industries, grouped by countries. The lists included are: (1) exporters and curers, quick freezers, tawler owners; (2) importers and wholesalers; (3) fish canners; (4) machinery and equipment for fish processing, refrigeration, etc.; (5) packing machinery, materials, etc.; (6) supplies for fisheries; (7) fish byproducts; (8) cold storage and transport. Also included is a list of trade marks and names and a buyers' guide and classified list of advertisers. The articles which make up the first part of the book cover the following subjects: The British Fishing Industry; Colonial Development Corporation's Report; Icelandic Fisheries and Exports; Danish Supplies Maintained; The Year in Western Germany; United States Production, Exports and Imports; Around the World (covers the fisheries of the more important countries); Trawl Fishing; Common Salt; Research Activities the World Over; Processing of Fish; Canned Fish; Dictionary of Fish Names; Fish Supplies Calendar; Fishing Vessel Construction; Radio Equipment for Fishing Vessels; Aluminum and Fish; Solvent Extraction of Oils from Fish Meal; Drying Marine Products with Infra-Red Rays; More Meal from Fisheries Waste. In addition, the book gives a list of organizations and trade associations and a list of trade journals of interest to the fishery industries and the fish trade.

