



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.
 MDL - MARKET DEVELOPMENT LISTS.
 SEP.- SEPARATES (REPRINTS) FROM COMMERCIAL FISHERIES REVIEW.

Number	Title
CFS-1240	- Florida Landings, September 1955, 6 pp.
CFS-1242	- Texas Landings, October 1955, 3 pp.
CFS-1243	- Frozen Fish Report, November 1955, 8 pp.
CFS-1244	- North Carolina Landings, October 1955, 2 pp.
CFS-1245	- New York Landings, October 1955, 4 pp.
CFS-1246	- Mississippi Landings, October 1955, 2 pp.
CFS-1247	- Maine Landings, October 1955, 3 pp.
CFS-1248	- Fish Meal and Oil, October 1955, 2 pp.
CFS-1249	- Rhode Island Landings, October 1955, 3 pp.
CFS-1250	- Alabama Landings, October 1955, 2 pp.
CFS-1256	- Fish Meal and Oil, November 1955, 2 pp.
FL-336aa	- Commercial Fisheries Outlook, January-March 1956, 33 pp.

Wholesale Dealers in Fishery Products (Revised):

SL-5	- Connecticut, 1955, 1 p.
SL-14	- South Carolina, 1955, 2 pp.
SL-16	- Florida, 1955, 10 pp.
SL-34	- Wisconsin, 1955, 1 p.
SL-35	- Illinois, 1955, 2 pp.
SL-37	- Kansas, 1955, 1 p.
SL-38	- Missouri, 1955, 1 p.
SL-44	- Nebraska, 1955, 1 p.

Market Development Lists (Revised):

MDL-6	- Kentucky Locker Plants, 5 pp.
MDL-14	- California Locker Plants, 10 pp.
MDL-17	- Kansas Locker Plants, 13 pp.
MDL-20	- Illinois Locker Plants, 13 pp.
MDL-27	- Louisiana Locker Plants, 2 pp.
MDL-41	- Maine Locker Plants, 1 p.
MDL-42	- Maryland Locker Plants, 2 pp.

Sep. No. 428 - Fish and Wildlife Service Aids Fishing Industry in Promoting Fishery Products in Columbus, Ohio.

Sep. No. 429 - Iron Sulfide Discoloration of Tuna Cans - No. 2 - Analytical Methods.
 Sep. No. 430 - Research in Service Laboratories (February 1956): Contains these short articles-- "Oxidative Deterioration in Fish and Fishery Products--No. 1;" "Composition of Fresh-Water Fish--No. 1;" "Lake Herring Samples Collected for Cold-Storage Studies;" "Weight Loss for Fish Sticks Stored at 0° to 5° F.;" "Crab Meat Federal Specifications."

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

The Gas Bladder and Its Relation to the Inner Ear in SARDINOPS CAERULEA and ENGRAULIS MORDAX, by Charles P. O'Connell, Fishery Bulletin 104 (From Fishery Bulletin of the Fish and Wildlife Service, vol. 56), 32 pp., illus., printed, 25 cents, 1955.

Survival and Spawning of Gill-Net-Marked Red Salmon, by Philip R. Nelson and Carl E. Abeglen, Research Report 40, 22 pp., illus., printed, 20 cents, 1955.

THE FOLLOWING PROCESSED PUBLICATIONS ARE AVAILABLE ONLY FROM THE SPECIFIC OFFICE MENTIONED:

Monthly Summary of Fishery Products Production in Selected Areas of Virginia, North Carolina, and Maryland, January 1956, 4 pp., Market News Service, U. S. Fish and Wildlife Service, 18 S. King St., Hampton, Va.

(Seattle) Monthly Summary - Fishery Products, January 1956, 4 pp. Includes landings and local receipts as reported by Seattle and Astoria (Oregon) wholesale dealers. Market News Service, U. S. Fish and Wildlife Service, 421 Bell St. Terminal, Seattle 1, Wash.

MISCELLANEOUS PUBLICATIONS

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

Annotated References Concerning the Effects of Man-Made Sounds on the Movements of Fishes, by James M. Moulton and Richard H. Backus, Fisheries Circular No. 17, 8 pp., printed. Department of Sea and Shore Fisheries, Vickery-Hill Bldg., Augusta, Maine, October 1955.

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A Comparison between Giant Bluefin Tuna (THUNUS THYNNUS) from the Straits of Florida and Gulf of Maine, with Reference to Migration and Population Identity, by Luis Rene Rivas, 17 pp., illus., printed. (Reprinted from Proceedings of the Gulf and Caribbean Fisheries Institute, Seventh Annual Session, Havana, Cuba, November 1954.) The Marine Laboratory, University of Miami, Coral Gables, Fla.

Delaware Game, Fish and Dog Laws and Regulations, 1955-1956, 136 pp., printed. Board of Game and Fish Commissioners, Dover, Delaware.

The Development of the Pacific Herring Egg and its Use in Estimating Age of Spawn, by D. N. Outram, Circular No. 40, 11 pp., illus., processed. Pacific Biological Station, Fisheries Research Board of Canada, Nanaimo, B. C., December 1955.

An Ecological Survey of Soldier Key, Biscayne Bay, Florida, by Gilbert L. and Nancy A. Voss, 27 pp., illus., printed. (Reprinted from Bulletin of Marine Science of the Gulf and Caribbean, vol. 5, no. 3, pp. 203-229, September 1955.) The Marine Laboratory, University of Miami, Coral Gables, Fla.

From Trawler to Table (Certain Aspects of Deep Sea Fishing in India), by U. Shanker Rao, 327 pp., illus., printed, Rs. 8/- (US\$1.75). U. Shanker Rao, 25 A. Palit St., Ballygunge, Calcutta 19, India. Discusses concisely such aspects of India's fisheries as mechanization, economics of owner-skipper management, types of trawlers and fishing boats suitable for India, fishery research, the use of aircraft for aerial spotting, the manufacture of fish meal, and a blueprint for Indian middle-water fisheries. The author shows how foreign capital could be invested for a joint Indo-foreign fishing corporation, and suggests a modern trawler fleet for India's fisheries. Among the other subjects covered in the book are commercial fishing in postwar years, Japanese fishing in India, Japanese bull trawling, mothership and dory fishing, shark fishing, distribution of fish, fishery research in India, development of tuna fishing in India, fish markets, and finance.

(Idaho) Twenty-Fifth Biennial Report of the Fish and Game Department, July 1, 1952 to June 30, 1954, 79 pp., illus., printed. Idaho Department of Fish and Game, Boise, Idaho. Includes, among other items, reports on the Federal Aid in Fish Restoration projects and the fisheries management program. The latter discusses commercial fishing, principally for rough fish, in Idaho.

Investigacion Pesquera (Fishery Investigations), vol. 1, 156 pp., and vol. 2, 178 pp., illus., printed in Spanish. Instituto de Investigaciones Pesqueras, Universidad de Barcelona, Barcelona, Spain, 1955.

(Ireland) Report on the Sea and Inland Fisheries for the Year 1954 (incorporating Statistics of the Capture of Salmon, Sea Trout and Eels),

47 pp., printed, 2s. 6d. (35 U.S. cents). Government Publications Sale Office, G.P.O. Arcade, Dublin, Ireland. This report covers the activities of the Fisheries Branch of the Department of Agriculture, and includes statistics on the quantity and value of Ireland's sea and inland fish and shellfish catch for 1954; and other related data.

(Kenya) Review of Kenya Fisheries, 1954, by Hugh Copley, 45 pp., illus., printed, 2s. (28 U.S. cents). The Government Printer, Nairobi, Kenya, 1955. Reviews the Kenya fisheries for 1954, with special reference to the river fisheries, hatchery work, a fish-culture farm, oyster research, crab survey, and marine fisheries. The report on the marine fisheries discusses production, prices, distribution and marketing, and exploratory and experimental work. It describes a study of markets; collection and disposal of shells in various forms; catching, preparation, and sale of turtles, crustacea, and beche-de-mer.

Man and the Winds, by E. Aubert de la Rue (translated from French by Madge E. Thompson), 206 pp., illus., printed, US\$6. Philosophical Library, New York 16, N. Y. For the man who depends on the sea and waters for his livelihood and for those who handle the food products of the sea, lakes, and rivers, the story of the winds has always been a fascinating one. The author of this book points out that in the past the wind was used mainly in navigation and here man showed his greatest courage and ingenuity in making himself at once master and servant of this great force of nature. But there is still a lot to learn about the winds and their affect upon the ocean currents and consequently upon the fish and shellfish life in the waters of the earth. Although the affect of the winds upon mankind is adequately covered, including almost every sphere of human activity--agriculture, forestry, biology, travel, sport, etc.--its affect on fishing and the availability and processing of fishery and aquatic products is practically not mentioned. In one place the author does point out that in "Norway and Newfoundland the wind dries the fish which is hung up, placed on wicker trays, or spread out on the beach for this purpose." Some of the subjects covered include the types and names of winds; hurricane winds; wind as a determining factor of climate; the wind as a source of energy; sailing ships; the study of winds; and the mention of winds in mythology and legend. While in the past the wind has for centuries driven man's ships and turned his wind mills, the author points out: "Who knows whether, perhaps in the near future, we shall not be able to return to the use of the wind, almost completely neglected in our age, and to exploit its motive power in a more rational and effective manner than in the past?" The book contains a bibliography, which consists mostly of French references, and an index.

--J. Pileggi

Mullet Fish Sticks, by C. Isaac Camber, Report 55-35, 7 pp., processed. The Marine Laboratory, University of Miami, Coral Gables, Fla., December 1955. A report to the Florida State

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Board of Conservation on a test, made in cooperation with the Southeastern Fisheries Association, with fish sticks made of mullet. Results of the tests showed that "Mullet sticks have a distinctive flavor which is stronger than that of cod, haddock or pollock sticks. This flavor is preferred by a substantial number of tasters, but more tasters questioned preferred the milder-flavored fish, perhaps because of greater familiarity with this type. The appearance of mullet sticks, especially the dark streaks in the meat, make this product less attractive to the buyer. Mullet fish sticks cannot be stored for protracted periods due to their high oil content. Low wholesale and retail prices, competitive with fish sticks made of fish obtained from northern waters, and a vigorous industry promotion campaign are necessary to introduce mullet fish sticks into the present market."

(New Zealand) Report on Fisheries for 1954, 38 pp., printed. Marine Department, Wellington, New Zealand, 1955. A report on the fisheries of New Zealand which discusses crayfish, fishing vessels and personnel, fish landings, methods of capture, landings by ports, exports and imports, fish-liver oil, whaling, oysters, white-bait, mussels, fresh-water fisheries and research, marine research, and legislation. Included also are statistical tables giving detailed data on the fisheries.

"Races of the Striped Bass, Roccus saxatilis (Walbaum), in Southeastern United States," by Edward C. Raney and William S. Woolcott, article, The Journal of Wildlife Management, vol. 19, no. 4, October 1955, pp. 444-450, illus., printed, single copy \$2. The Wildlife Society, 113 East Green St., Ithaca, N. Y.

II Reunion Sobre Productividad Y Pesquerias (Second Meeting on Productivity of the Ocean and Fishery Exploitation), 121 pp., processed in Spanish. Instituto de Investigaciones Pesqueras, Barcelona, Spain.

Scandinavian Fishing Year-Book (Year-Book and Directory for the European Fish Trade), 1955, edited by Robert Eddy, 272 pp., plus 16 colored plates, illus., printed, 50 Danish kroner (US\$7.50). Willy Rose, 59-61 Nyhavn, Copenhagen K, Denmark. A handy yearbook for those dealing with the fisheries of Scandinavian countries. It is particularly valuable to exporters and importers. An unusual feature of the book is the 16 colored plates depicting the various species of fish caught in Scandinavian waters or landed by Scandinavian fishing vessels and a name index in Latin and 15 other languages, including Danish, Dutch, English, Faroe, Finnish, French, German, Icelandic, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, and Swedish.

The Norwegian section contains articles on Norway's coast fisheries, vocational training for fishermen, deep-sea fishing, achievements in oceanography, increasing use of refrigeration, the herring oil and herring meal industries, sealing, exports of salt fish, salted herring,

cod-liver oil, stockfish, export of iced fresh herring and iced fresh fish, frozen fish fillets, klipfish, the Norwegian sales organizations, the fishing fleet, and a list of Norwegian fishery products exporters and advertisers.

The Danish section includes articles on Denmark's fishing industry in 1953, the Danish fishery administration and control of fishing, commercial trout farming, the technological laboratory of the Ministry of Fisheries, the Danish Fisheries Act of Quality Control with fish and fish products, the inspection of industrial products, quality control on the Faroe Islands, oyster fishing in Limfjorden, Danish fishery products exports in 1952, and a list of Danish exporters.

The section on Sweden contains articles on the Swedish canning industry, the fisheries of Sweden in 1952, and a list of Swedish associations and exporters.

Included also is a list of Dutch advertisers; German advertisers; an index of European importers and exporters, including Austria, Belgium, Bulgaria, Czechoslovakia, Finland, France, Germany, Great Britain, Greece, Holland, Hungary, Iceland, Ireland, Italy, Malta, Poland, Portugal, Spain, Switzerland, Yugoslavia. Also included is a list of importers and exporters in Africa, Asia, Australia, the United States, Canada, Central America, and South America.

Shrimp Prospecting in the Offshore Region of the British Columbia Coast, June to August, 1955, by T. H. Butler and G. V. Dobokovic, Circular No. 39, 24 pp., illus., processed. Pacific Biological Station, Fisheries Research Board of Canada, Nanaimo, B. C., November 1955. This circular describes results of a program conducted in the offshore region of the British Columbia Coast.

Transactions of the American Fisheries Society, 1954 (Eighty-Fourth Annual Meeting, Seattle, Wash., September 13, 14, 15, 1954), vol. 84, 436 pp., illus., printed, \$4.50. American Fisheries Society, Ann Arbor, Mich. (Order from Howard A. Tanner, Librarian, American Fisheries Society, Colorado A and M College, Fort Collins, Colo.) Part I consists of the papers presented at the Eighty-Fourth Annual Meeting of the Society. The following are some of the papers presented: "The Effects of Temperature and Predators on the Abundance of the Soft-Shell Clam, Mya arenaria, in New England," by John B. Glude; "The Reproduction of Lake Trout in Southern Lake Superior," by Paul H. Eschmeyer; "The Effect of Some Sulfonamides on the Growth of Brook Trout, Brown Trout, and Rainbow Trout," by S. F. Snieszko and E. M. Wood; "Sulfonamide Toxicity in Brook Trout," by E. M. Wood, W. T. Yasutake, and S. F. Snieszko; and "The Pygmy Whitefish, Coregonus courtieri, in Lake Superior," by Paul Eschmeyer. Part II contains panel discussions on problems of the commercial fisheries, and Part III reports on the business sessions of the Society.

