

1974 landings, while the decline in lake herring production, which began in 1962 when the catch was nearly 10 million pounds, was at a new low of 575,000 pounds in 1974. Canada's commercial fishery in Superior has had a relatively stable production at 3.0-3.5 million pounds in recent years. In 1974, lake

herring landings were 1.6 million pounds, thus representing nearly half the total catch by Ontario fishermen.

#### LAKE ONTARIO

The 1974 production in this relatively small, stable commercial fishery was 2.7 million pounds, with the Canadian

catch providing about 88 percent of the total. The yellow and white varieties of perch combined comprise about 40 percent of the total landings in both the New York and Ontario sections of the lake, but these waters also account for most of the Great Lakes commercial catch of bullheads, eels, and rock bass.

#### Publications

### Recent NMFS Scientific Publications

Data Report 102. Monk, Bruce H., Earl Dawley, and Kirk Beiningen. "Concentration of dissolved gases in the Willamette, Cowlitz, and Boise Rivers, 1970-72." June 1975. 19 p. on 1 microfiche. For sale by U.S. Department of Commerce, National Technical Information Service, 5285 Port Royal Rd., Springfield, VA 22131.

#### ABSTRACT

Data on dissolved nitrogen, dissolved oxygen, total gas pressure, and water temperatures are presented for the Willamette, Cowlitz, and Boise rivers. Water samples were taken upstream and downstream of dams and over a wide

range of river and dam discharges to obtain data on the relation between river flow and dam discharges and their effect on the total gas regime of the rivers.

NOAA Technical Report NMFS SSRF-692. Cook, Steven K. "Expendable bathythermograph observations from the NMFS/MARAD Ship of Opportunity Program for 1972." June 1975, 81 p. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

#### ABSTRACT

Results of the second year of operation of the NMFS/MARAD Ship of Opportunity Program are presented in the form of vertical distributions of temperature and horizontal distributions of sea surface salinity and temperature. Operational and data management procedures also are discussed.

#### LOS Casebook Is Published

**Law of the Sea: Cases, Documents, and Readings**, by H. Gary Knight, has been published by Nautilus Press, 1056 National Press Bldg., Washington, DC 20004 (\$25.00). The author is Campanile Charities Professor of Marine Resources Law at Louisiana State University and has been teaching law of the sea at LSU's Law Center for six years. The book constitutes a revision and complete updating of teaching materials developed there.

The book is meant for use by government officials and industry executives, as well as teachers and students. Punched for a three-ring binder, the publisher will provide annual supplements to the book. Almost 900 pages, the book includes most primary documents of importance to the development and continuing negotiation of the law of the sea. Annexes include the four 1958 Geneva Conventions and a number of statistics relating to the law of the sea.

### ARTIFICIAL REEF VOLUME PRINTED

**Proceedings of an International Conference on Artificial Reefs**, edited by Laura Colunga and Richard Stone, has been published by the Texas A&M University. Cosponsored 20-22 March 1974 by Texas A&M's Center for Marine Resources, the Texas Coastal and Marine Council, and the National Marine Fisheries Service, the conference was the first devoted entirely to artificial reefs. The 33 contributions in the 152-page volume cover: Artificial reefs around the world; the scientific view; building artificial reefs; and economic and legal views.

Historic reviews of artificial reef programs in Japan, Puerto Rico, Virgin Is-

lands, France, and Australia are presented while other papers discuss reef construction in such states as North and South Carolina, Florida, California, Hawaii, Texas, Georgia, and Alabama. Use of baled tires and baled urban refuse for artificial reefs, geological considerations for reef sites, artificial reefs as experimental tools, and oil structures as artificial reefs are also described.

Legal aspects discussed include the regulatory policies of the Environmental Protection Agency, U.S. Coast Guard, Corps of Engineers, and the National Oceanic and Atmospheric Administration, as well as possible legal problems in siting artificial reefs on the continental shelf. Commercial fishing and shipping industry views are also presented.

Copies of the proceedings (publication number TAMU-SG-74-103) are available from the Center for Marine Resources, Texas A&M University, College Station, TX 77843 at \$4.00 each.

#### Tuna Potential Noted for Western Australia

The Department of Fisheries and Wildlife in Western Australia has recently published a report by J.P. Robins entitled **Some Aspects of Tuna and its Potential in the Oceanic Waters off Western Australia** (Report No. 17). The report briefly describes the growth of the tuna fishery in Australia, world production, utilization, price and future demand, tuna species descriptions, species occurrence around the Australian coast, and the results of two aerial surveys for tuna off the west and northwest coasts of western Australia. Requests for this publication should be sent to the Department of Fisheries and Wildlife, 108 Adelaide Terrace, Perth, Australia.