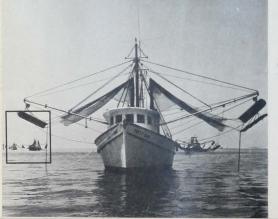
## **Marine Fisheries Review**

Vol. 35, Nos. 3-4 March-April 1973

## CONTENTS

- 1 Shrimp '73-A Billion Dollar Business, Philip M. Roedel
- 3 Who Eats Shrimp?
- 6 Shrimp Imports in 1972 Total 223.2 Million Pounds
- 7 European Demand Spurs New England Shrimp Catches, John R. Kallio
- 8 The Shrimp Dollar, 1972, Donald R. Whitaker
- 9 Fishery for Northern Shrimp, *Pandalus borealis*, in the Gulf of Maine, Roland L. Wigley
- 14 Gulf Estuaries Studied
- 16 Shrimp Research at the Galveston Laboratory of the Gulf Coastal Fisheries Center, Robert F. Temple
- 21 Gulf of Mexico Shrimp Resource Research, Charles W. Caillouet, Jr., and Kenneth N. Baxter
- 24 An Automatic Pumping Device for Sampling Postlarval Shrimp (*Penaeus* spp.), Frank Marullo
- 27 White Shrimp (*Penaeus setiferus*) Population Trends in a Tidal Marsh Pond, Stephen H. Clark and Charles W. Caillouet, Jr.
- 30 Shrimp Research Program at Southeast Fisheries Center
- 31 Distribution of Commercial Shrimp off the Northeastern Coast of South America, Robert Cummins, Jr., and Albert C. Jones
- 36 Shrimp Industry of Central America, Caribbean Sea, and Northern South America, George B. Gross
- 55 Status of the California Ocean Shrimp Resource and Its Management, W. A. Dahlstrom
- 61 Alaskan Shrimp Fisheries
- 62 Pandalid Shrimp Life History Research at Kachemak Bay, Alaska, James C. Olsen
- 65 Studies of Spot Shrimp, *Pandalus platyceros*, at Little Port Walter, Alaska, Louis Barr
- 67 Progress Toward Farming Shrimp in the United States, Richard A. Neal
- 71 Shrimp Culture in Japan, C. R. Mock
- 76 NMFS Aids Shrimp Studies in States
- 77 NMFS Publications on Shrimp, 1970-72
- 80 Editor's Comments



## U.S. DEPARTMENT OF COMMERCE Frederick B. Dent, Secretary

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION Robert M. White, Administrator

National Marine Fisheries Service Philip M. Roedel, Director



Address correspondence to: Marine Fisheries Review, NMFS Scientific Publications Staff, Room 450, 1107 N.E. 45th St., Seattle, WA 98105.

Publication of material from sources outside the Service is not an endorsement. The Service is not responsible for the accuracy of facts, views, or opinions of these sources.

Although the contents have not been copyrighted and may be reprinted freely, reference to source is appreciated.

The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through May 31, 1973.

## Editor: Thomas A. Manar

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Price \$1.25 (single copy). Subscription price: \$12.50 a year; \$15.75 a year for foreign mailing.