Marine Fisheries

W. L. Hobart, Editor J. A. Strader, Managing Editor





On the cover: A large sand tiger shark is one of many bycatch species in this September 2002 trawl from the Delaware Bay area. Photo by Peter Chase, NMFS.



Articles

74(2), 2012

Bycatch Provisions in the Reauthorized Magnuson-Stevens Act

Bycatch in Marine Fisheries

Reducing Sea Turtle Bycatch in Trawl Nets: A History of NMFS Turtle Excluder Device (TED) Research Lee R. Benaka, Laura F. Cimo, and Lekelia D. Jenkins

John M. Ward, Lee R. Benaka, Christopher 13 M. Moore, and Steve Meyers

> Lekelia D. Jenkins 26

U.S. DEPARTMENT OF COMMERCE

Rebecca M. Blank, Acting Secretary of Commerce

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Dr. Jane Lubchenco, Under Secretary for Oceans and Atmosphere

National Marine Fisheries Service

Samuel D. Rauch III. Acting Assistant Administrator for Fisheries

The Marine Fisheries Review (ISSN 0090-1830) is published quarterly by the Scientific Publications Office, National Marine Fisheries Service, NOAA, 7600 Sand Point Way N.E., BIN C15700, Seattle, WA 98115. Annual subscriptions are sold by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. The annual subscription price is \$25.00 domestic, \$35.00 foreign. Single copies are \$9.50 domestic, \$13.30 foreign. For new subscriptions write: New Orders, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954.

Although the contents of this publication have not been copyrighted and may be reprinted entirely, reference to source is appreciated.

Publication of material from sources outside the NMFS is not an endorsement, and the NMFS is not responsible for the accuracy of facts, views, or opinions of the sources. The Secretary of Commerce has determined that the publication of this periodical is necessary for the transaction of public business required by law of this Department. Use of the funds for printing this periodical has been approved by the Director of the Office of Management and Budget.

The NMFS does not approve, recommend, or endorse any proprietary product or proprietary material mentioned in this publication. No reference shall be made to the NMFS, or to this publication furnished by the NMFS, in any advertising or sales promotion which would indicate or imply that the NMFS approves, recommends, or endorses any proprietary product or proprietary material mentioned herein, or which has as its purpose an intent to cause directly or indirectly the advertised product to be used or purchased because of this NMFS publication. This issue, volume 74 number 2, was printed and distributed in November 2012.

This publication is available online at http://spo.nwr.noaa.gov/mcontent.htm cult

that ann ton Thi of t har bec kep not afte

mea Offic

Fish High Cim Nati

L Mar Was

ine to i cies tion Pres Mag and 200 U.S Pro

ing post

devi