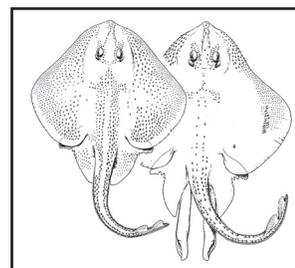


# Marine Fisheries REVIEW

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



On the cover:  
Little skate, *Leucoraja erinacea*, left: female, 17.5 in;  
right: male, 20 in; From Bigelow and  
Schroeder (1953), drawing by E. N. Fischer.

---

Articles

77(4), 2015

Landings Composition of the Northeast U.S. Skate, Rajidae, Wing  
Fishery and the Effectiveness of Prohibited Species Regulations

*Tobey H. Curtis and  
Katherine A. Sosebee* 1

Meeting National Standard 8: Ground-truthing Social  
Indicators of Fishing in South Atlantic Coastal Communities

*David Griffith, Brent Stoffle,  
and Michael Jepson* 9

Measuring Relationship Marketing in Small-Scale  
Fishing in Oman and Enhancing Efficiency and  
Economic Gains for Traditional Fishermen

*Omar al-Jabri,  
Ray Collins, Ximing Sun,  
Shekar Bose, and Rakesh Belwal* 20

---

## U.S. DEPARTMENT OF COMMERCE

Penny Pritzker  
Secretary of Commerce

## NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Kathryn D. Sullivan  
Under Secretary for Oceans  
and Atmosphere

## National Marine Fisheries Service

Eileen Sobeck  
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., 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. New subscriptions may be purchased online at <http://bookstore.gpo.gov/products/sku/703-028-00000-4> or by mail at U.S. Government Printing Office, P.O. Box 979050, St. Louis, MO 63197-9000.

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 77 number 4, was printed and distributed in early January 2017.

This publication is available online at  
<http://spo.nmfs.noaa.gov>