

# Marine Fisheries REVIEW

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



On the cover:  
Bowhead whale and calf  
with a pair of beluga whales.  
Photo Credit: Corey Accardo (NOAA).  
Marine Mammal Permit: 14245, Collaborative  
effort between NOAA and the North Slope Borough.



---

## Articles

79(2), 2017

Late Summer Distribution of Cetaceans near  
Barrow, Alaska: Results from Aerial Surveys  
Conducted During the Bowhead Whale Feeding  
Ecology Study, 2007–11

*Kim E.W. Shelden, Julie A. Mocklin, Kimberly T. Goetz,  
David J. Rugh, Linda Vate Brattström, and  
Nancy A. Friday*

1

From Whaling to Tagging: The Evolution  
of North Atlantic Humpback Whale Research  
in the West Indies

*Amy S. Kennedy and Phillip J. Clapham*

23

Asphyxiation of an Endangered Cook Inlet  
Beluga Whale, *Delphinapterus leucas*

*Natalie Rouse, Kathy A. Burek-Huntington,  
and Kim E.W. Shelden*

38

---

### U.S. DEPARTMENT OF COMMERCE

Wilbur L. Ross  
Secretary of Commerce

### NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

RDML Tim Gallaudet, Ph.D., USN Ret.  
Acting Under Secretary for  
Oceans and Atmosphere

### National Marine Fisheries Service

Chris Oliver  
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 79 number 2, was printed and distributed in February 2018.

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

---

*Citizen Science*

---

---

Errata

---

**131**