

NOAA Fisheries and Seabirds

The Importance of these Feathered
Oceanographers to NOAA

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Contents

- **Seabirds and Fish**
- **Seabirds and Fisheries**
- **Seabirds and NOAA- A personal history**
- **Why Seabirds are important to NOAA**
- **Why this workshop is important**

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Brown Pelican,
Mexico
www.geocities.com

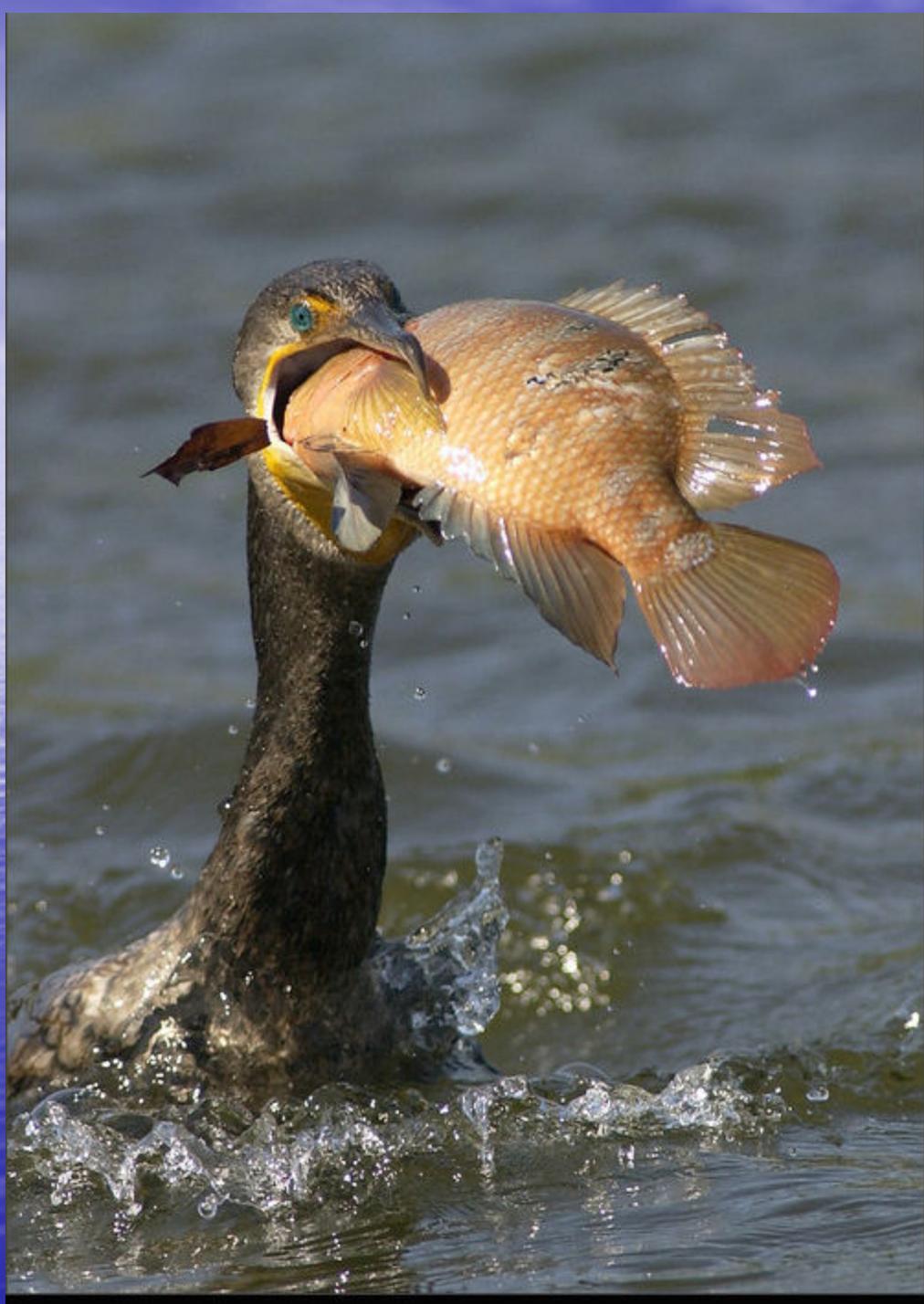


Photo Rick Slopoki
http://slopoki1.smugmug.com/popular/3/262924600_N4wtr#147402558_4mfPf-XL-LB



Atlantic Puffin in Maine with Hake

By Robert F. Bukaty, AP



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Photo Rick Slopoki

http://slopoki1.smugmug.com/popular/3/262924600_N4wtr#262924600_N4wtr

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Photo by Sophie Webb



Source: picasaweb.google.com/.../5Yfnl1eaX8znKif_1HKh4Q



Photo: NOAA



Photo: Paul Sievert

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Photo: NOAA



Photo: NOAA



Photo: Michael Van Woert,
NOAA NESDIS, ORA

Environmental Assessment of the Alaskan Continental Shelf



Annual Reports of Principal Investigators
for the year ending March 1979

Volume I. Receptors — Mammals
— Birds

On Reserve



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

U.S. FISHERY & WILDLIFE SERVICE—ALASKA
3 4982 00033926 6



OUTER CONTINENTAL SHELF ENERGY PROGRAM
JUNEAU PROJECT OFFICE
P. O. BOX 1808
JUNEAU, ALASKA 99802

The Reproductive Ecology, Foods, and Foraging Areas of
Seabirds Nesting on St. Paul Island, Pribilof Islands

A Six Month Progress Report to the
NOAA - OCSEP Group
1 November 1975

by

G.L. Hunt, Jr., M.W. Hunt, S.D.L. Causey,
D.B. Schwartz and L.E. Holmgren

University of California at Irvine

Contract number 03-5-022-72 Research Unit #83



Magnuson-Stevens Fishery Conservation and Management Act

Public Law 94-265

As amended through October 11, 1996



AN ACT

To provide for the conservation and management of the fisheries, and fo

ECOSYSTEM-BASED FISHERY MANAGEMENT

A Report to Congress

by the

Ecosystem Principles Advisory Panel

As mandated by the Sustainable Fisheries Act amendments to the
Magnuson-Stevens Fishery Conservation and Management Act 1996

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Why Seabirds are important to NOAA

- People care about them
- Bycatch of endangered species can shut down fisheries
- They are an alternate sampler of the marine environment-
 - Zooplankton species composition & abundance
 - Forage fish distribution and abundance
 - Pollutants in the marine environment
- People care about them

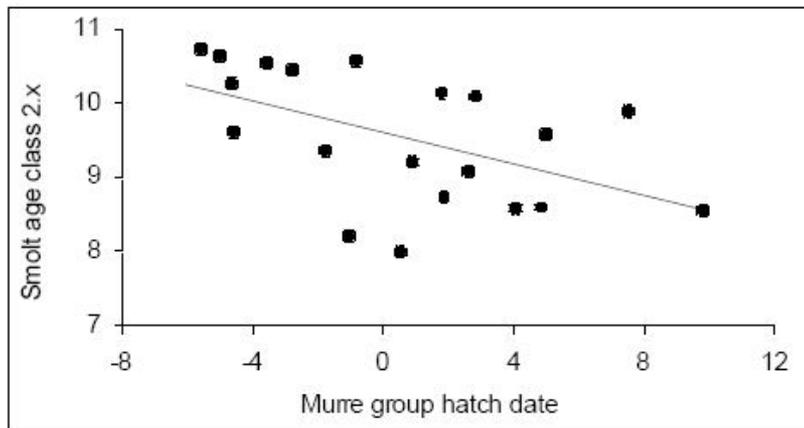
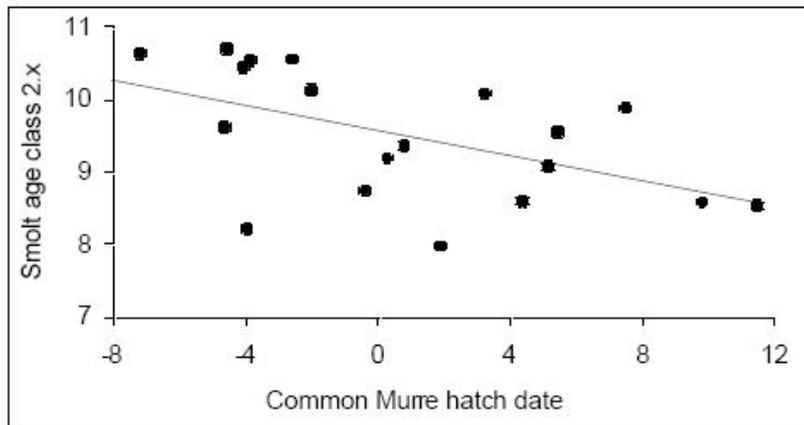
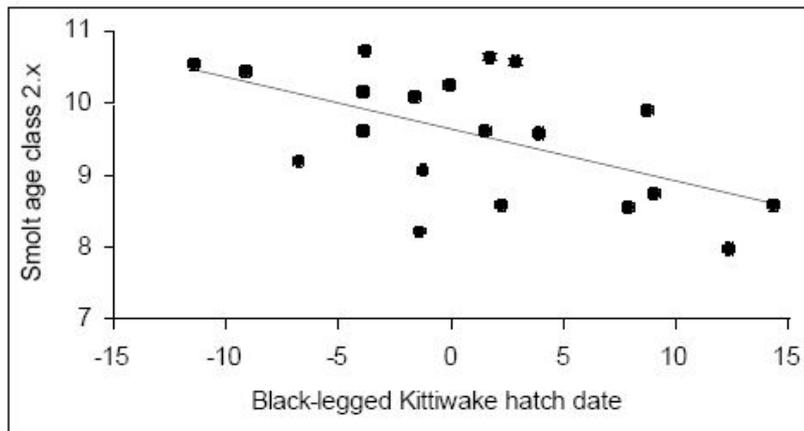


Brown Pelican,
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Short-tailed Albatross

Photo: Forest & Kim Starr



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Why this Workshop is Important

- A mechanism to help resolve NOAA's identity crisis re seabirds-
 - Who is responsible for what? NMFS, USFWS, USGS, Corps of Engineers, etc
 - NMFS as Ocean Stewards
 - Part of seabird needs a NMFS responsibility
 - With other agencies, build a knowledge base
- Facilitate collaboration among NOAA Regions
- Identify resource needs and ways to find them



Photo: Mike Brittain

Seabirds and Fish

- Seabirds eat fish
- Seabirds may depend on large predatory fish to concentrate prey at the ocean's surface
- (Sea)birds may transport fish to new regions
- (Sea)birds may carry diseases that are bad for fish

Seabirds and Fisheries

- Fishers follow seabirds to locate fish
- Seabirds follow fishers to locate fish (offal and discards)
- Seabirds get killed in fishing operations (bycatch, collisions)
- Seabirds make a mess of people's boats

Seabirds and NOAA

A brief personal history

- 1961- NOAA RV Albatross IV supported Mass. Audubon observer looking for color-marked gulls.
- 1975- mid 1980s- OCSEAP a joint NOAA-BLM activity
 - East and West Coast, Gulf of Mexico and Alaska
- 1990s- Endangered Species Act, bycatch
- 2000s- Ecosystem-based Management

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