

Marine Mammals in Our Backyard

Northeast Fisheries
Science Center



NOAA
FISHERIES

Woods Hole
Sea Grant



NOAA FISHERIES
Northeast Fisheries Science Center

Coasts, Oceans, And Stewardship Program (COAST)

Woods Hole
Sea Grant



What is a mammal?



Live Birth



Mammary Glands



Breathe air through lungs (have diaphragm)



What is a mammal?

Warm-blooded (endothermic)



Hair



What is a marine mammal?

Mammals adapted for life in the marine environment



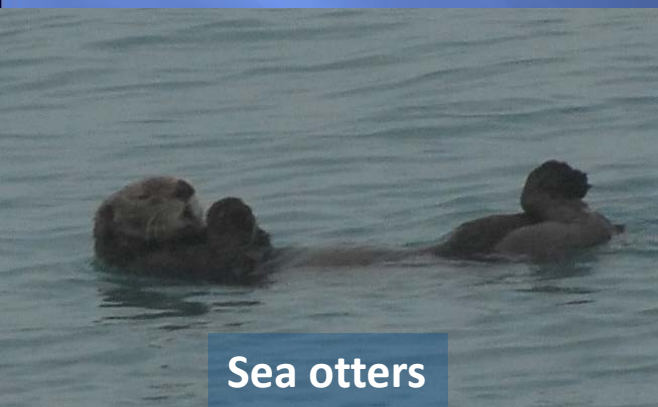
Cetaceans
(whales, dolphins, porpoises)



Photo: Jake Levenson

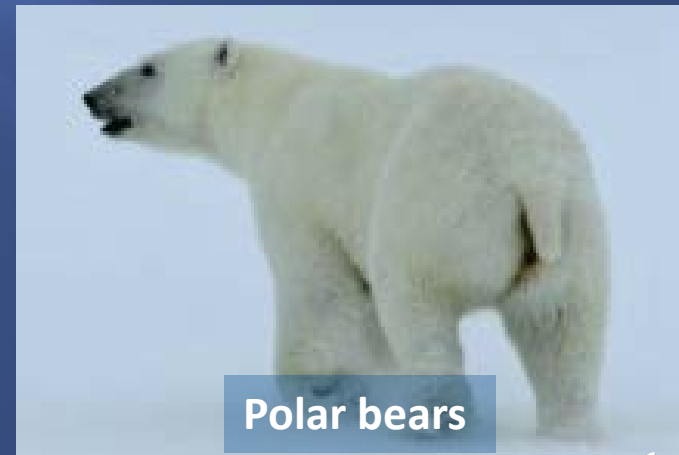
Sirenians
(manatees, dugongs)

What are some local
marine mammals and
why study them?



Sea otters

Pinnipeds
(seals, sea lions, walruses)



Polar bears

Where is Your Backyard?



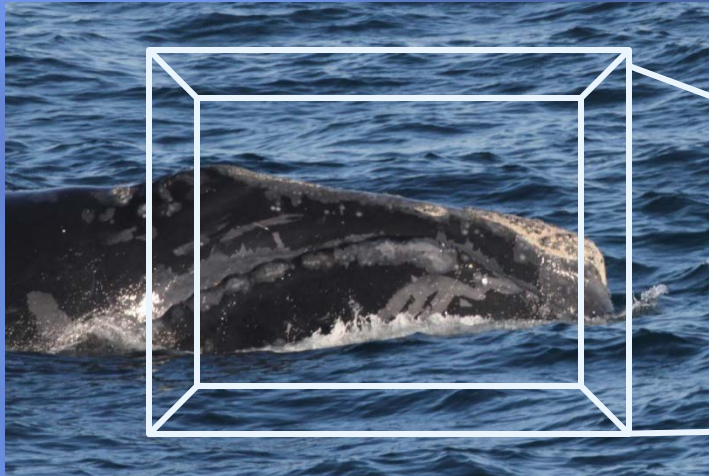
North Atlantic Right Whale (*Eubalaena glacialis*) – Their Backyard?



Where is Your Backyard?



Right Whale Science in Action

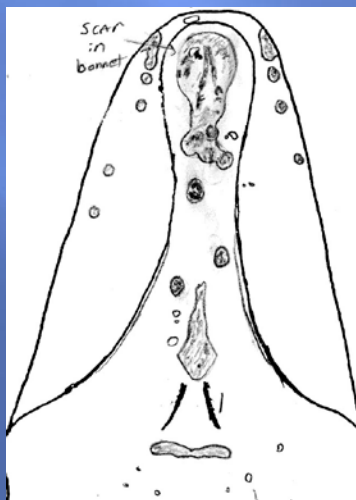


Shipboard Surveys

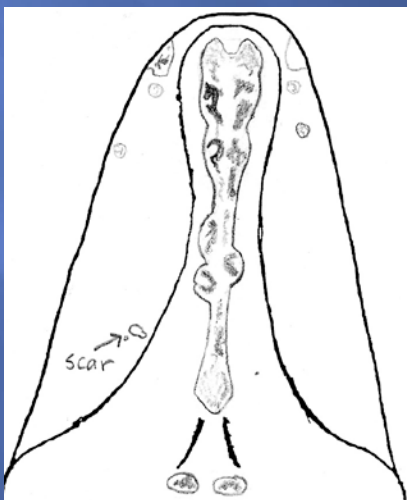
Can you ID the right whale?



1



2



3

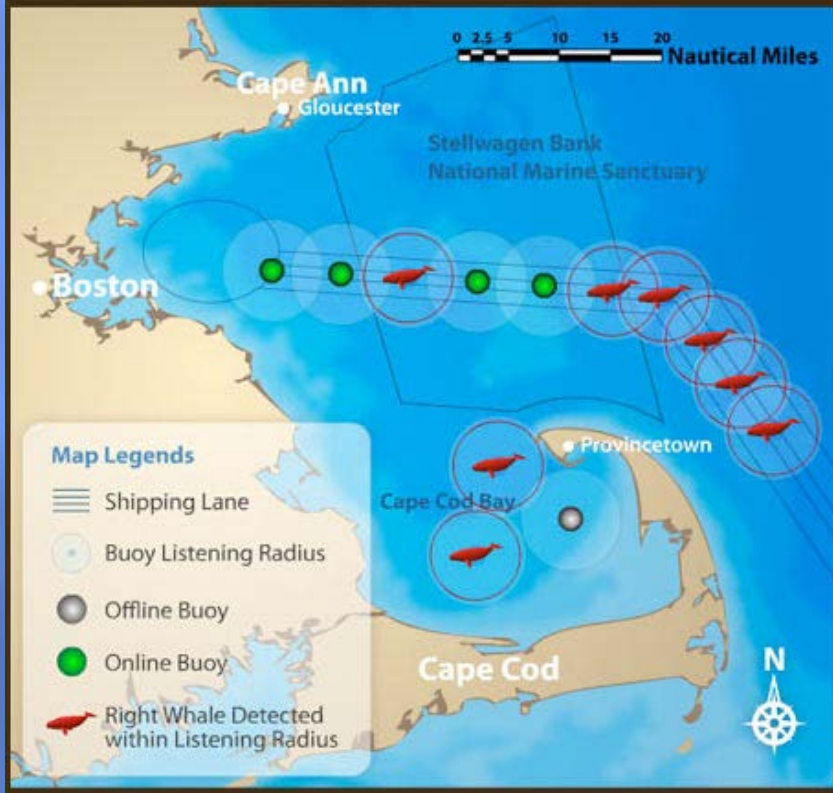


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Right Whale Listening Network

368 Right Whale Calls Detected Within 24 Hours.



[Listen For Whales Website](#)



“Whale Alert” iPad & iPhone app
for mariners :

-receive real-time information on
right whale locations and local
management guidelines

How do we tell marine mammals apart?



Marine Mammals in OUR Backyard



SCIENTIST SPOTLIGHT

Our very own PSB scientist...

Allison Henry flies in a plane looking for North Atlantic Right Whales. She takes pictures of the whales she sees for photo identification. She also counts how the whales and records their location so they can warn shipping vessels to slow down.



Scientist Spotlight

Our very own Woods Hole
Oceanographic Institution
scientist...

Michael Moore is the director
of the WHOI Marine
Mammal Center. He works
with many species of whales
and works to review the
causes of death for
protected marine mammals.



How can we help?

Don't litter



Recycle

Buy eco-friendly products



Conserve

Spread
the word

