

Marine Mammals

Mammalia

Intro to marine mammals

The class is Mammalia

Animals in this class include:
polar bear, sea otter, harbor
seal, grey seal

Some characteristics of this
class is nomiothermous
(warm blooded), hairy, and
have oil glands



Habitat, reproduction, & feeding strategies

The habitat – the habitats can be
divers, but
they all are in the open ocean



Reproduction – all marine animals
reproduce sexually, they give live
birth and do NOT lay eggs

Feeding strategies – most pursue
prey in the water, but they do it by
collecting groups and engulfing
them

Biological resources of the sea

We eat them

They help sustain
our ecosystem



Predator/prey relations & symmetry/anatomy

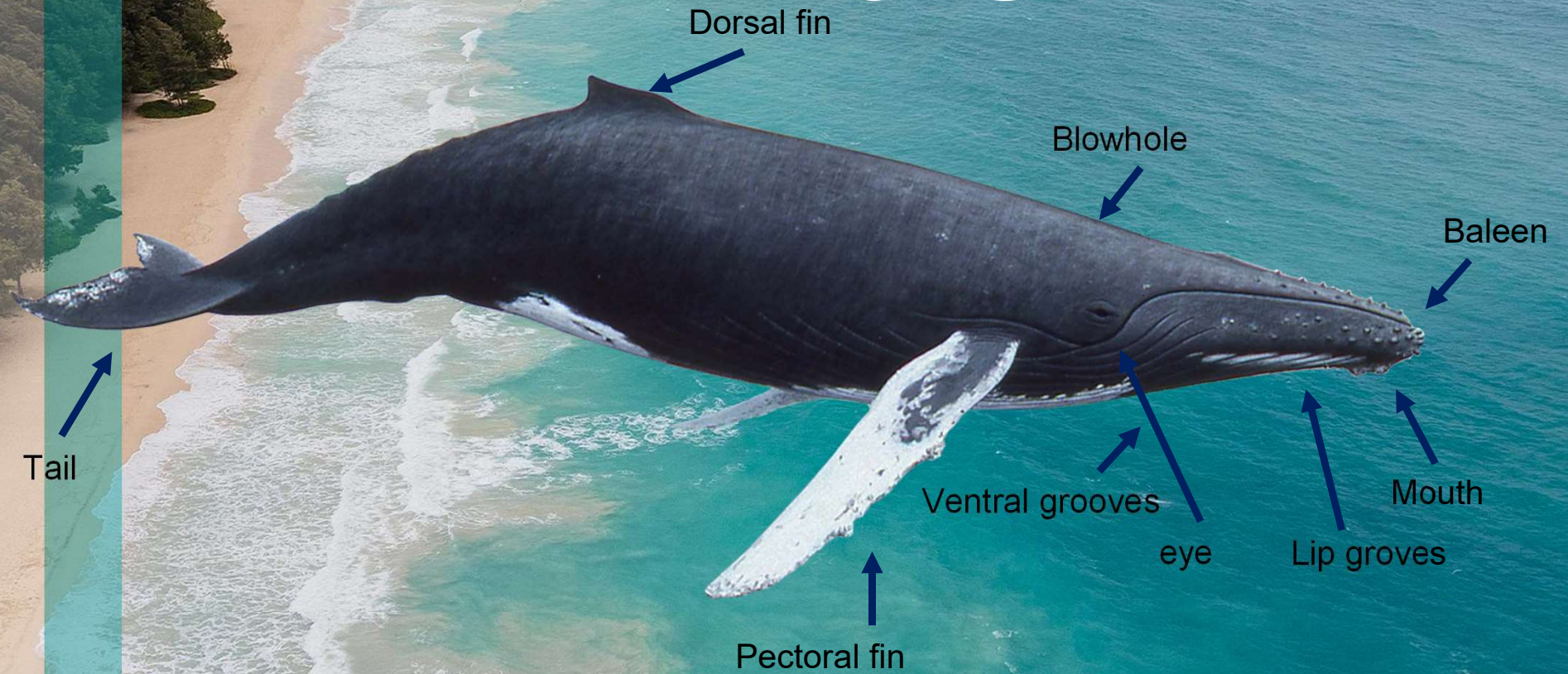
Predator/prey relations -

Most marine animals are predators but a few of them are prey

Symmetry/anatomy -
Bilateral and radial
symmetry



Whale



Mammals' adaptations

Here's some adaptations that marine mammals have:

1. Ability to swim and dive
2. Gills and breathing adaptations
3. Blubber for heat

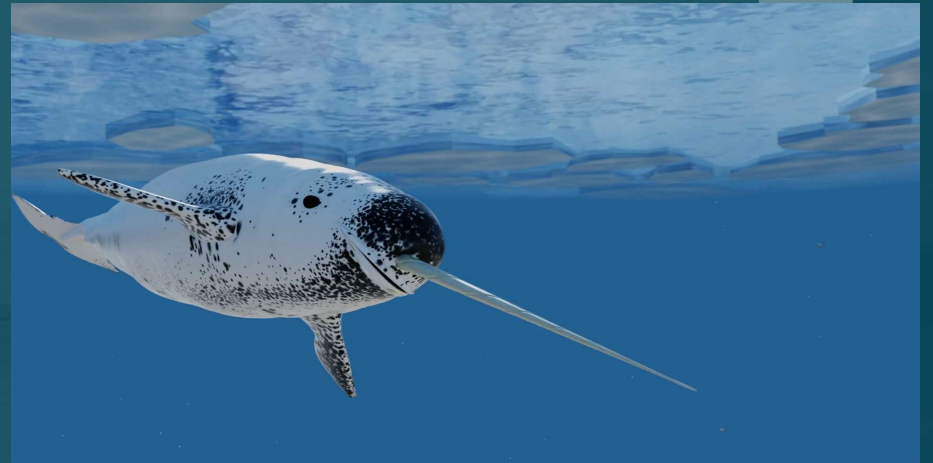


Narwals

Narwals grow up to be about 17 feet and 4,200 pounds

Narwals are considered apart of the toothed whale family even though they don't have teeth

Males have an ivory spiral zed tooth that can be up to 10 feet long



Orcas

They are considered to be apart of the dolphin family

They are also the largest of that family

Females can live up to 90 years and males can live up to 60 so females live longer

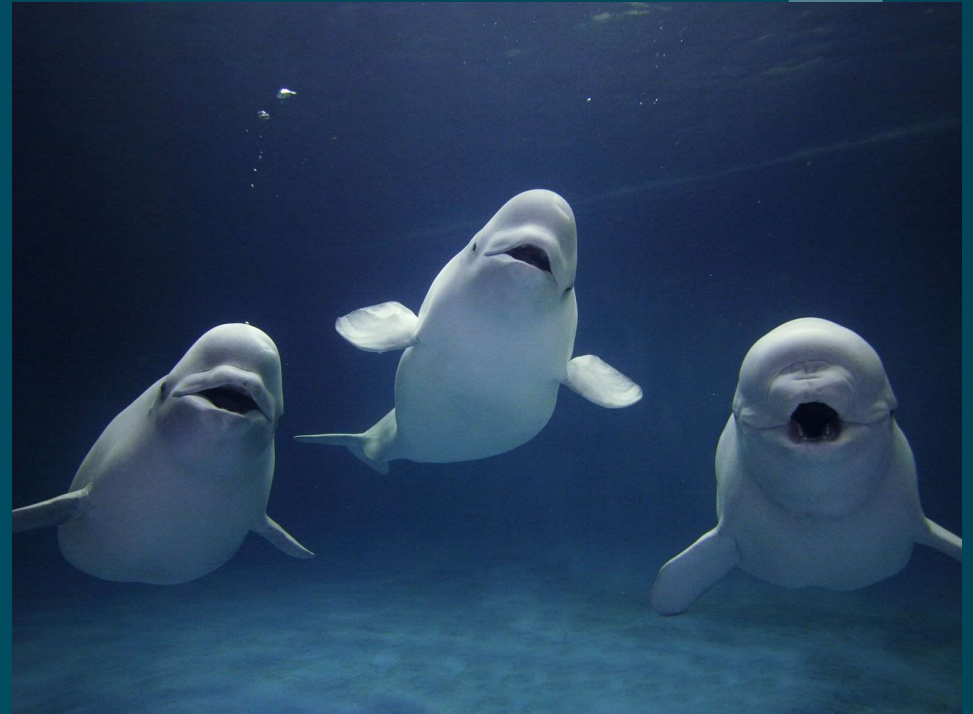


Beluga Whales

They are born grey, but they get lighter as they mature

They have flexible foreheads that are called melons

They help them produce sound and make facial expressions



Human impacts

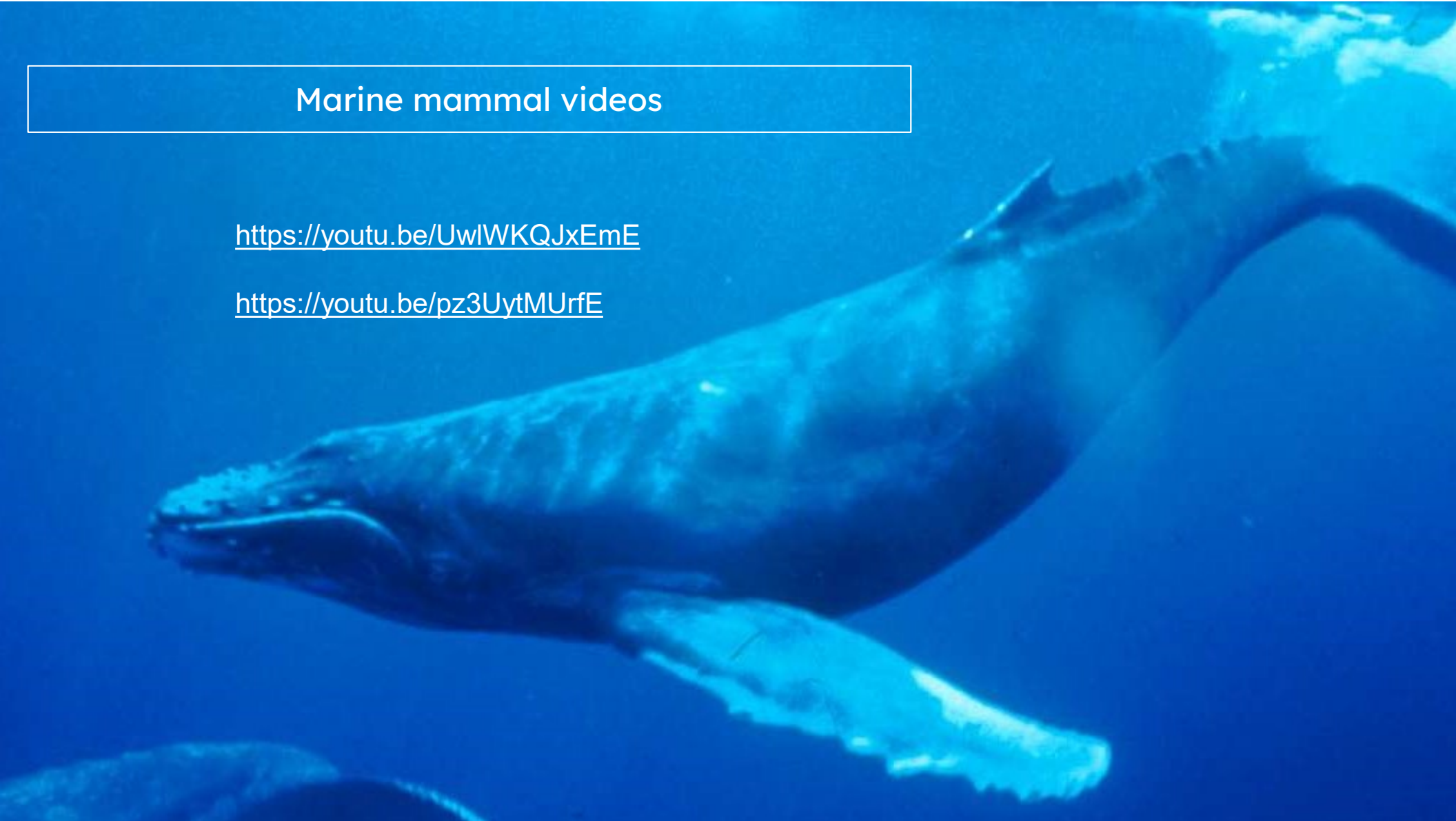
- Ocean acidification
- Prey depletion
- chemical and noise pollution
- habitat destruction



Marine mammal videos

<https://youtu.be/UwIWKQJxEeE>

<https://youtu.be/pz3UytMUrfE>





Fun Facts

Marine mammals are very diverse and interesting creatures

The Antarctic blue whale is the biggest animal on the planet, weighing up to 400,000 pounds (approximately 33 elephants) which is equivalent to 200 tons and reaching up to 98 feet in length.

Kahoot link

The end!
DO YOU HAVE ANY QUESTIONS?

