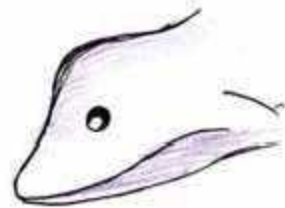


Dolphin a bit of knowledge

- ① The difference between whales and dolphins.
 - There is no big taxonomic difference between dolphins and whales.
 - A large one with a length of 4 meters is called a whale, and a small one is called a dolphin.
- ② Dolphin's super high spec sonar
 - The sound waves used by dolphins are used for communication.
 - Sound waves are used for hunting such as making small fish faint.

It is also said that the characteristics of the bait can be transmitted to friends by sound waves.



[reference site]
photo by Open Cage

Why can't penguins fly??

Because...

- ① There isn't a living natural enemy of penguins in the south.
- ② The ocean is more abundant so it no longer needs to fly.

Summary

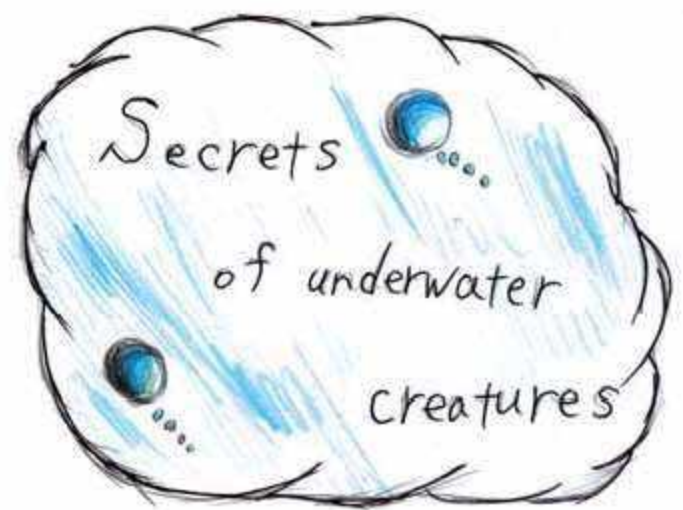
- Scallops are actually poisonous, and shipment may be restricted if the regulation value is exceeded.
- Dolphins are good at communication and have various abilities
- Penguins no longer fly for efficient feeding.

Consideration

- Humans have evolved so far, but at the same time we learned that animals devised things such as changing the way they eat food.
- We went to make use of what we learned by creating an environment in which animals can live.



[reference site]
wikipedia



Group 7

Hirosaki Minami high school

2020	2021	2022
2023	2024	2025
2026	2027	2028
2029	2030	2031

* About the ecology of aquatic organisms summarized in this leaflet. we have compiled the organisms that individuals have wondered about.

purpose

Let's deepen knowledge of aquatic organisms that coexist with humans and the earth!

contents

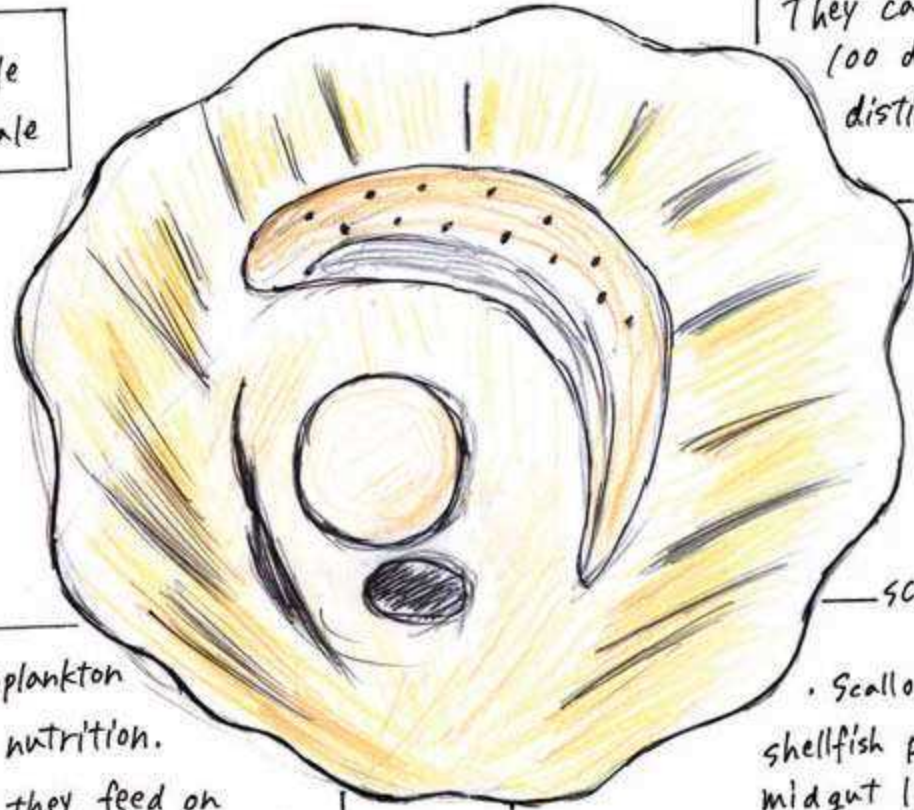
- Aomori Prefecture best 3 catches
- How scallops work
- Dolphin: a bit of knowledge
 - ① Difference from whale
 - ② Dolphin super high spec sonar
- About the mystery of the penguin

Aomori prefecture seafood	
Heisei 20	Heisei 30
1 Scallop	Scallop
2 Cuttle fish	Sardine
3 Mackerel	Mackerel

Scallop's working

gonad

white → male
red → female



wantle

There are shells on the mantle and 60-120 eyes are. They can see around 100 degrees and distinguish between light and dark.

gills

Absorbs phytoplankton from gills for nutrition. In addition, they feed on microbial carcasses and organic matter generated from animals.

scallop midgut gland

Scallop may accumulate shellfish poisons in the midgut line and if Japan exceeds the regulation value, it regulates shipment. Shellfish poisons are diarrheal and paralytic.

A bit of knowledge

Scallop has a heart, kidney, mouth, foot, anus and esophagus.

[reference site]

- Exploring how to eat fish
- UGS site