

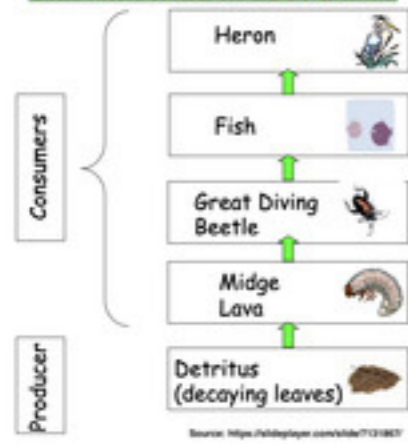
Ecology Experts

Practice Test

Quiz

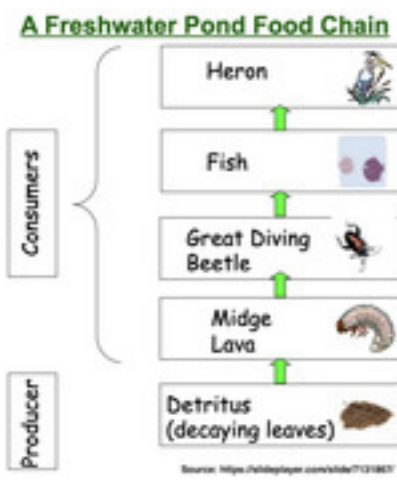
Section 1

A Freshwater Pond Food Chain



Click on the food chain to make it bigger. If the number of Great Diving Beetles decreases in this food chain, which population will most likely increase?

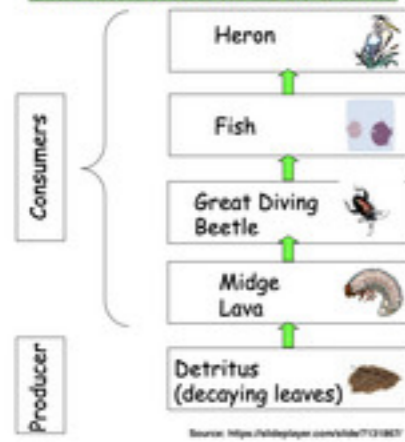
- Heron
- Fish
- Midge Larva
- Detritus



Click on the food chain to make it bigger. If the number of herons increases in this food chain, the fish population will likely...

- Increase
- Decrease**
- Stay the Same
- You cannot tell the answer from this information

A Freshwater Pond Food Chain



Click on the food chain to make it bigger. Which of these organisms is considered a carnivore? Click all that apply.

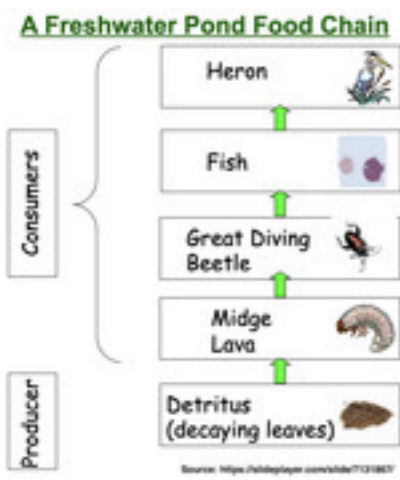
- Heron**
- Fish**
- Great Diving Beetle**
- Midge Larvae

A Freshwater Pond Food Chain



Click on the food chain to make it bigger. Which organism would have the largest number of individuals in this ecosystem?

- Heron
- Fish
- Great Diving Beetle
- Midge Larvae



Click on the food chain to make it bigger. Which organism eats the fish?

- Heron
- Fish
- Great Diving Beetle
- Midge Larvae

- Seal
- polar bear
- Birds
- Ice
- water
- sunlight
- soil
- plankton
- Jellyfish
- fox
- temperature

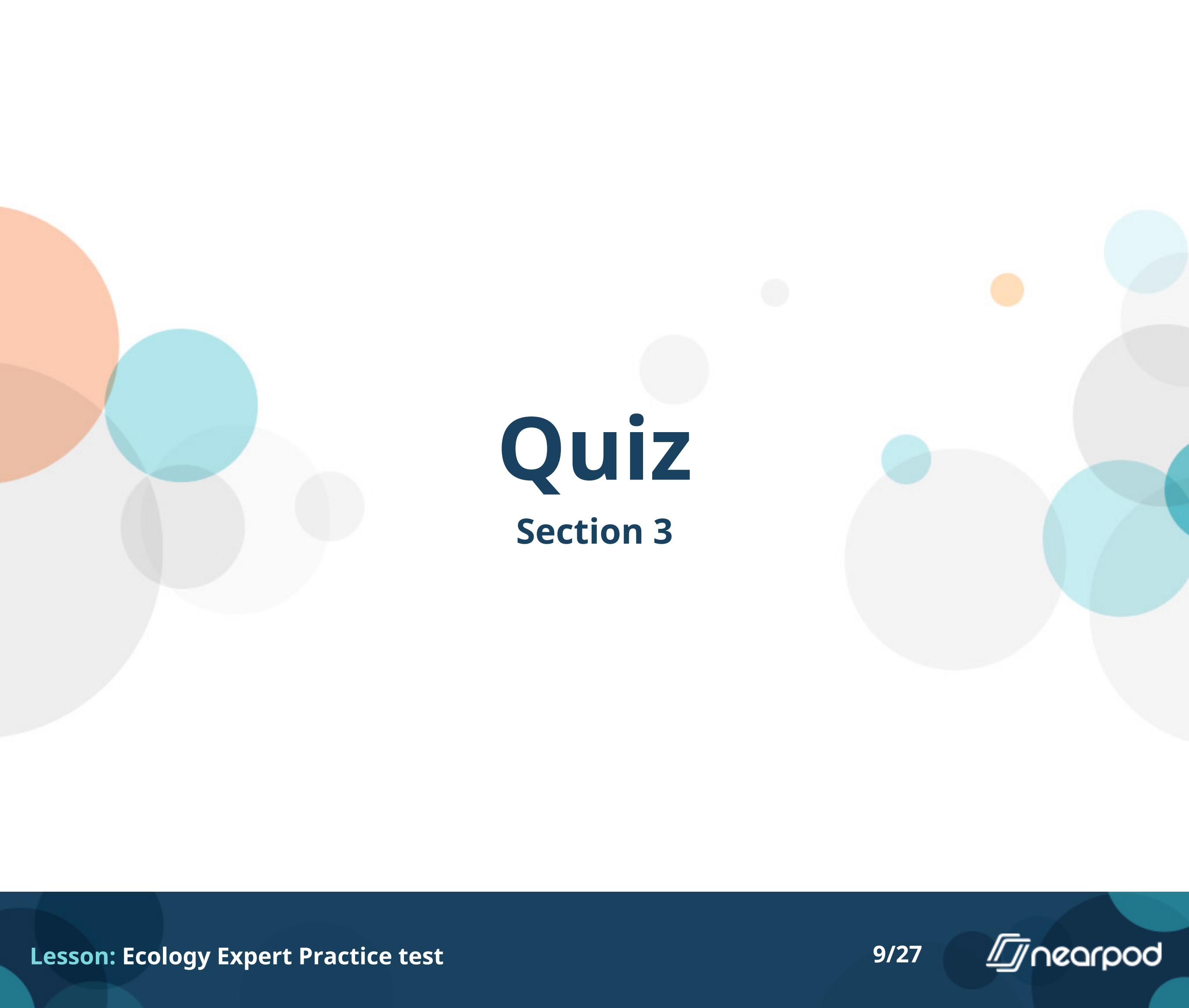


Separate the biotic & abiotic factors in this ecosystem by dragging the words to the right column

^ Instructions



Drag & Drop



Quiz

Section 3



Barnacles attach themselves to whales and filter food from the water as the whale eats and moves. The whale is not bothered by this. This is an example of:

- Mutualism
- Commensalism
- Parasitism



Remora fish swim very close to larger animals, like sharks and whales. When the bigger animal feeds, the remora eats the extra food that falls as the animal bites. The remoras will also clean harmful parasites off the larger animal's body. This is an example of:

- Mutualism
- Commensalism
- Parasitism



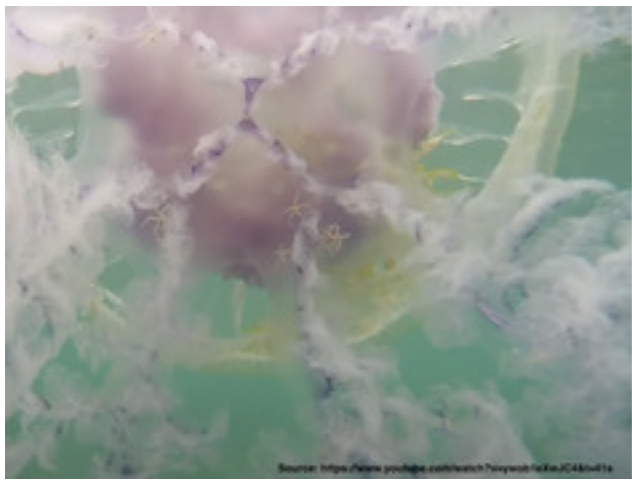
Heterosporis gets in the muscle tissue of freshwater fish, such as yellow perch. Once there, it begins to produce millions of spores that break down and liquefy muscle matter, replacing entire sections of the fish with white, opaque spores. This is an example of:

- Mutualism
- Commensalism
- Parasitism



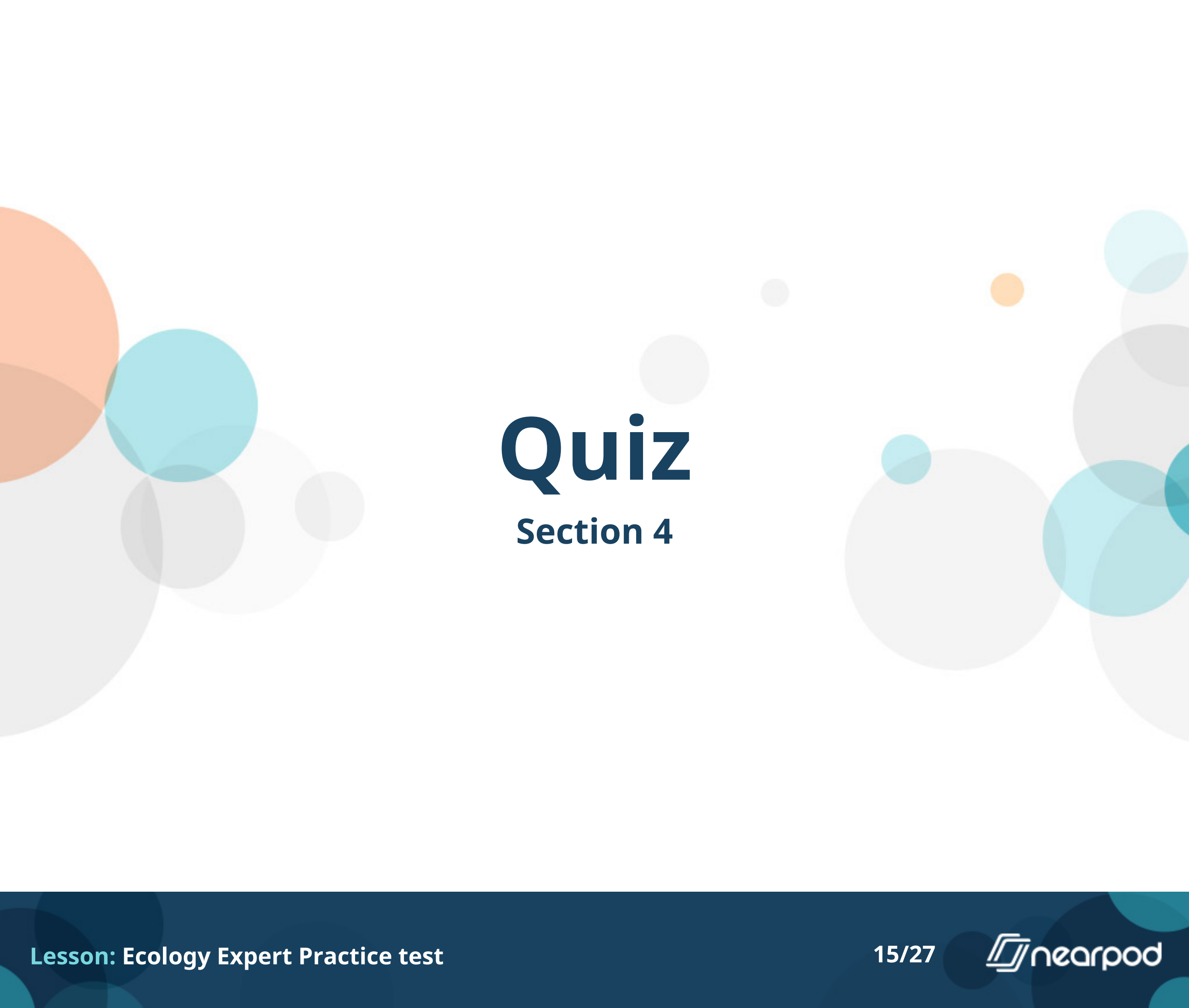
Algae lives on spider crabs' backs, making the crabs blend in with their environment and giving the algae a place to live. This is an example of:

- Mutualism
- Commensalism
- Parasitism



This monster jellyfish has brittle stars and small skad living around it. the Jellyfish provides protection and doesn't really notice that these little creature are there. This is an example of:

- Mutualism
- Commensalism
- Parasitism



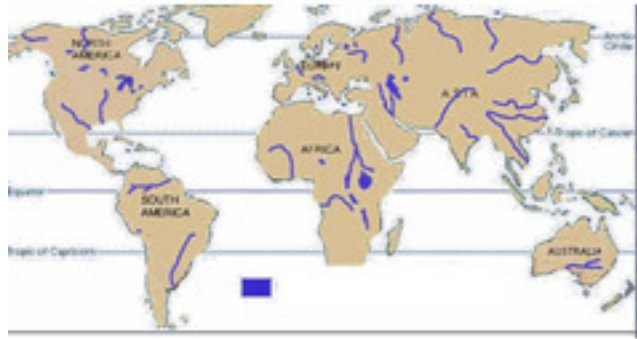
Quiz

Section 4



Click on the picture if you want to make it bigger. The yellow arrow is pointing to an area at the Outer Banks. What type of biome is it?

- Estuary
- Freshwater
- Ocean
- Tundra



Click on the picture if you want to make it bigger. The purple areas on this map are all part of what type of biome?

- Estuary
- Freshwater
- Ocean
- Tundra



**Click on the picture if you want to make it bigger.
Antarctica is mostly part of what type of biome?**

- Estuary
- Freshwater
- Ocean
- Tundra



Click on the picture if you want to make it bigger. This picture was taken in what type of biome?

- Coral Reef**
- Estuary
- Lake
- Pond

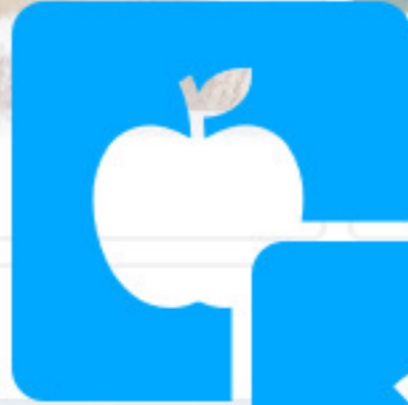
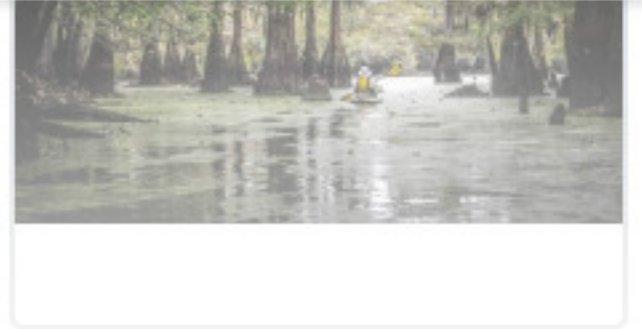
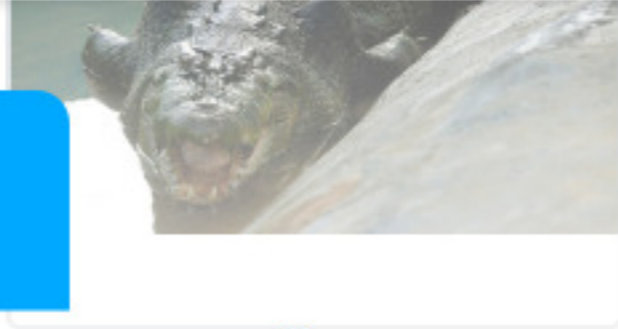
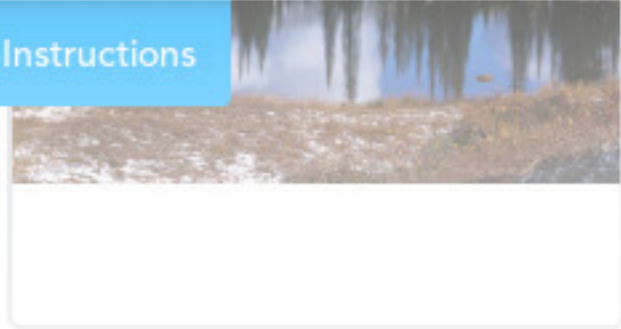


Click on the picture if you want to make it bigger. This picture was taken in what type of biome?


- Coral Reef
- Lake
- Pond
- River**

Pair the animal with the correct habitat for it to live in.

^ Instructions

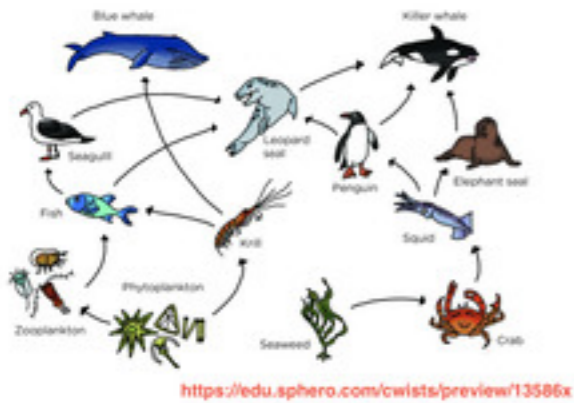


Matching Pairs



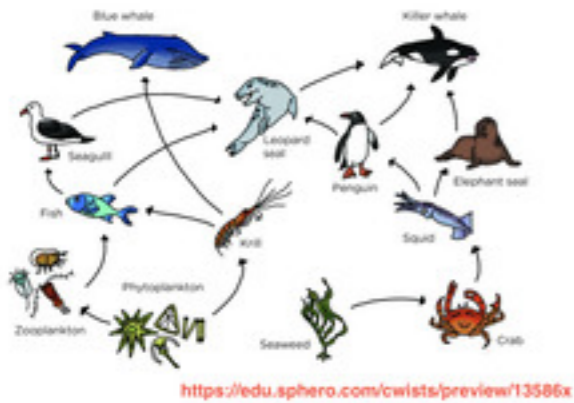
Quiz

Section 6



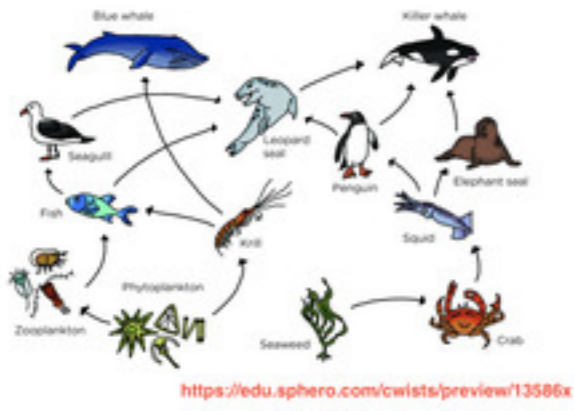
Click to make the picture bigger. Which of the following organisms is a carnivore?

- Crab
- Elephant Seal**
- Fish
- Krill



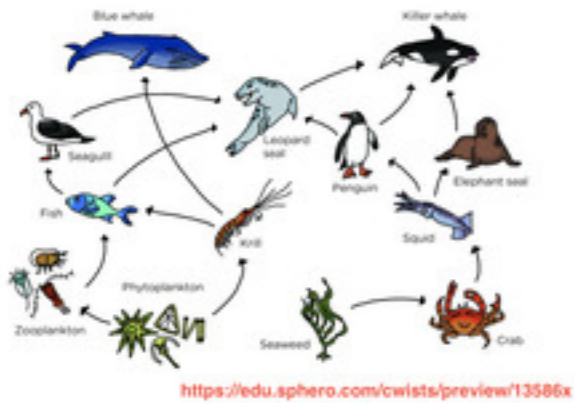
Click to make the picture bigger. Which of the following organisms is only prey?

- Crab
- Elephant Seal
- Killer Whale
- Seagull



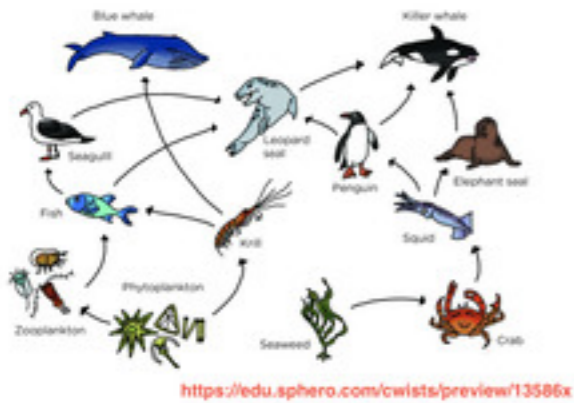
Click to make the picture bigger. Which of the following organisms is only a producer?

- Crab
- Elephant Seal
- Killer Whale
- Seaweed



Click to make the picture bigger. Which of the following organisms is a primary consumer?

- Crab
- Elephant Seal
- Killer Whale
- Seaweed



Click to make the picture bigger. Which of the following organisms is both a predator and prey?

- Crab
- Elephant Seal**
- Killer Whale
- Seaweed