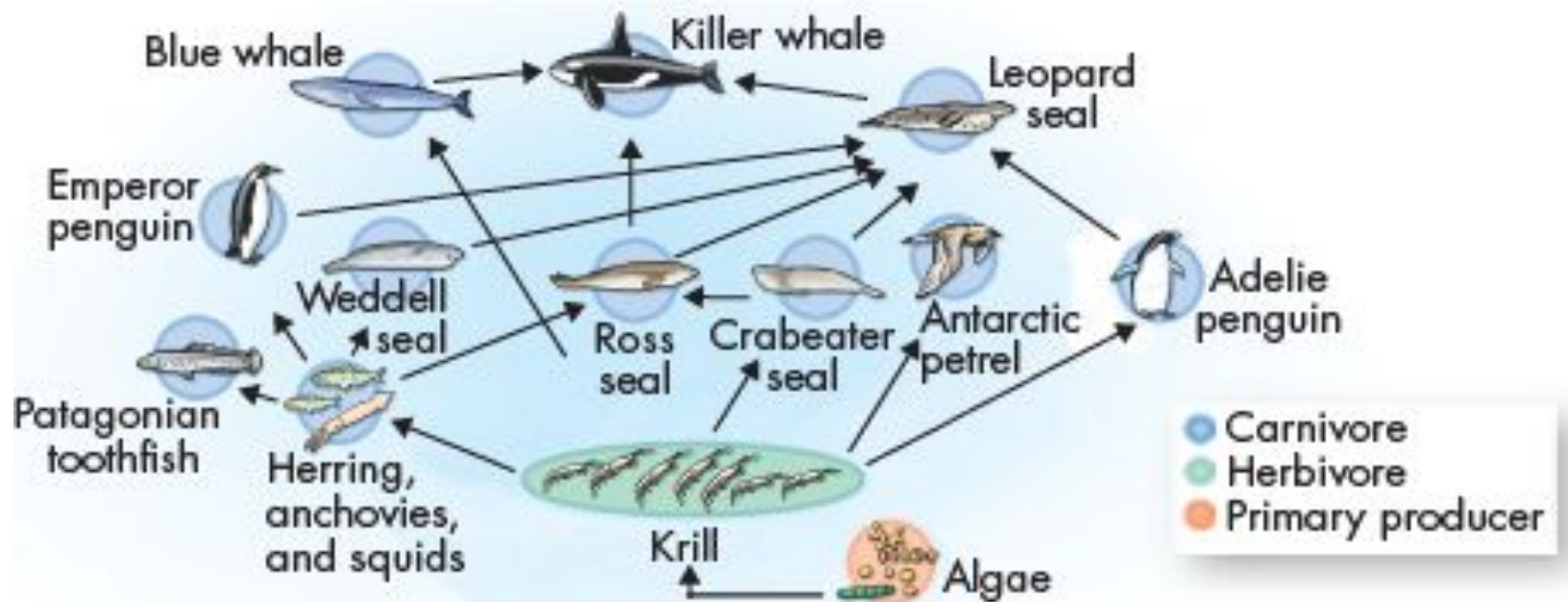


Trophic Levels

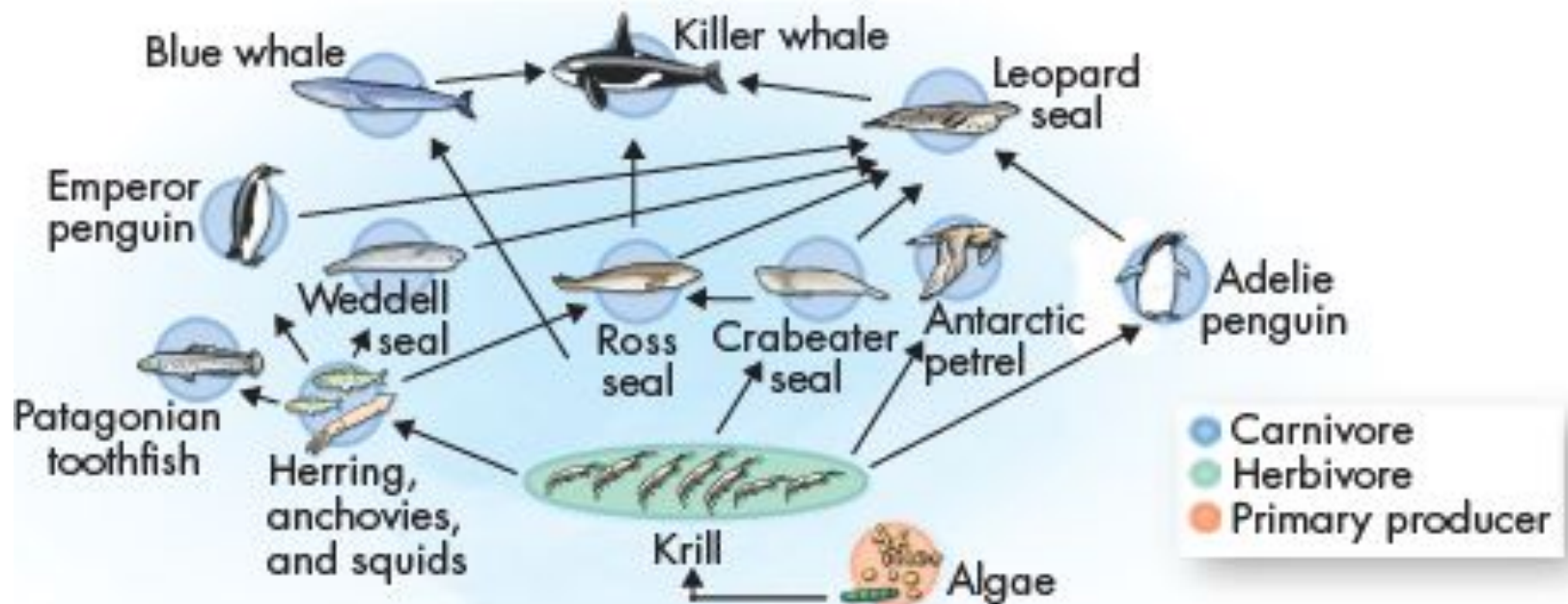
Trophic Levels

- Each step in a food chain or food web is called a **trophic level**.



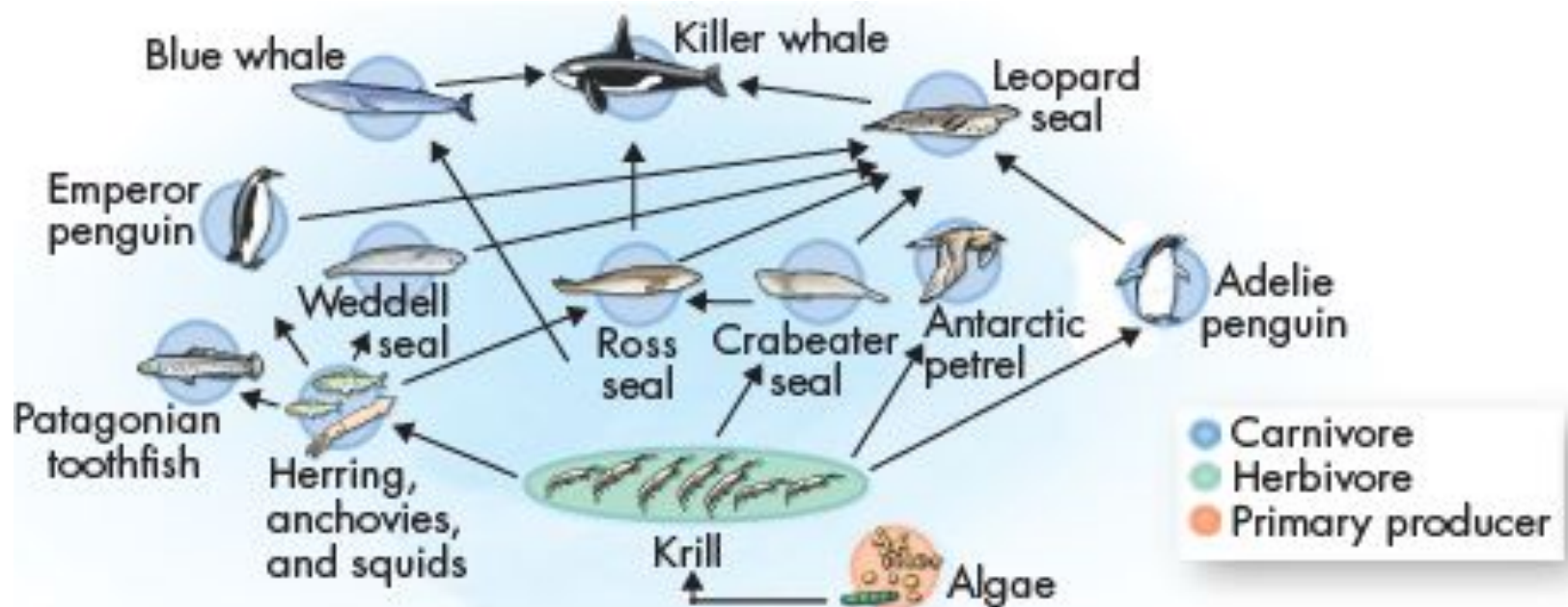
Trophic Levels

- **Primary producers** always make up the first trophic level.
- **Consumers** make up higher trophic levels.

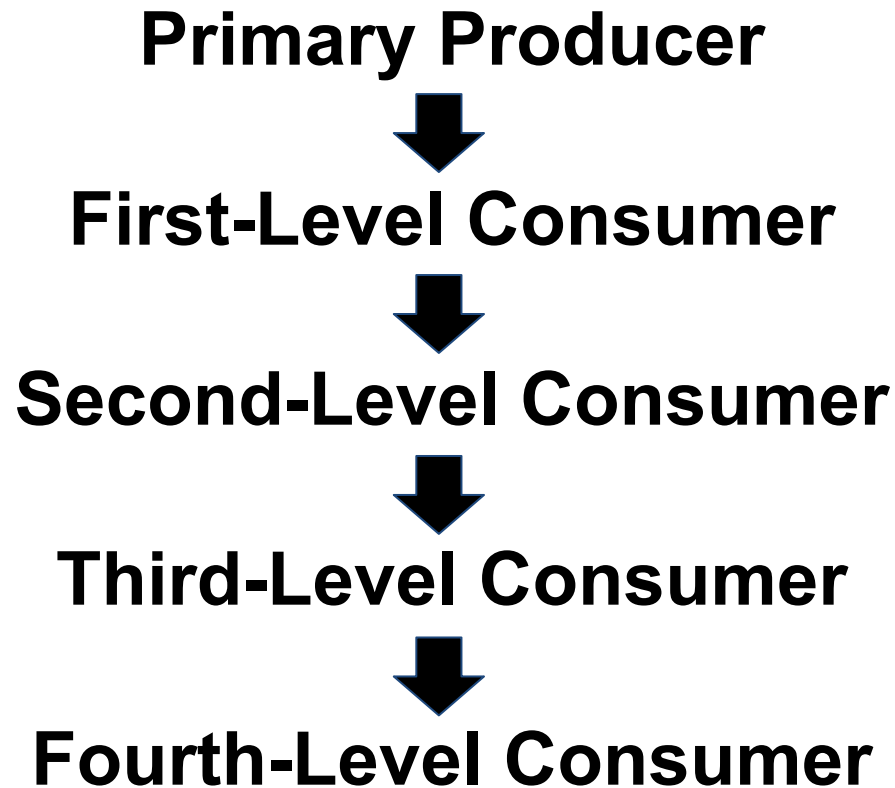


Trophic Levels

- Each consumer depends on the trophic level below it for **energy**.

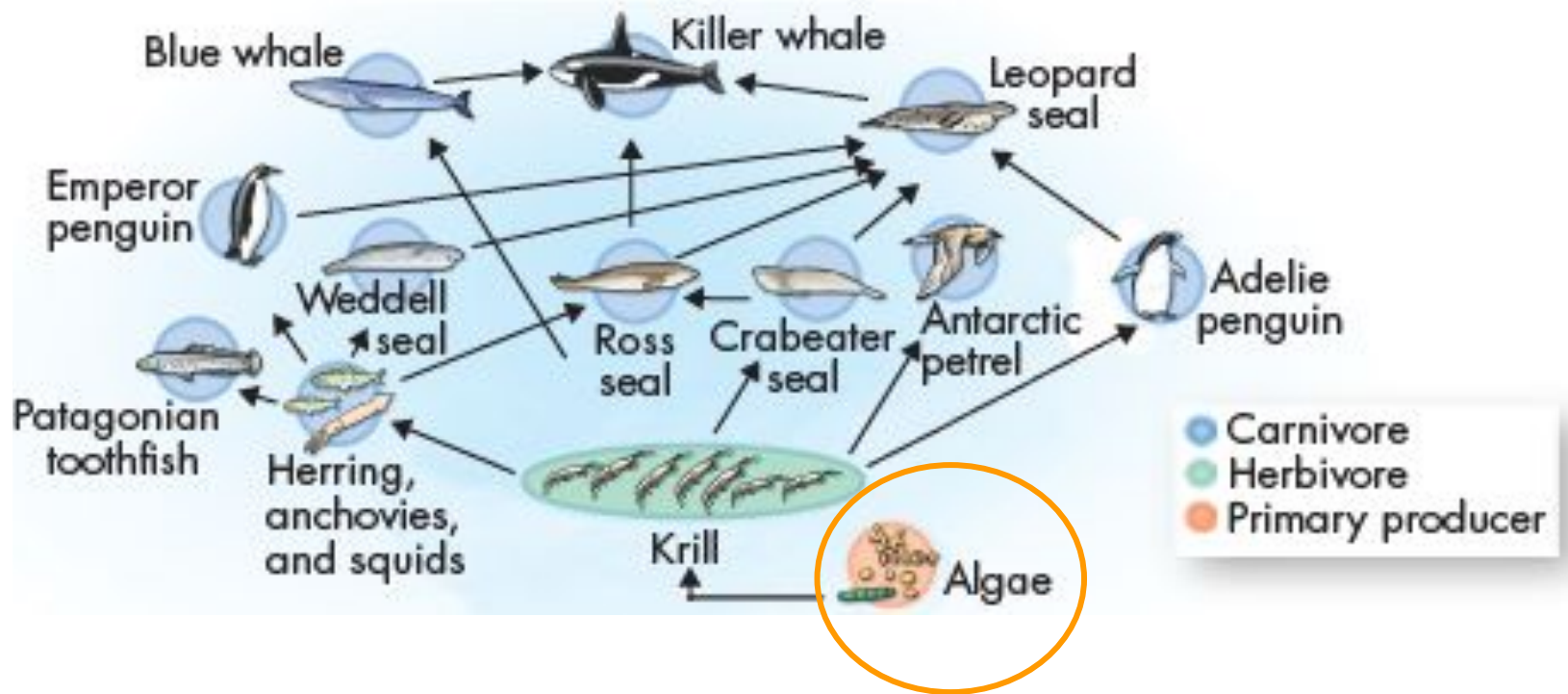


Trophic Levels



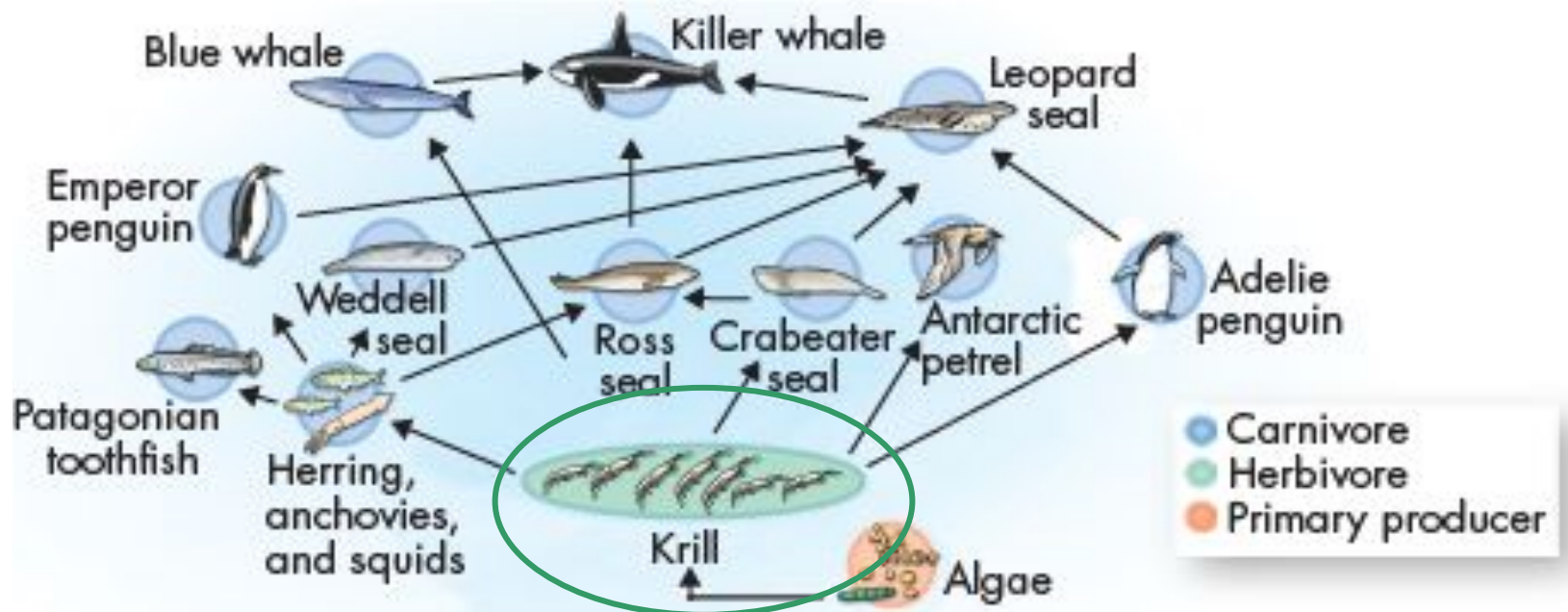
Trophic Levels in Antarctic Food Web

- Algae is a **primary producer**.



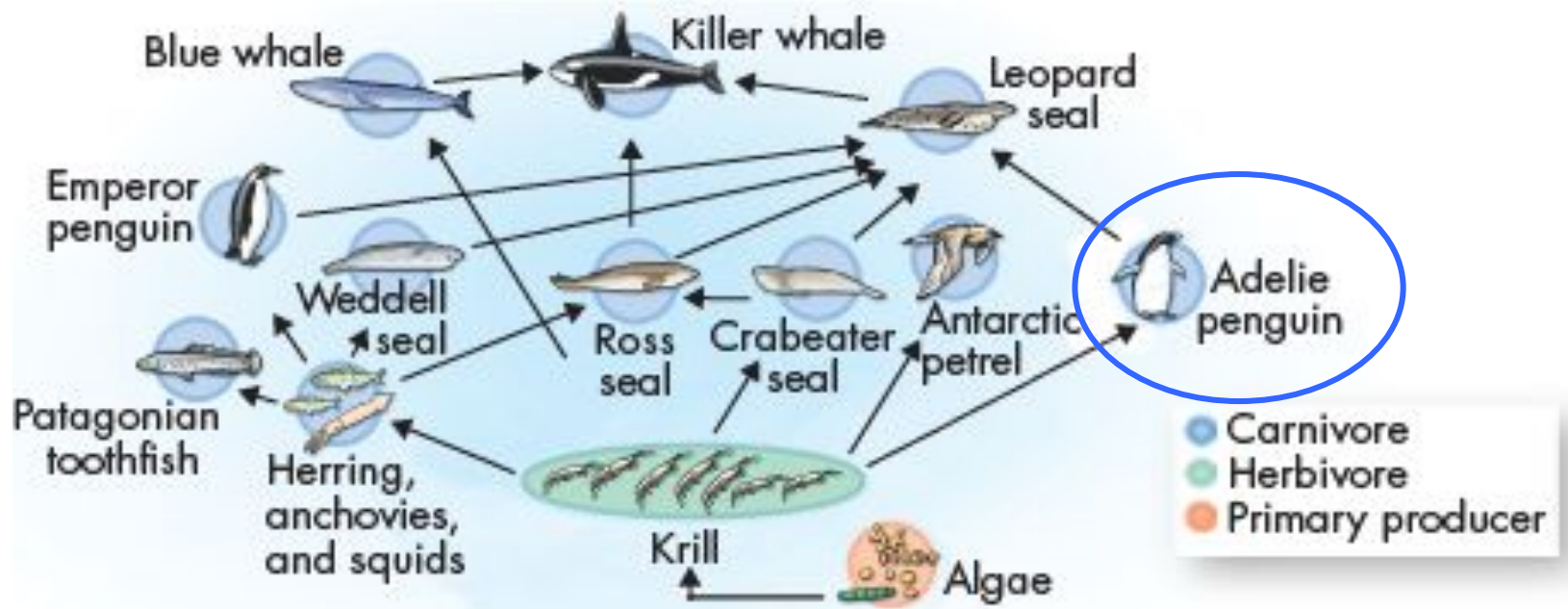
Trophic Levels in Antarctic Food Web

- Krill is a **first-level consumer**.



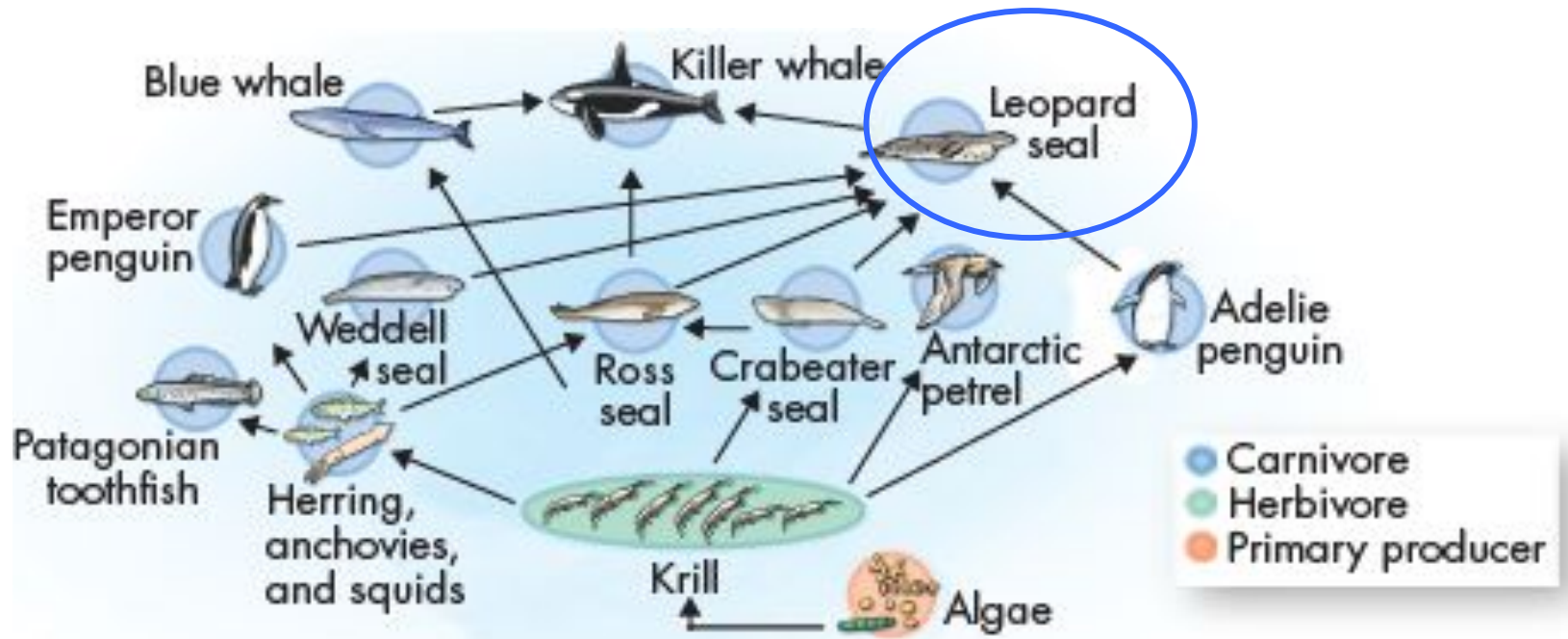
Trophic Levels in Antarctic Food Web

- Adelie penguin is a **second-level consumer**.



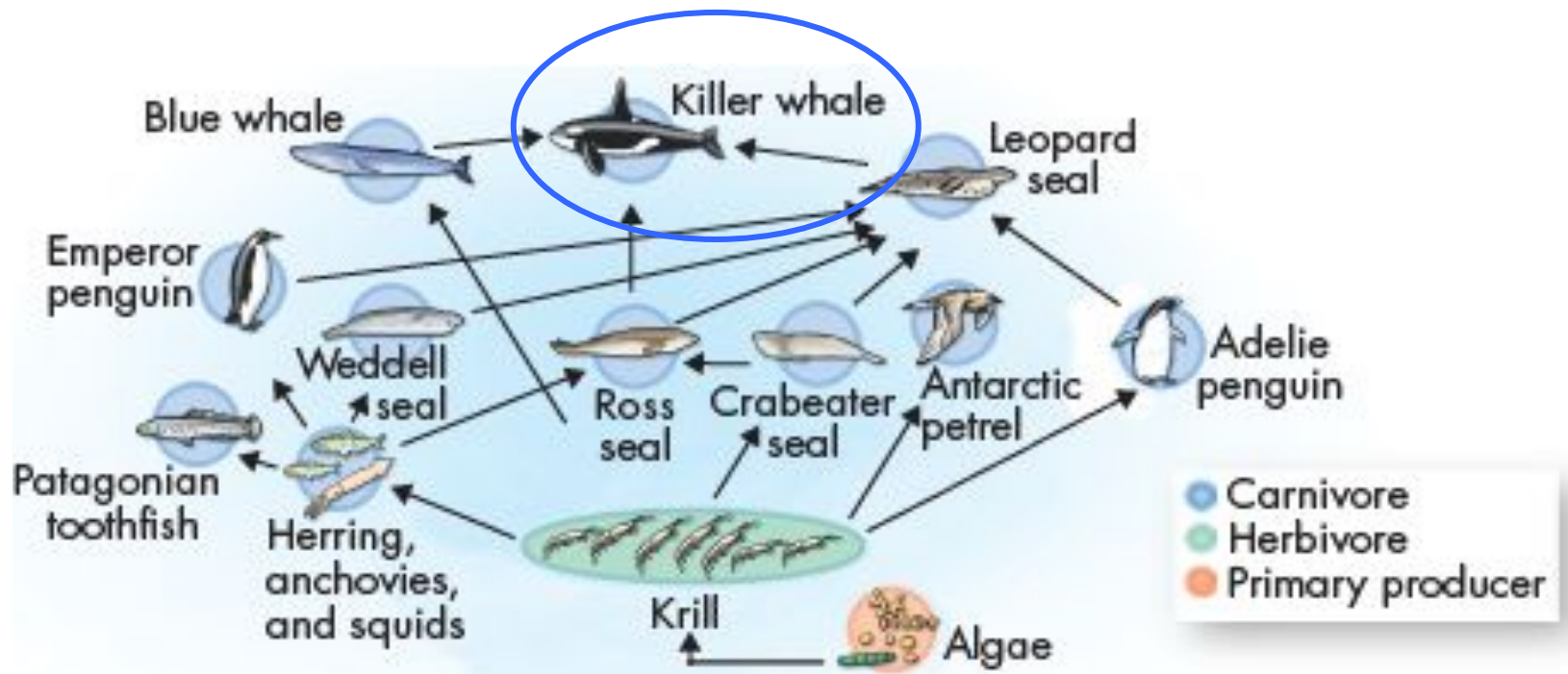
Trophic Levels in Antarctic Food Web

- Leopard seal is a **third-level consumer**.



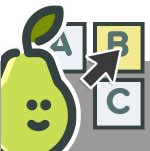
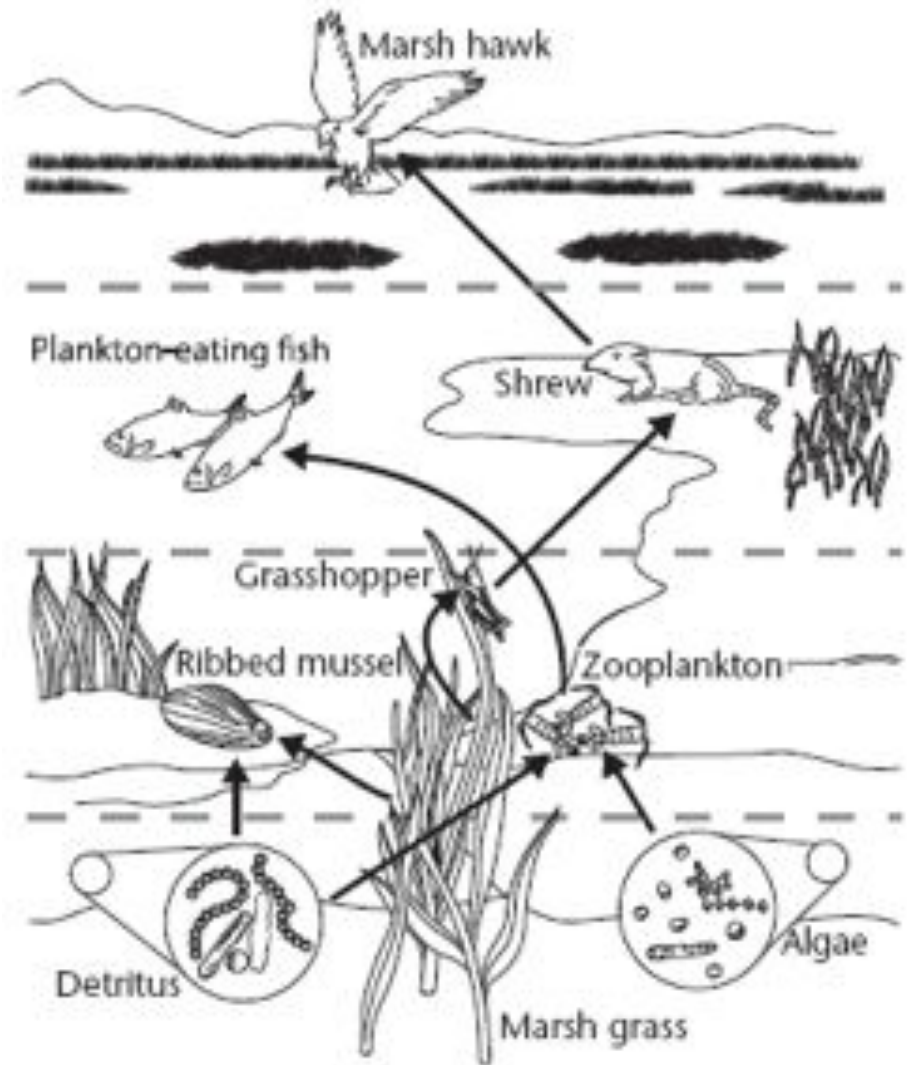
Trophic Levels in Antarctic Food Web

- Killer whale is a **fourth-level consumer**.



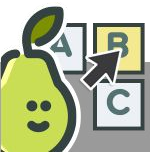
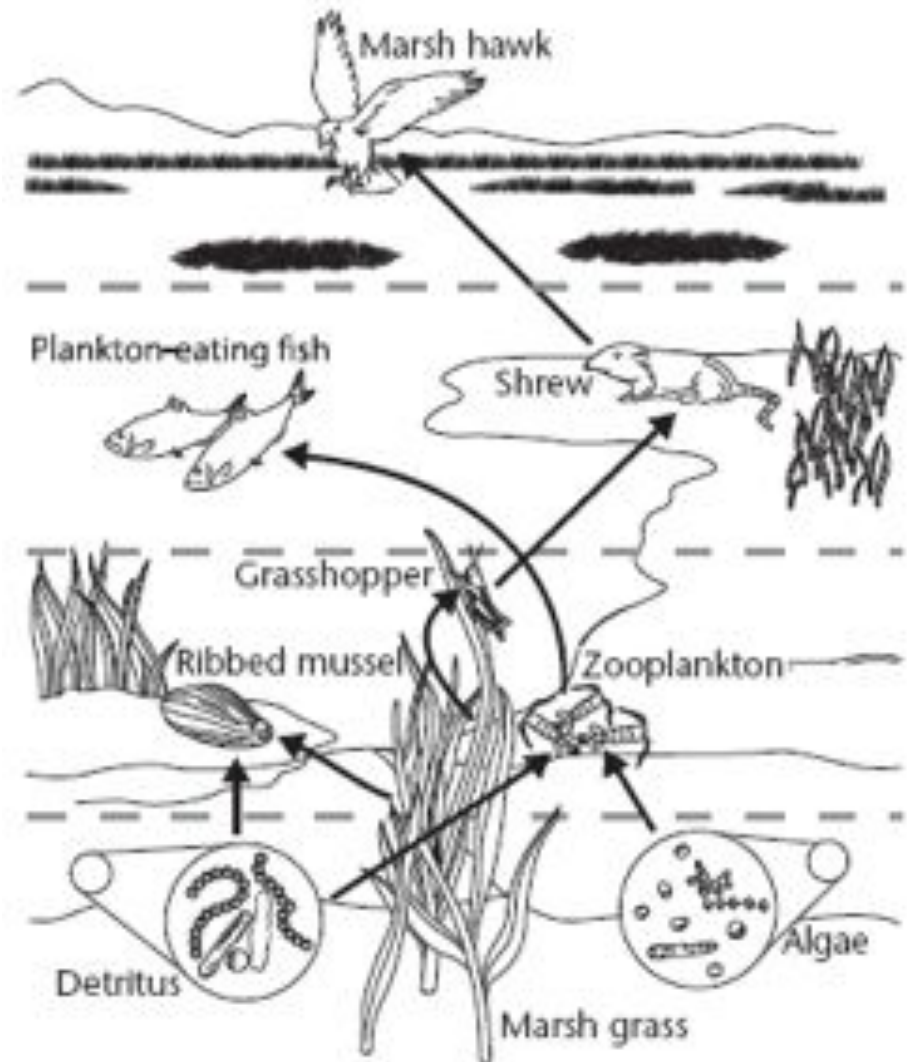
Trophic Levels

- Identify the trophic level of the grasshopper.



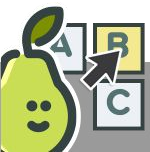
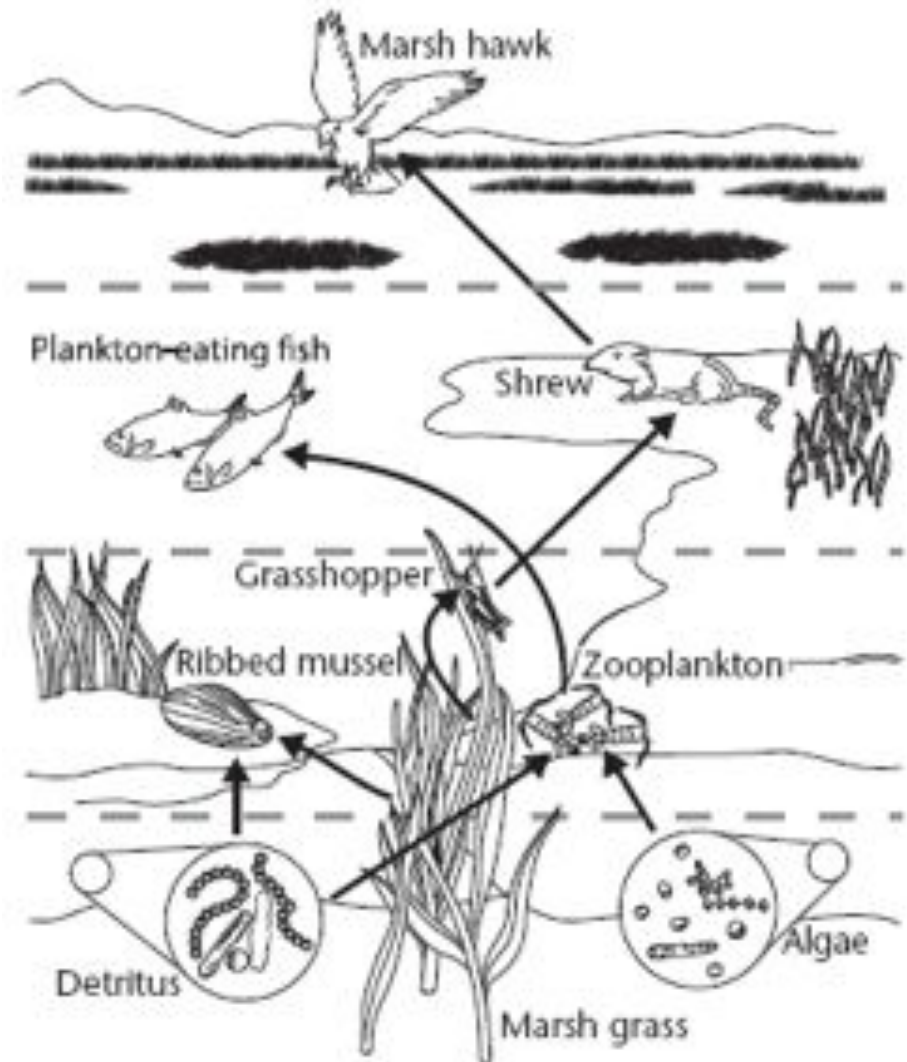
Trophic Levels

- Identify the trophic level of the algae.



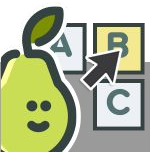
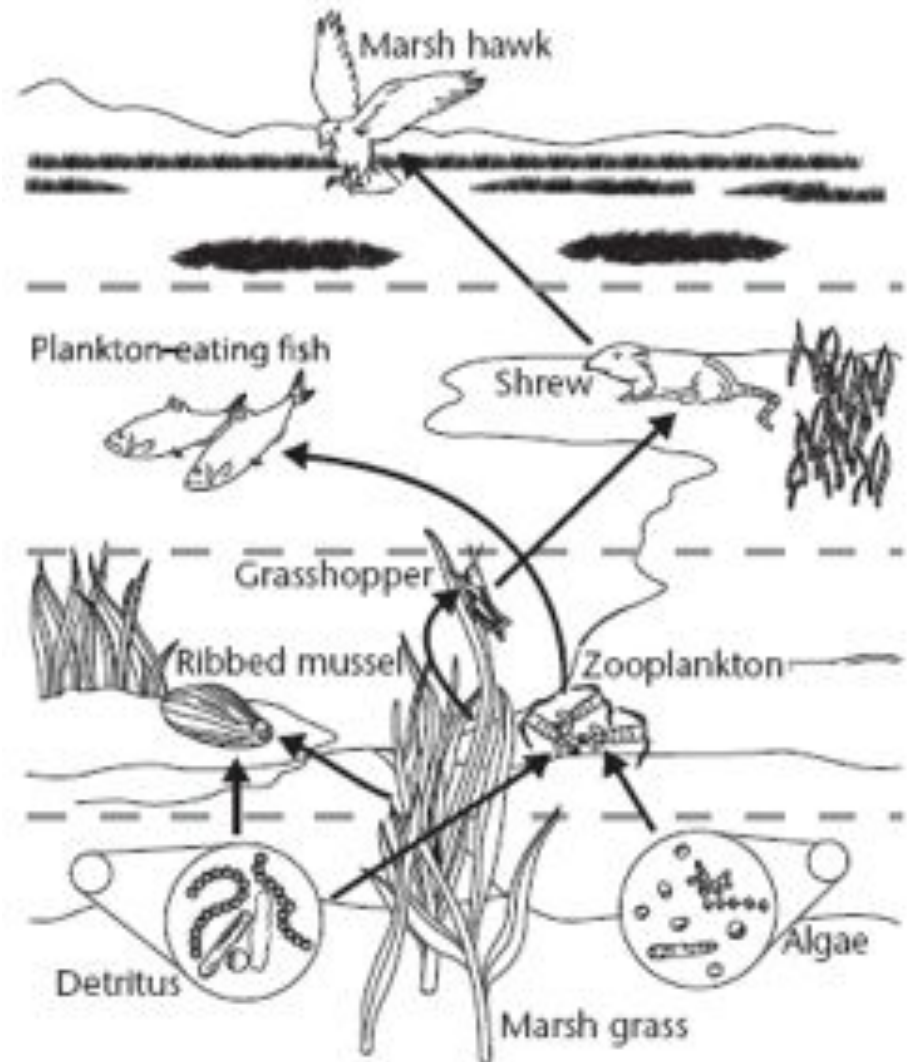
Trophic Levels

- Identify the trophic level of the marsh hawk.



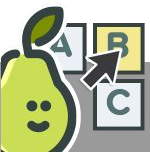
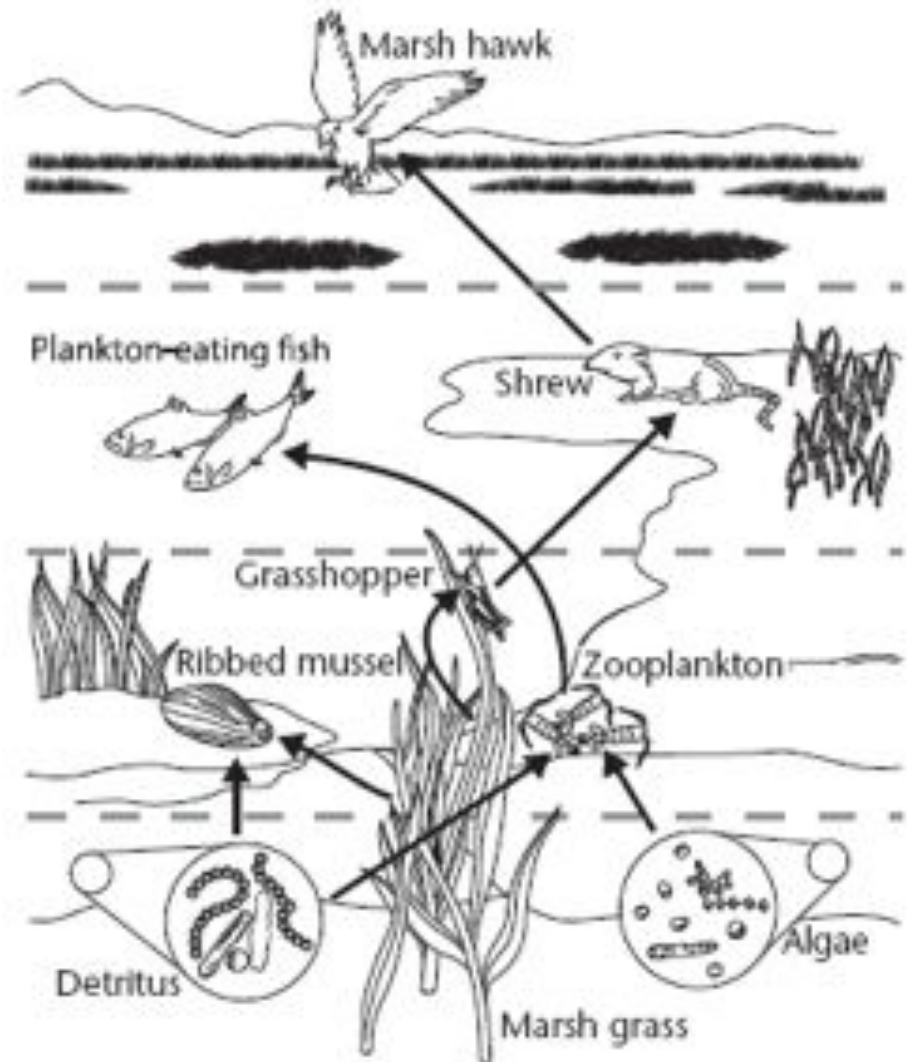
Trophic Levels

- Identify the trophic level of the plankton-eating fish.



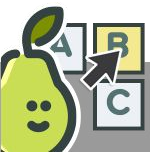
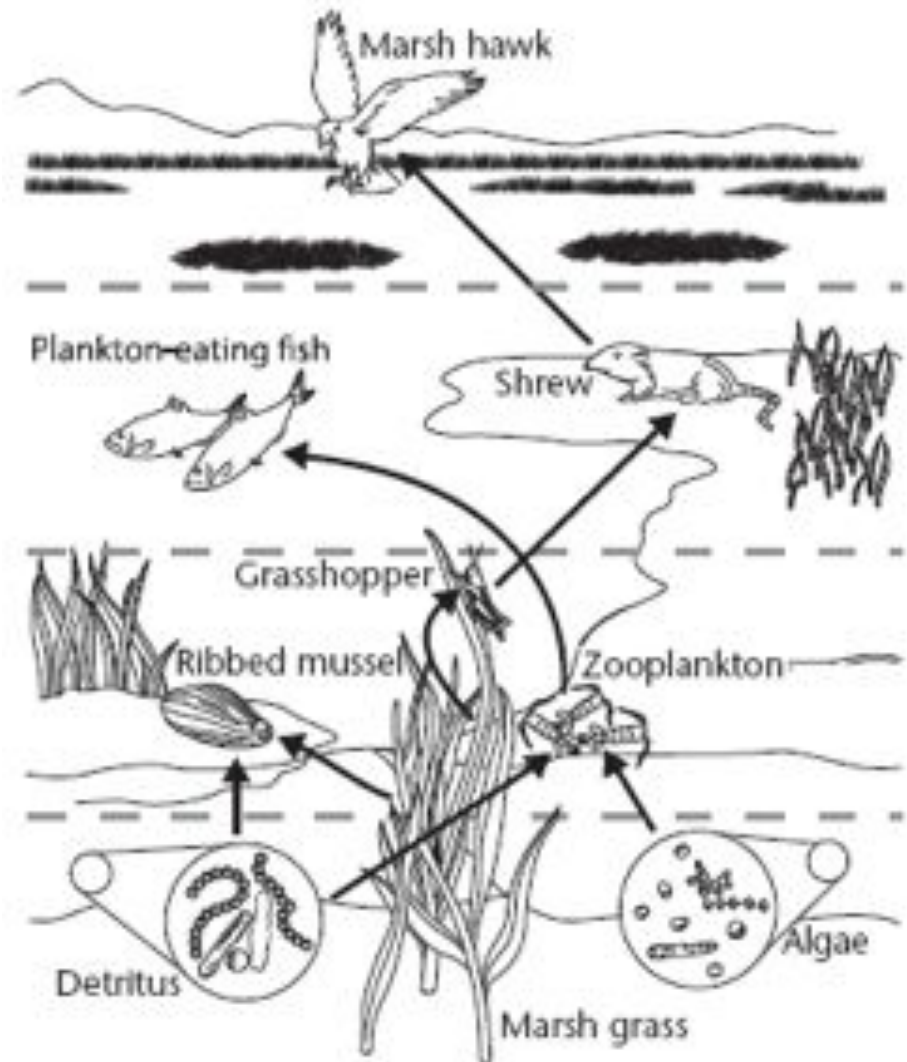
Trophic Levels

- Identify the trophic level of the marsh grass.



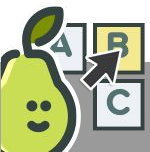
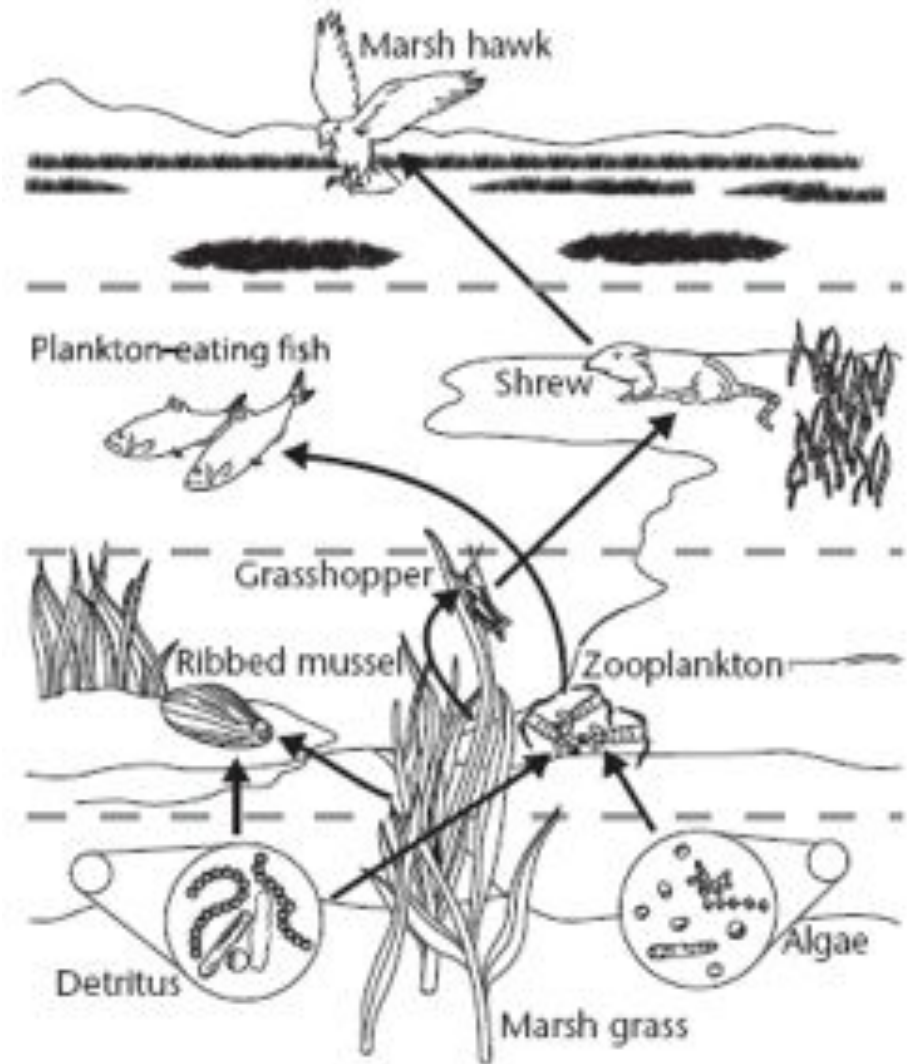
Trophic Levels

- Identify the trophic level of the ribbed mussel.



Trophic Levels

- Identify the trophic level of the shrew.



Trophic Levels

- Identify the trophic level of the zooplankton.

