

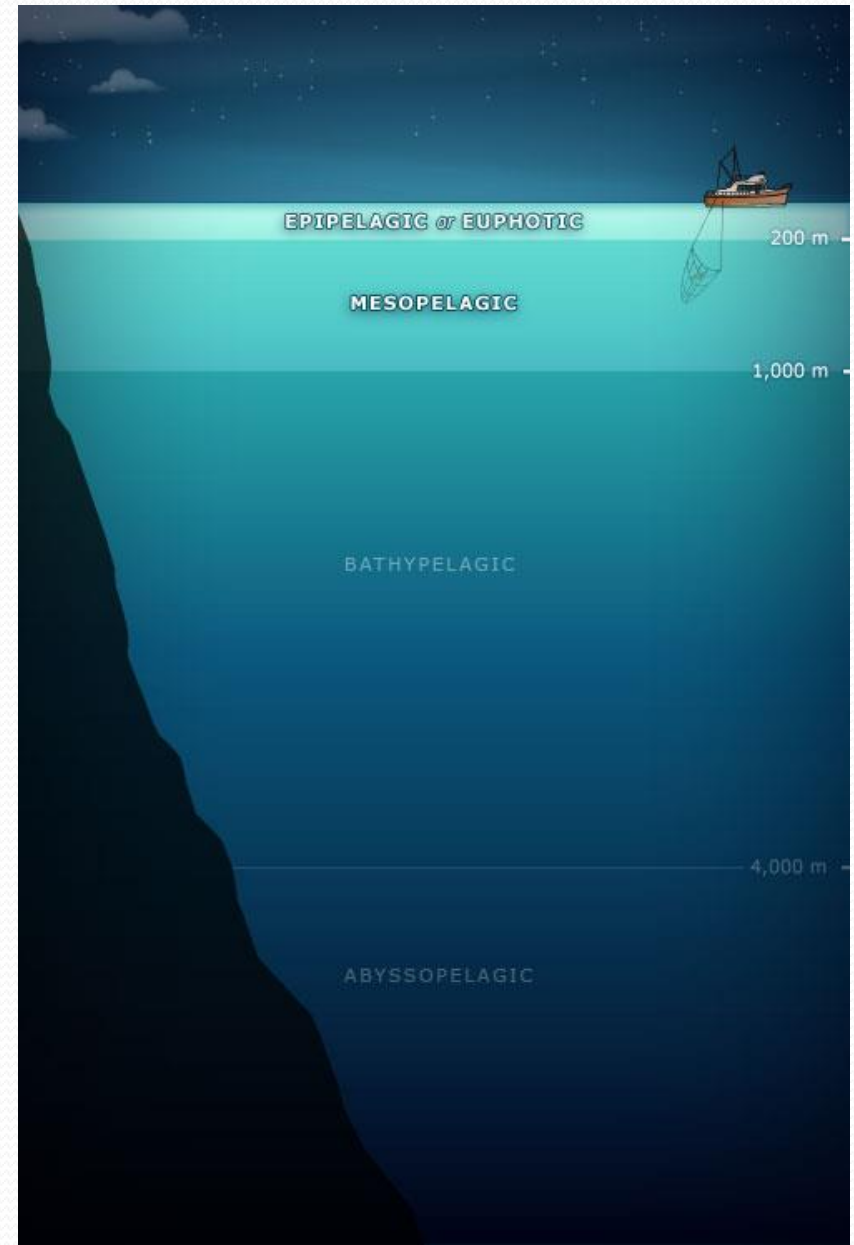
Physical Characteristics of the Ocean

Depth, Temperature, & Salinity

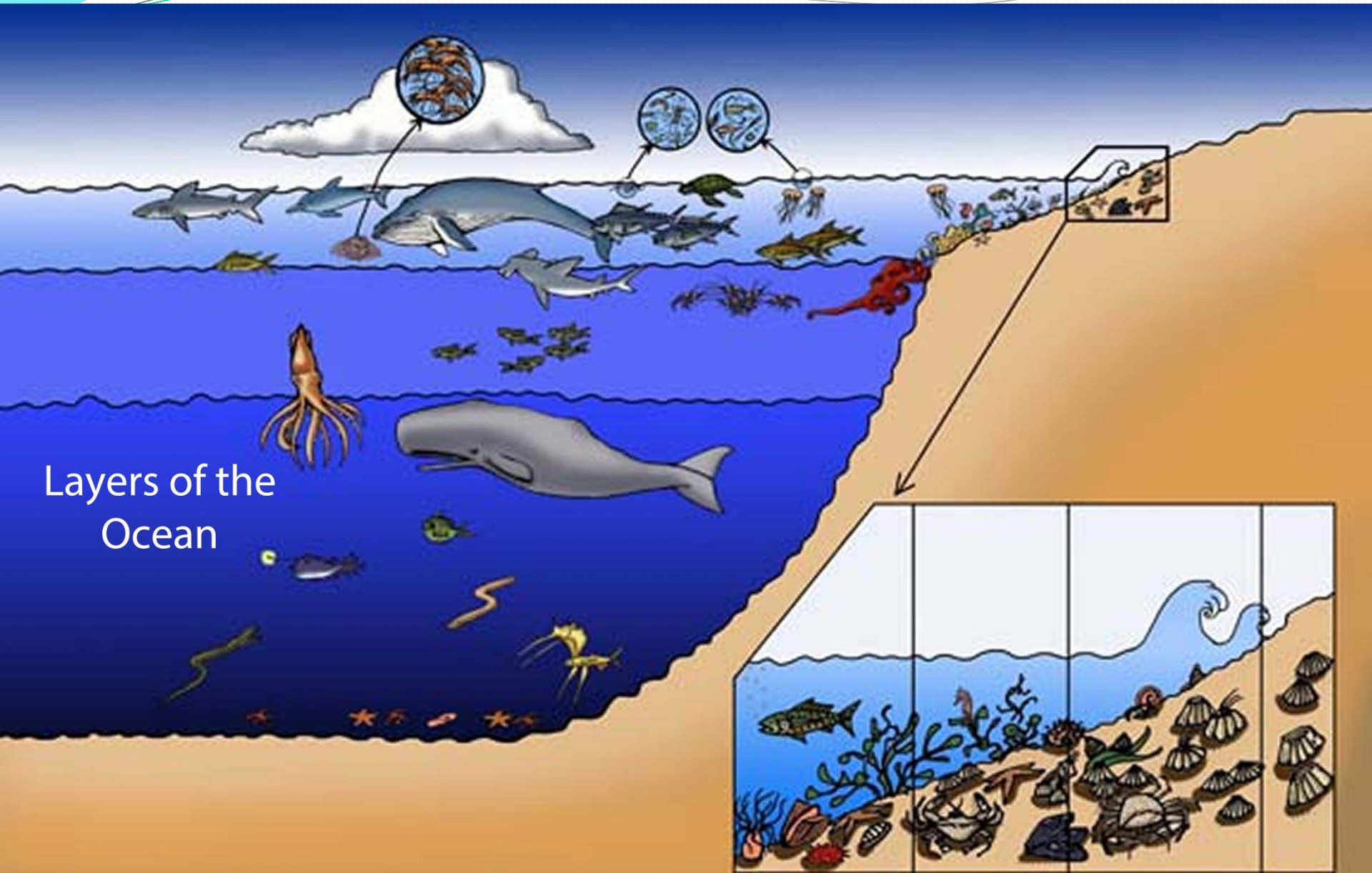


Depth

- As depth increases in the ocean....
 - It gets darker
 - There's more pressure
 - There's lower temperatures
 - There's less light
 - There's less animals



Layers of the Ocean



Temperature

- The ocean temperature is greater near the equator.
 - Many forms of sea life live there.



coral reefs



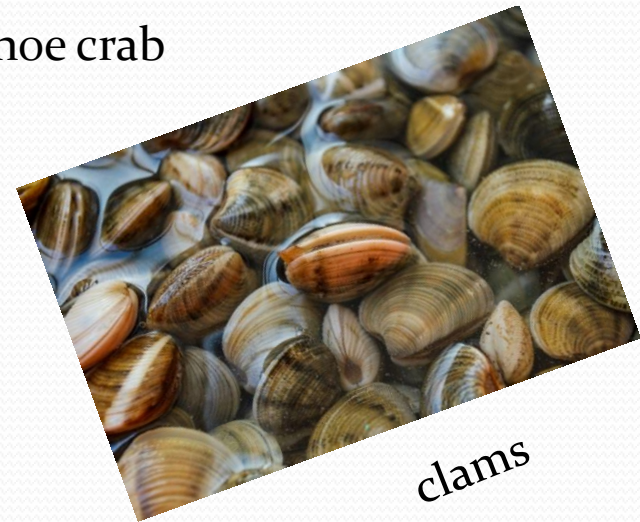
rays



manatees



horseshoe crab



clams

Temperature

- The ocean temperature decreases near the poles.
 - Many fish that live there develop a natural anti-freeze in their blood.
 - Fur and blubber also keep animals warmer.

Northern Fur Seals



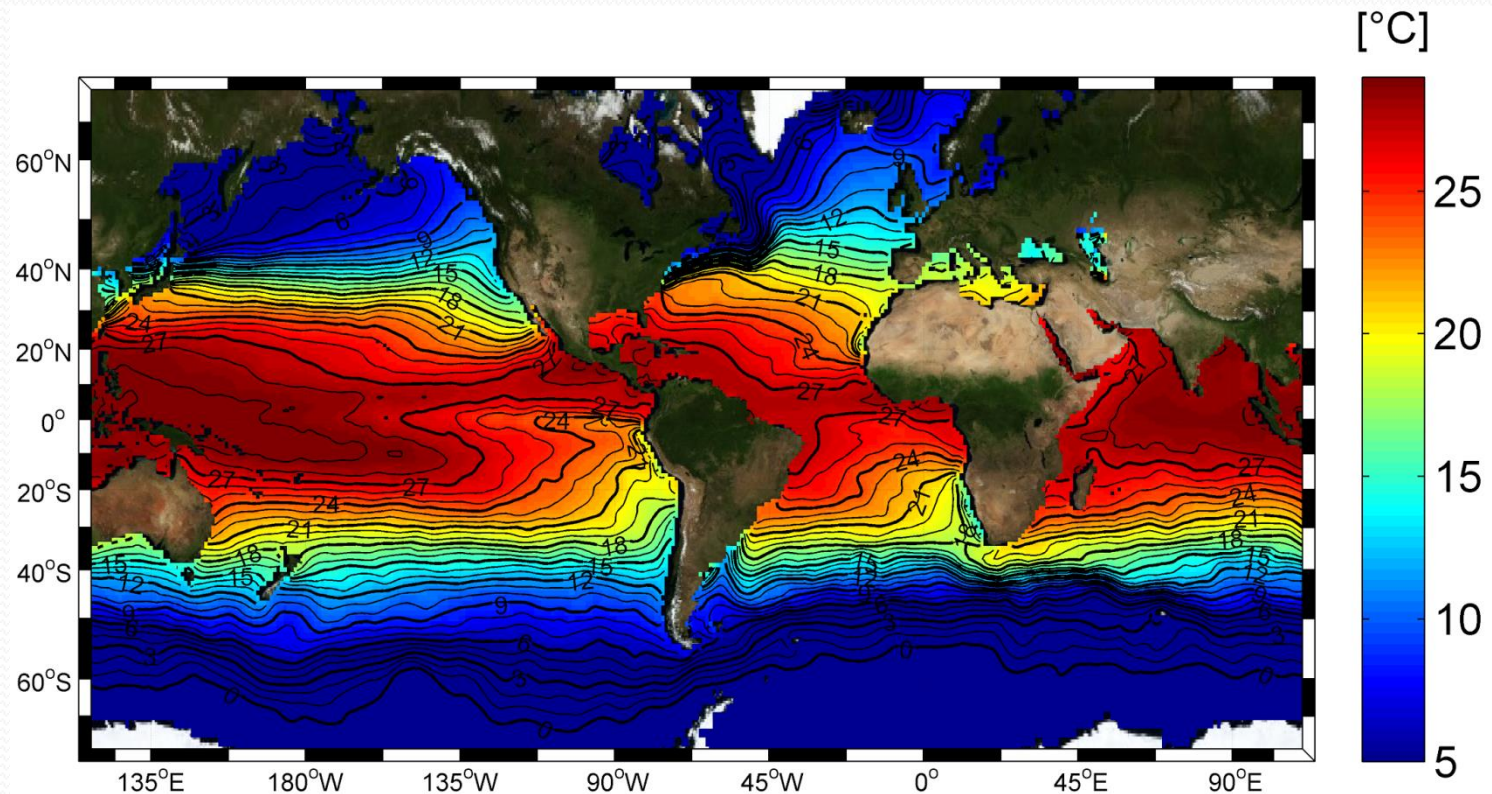
Antarctic Ice Fish

Walrus Seals



Salinity

- Salinity increases by evaporation and ice formation
- Salinity decreases by rainfall and river runoff



Salinity

- Animals survive by keeping the salinity inside their bodies equal to the salinity of the surrounding water.

