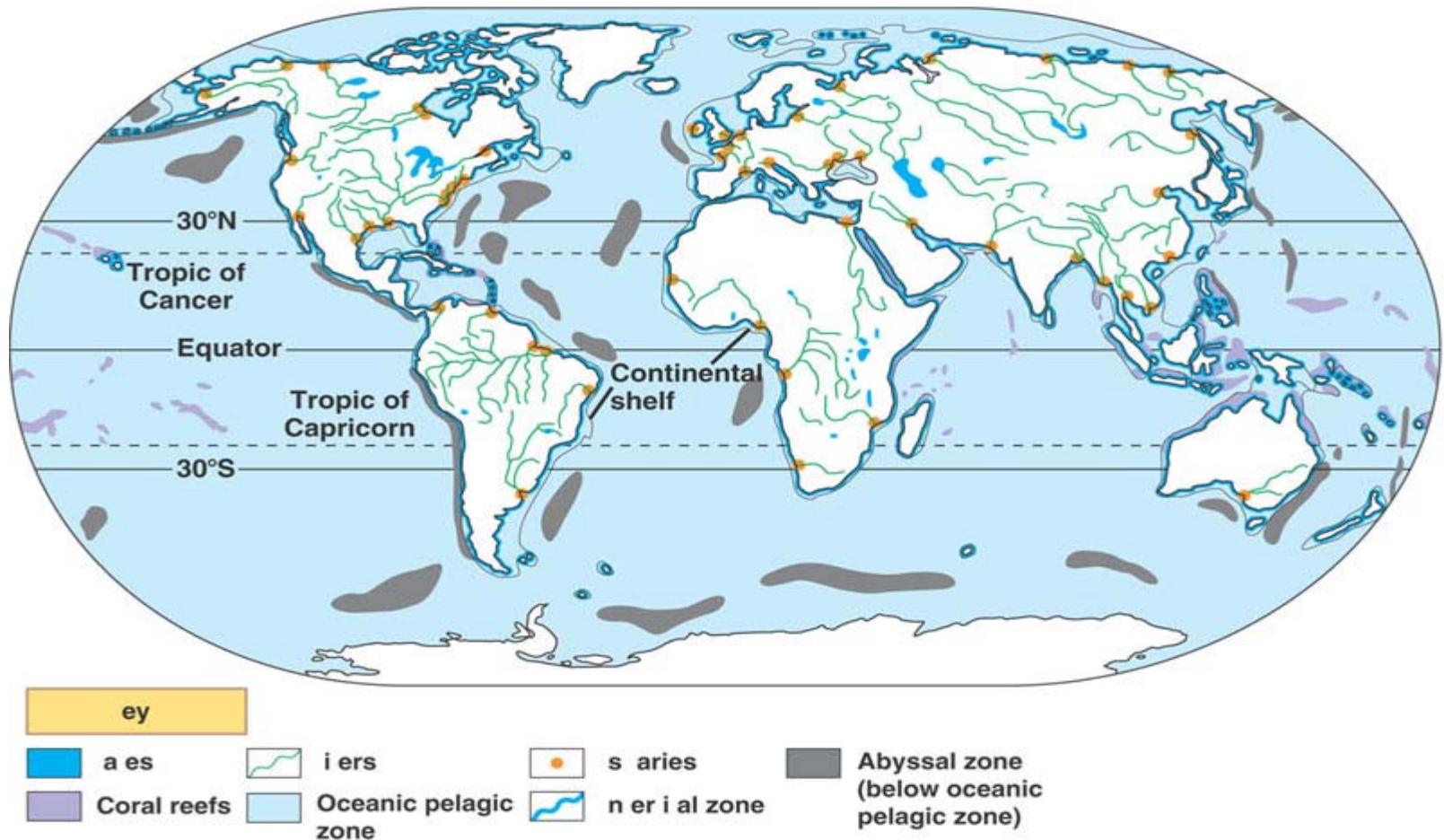


Aquatic Biomes

- Chemical environment: salt and oxygen concentration
- Light



Types of aquatic biomes

- Lakes
- Streams and rivers
- Wetlands
- Estuary
- Intertidal zone
- Coral Reefs
- Oceanic Pelagic
- Marine Benthic

LAKES



An oligotrophic lake in Grand Teton, Wyoming



A eutrophic lake in Okavango delta, Botswana

WETLANDS



Okefenokee National Wetland Reserve in Georgia

STREAMS AND RIVERS



A headwater stream in the Great Smoky Mountains



The Mississippi River far from its headwaters

ESTUARIES



An estuary in a low coastal plain of Georgia

INTERTIDAL ZONES



Rocky intertidal zone on the Oregon coast

OCEANIC PELAGIC BIOME



Open ocean off the island of Hawaii

CORAL REEFS



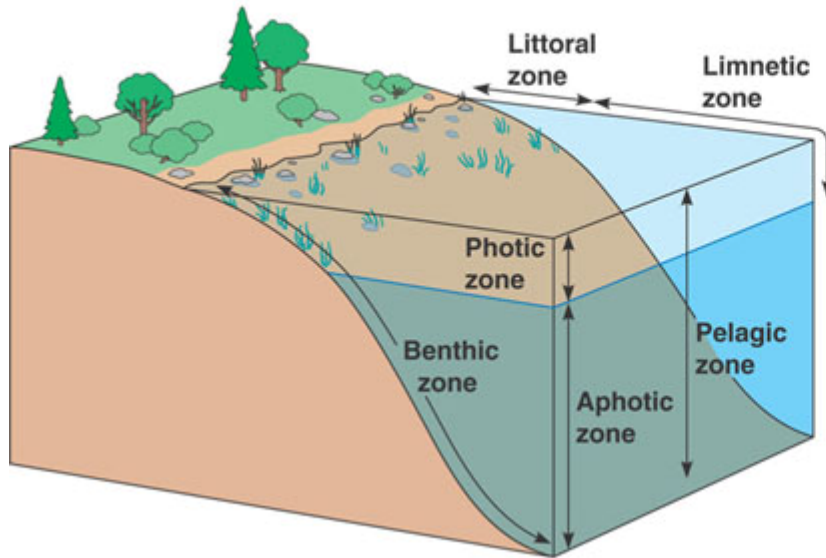
A coral reef in the Red Sea

MARINE BENTHIC ZONE

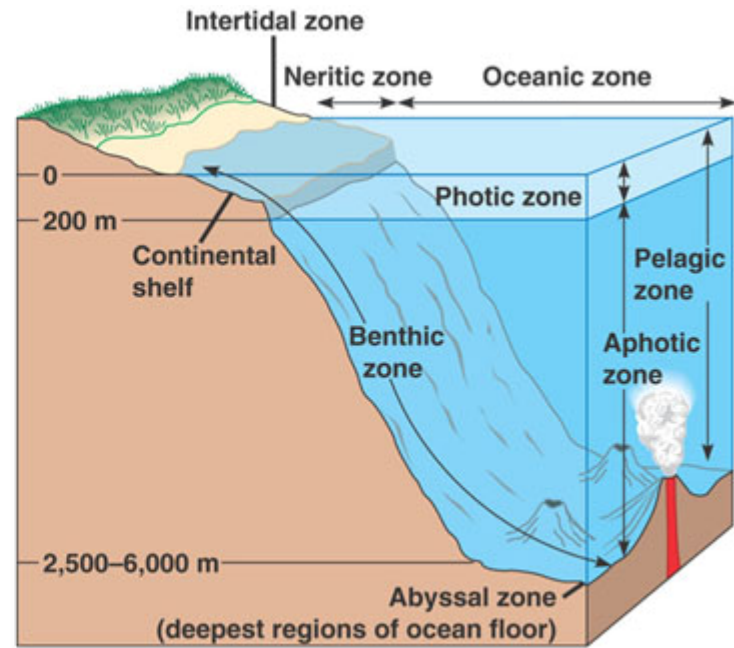


A deep-sea hydrothermal vent community

Zonation in Aquatic biomes

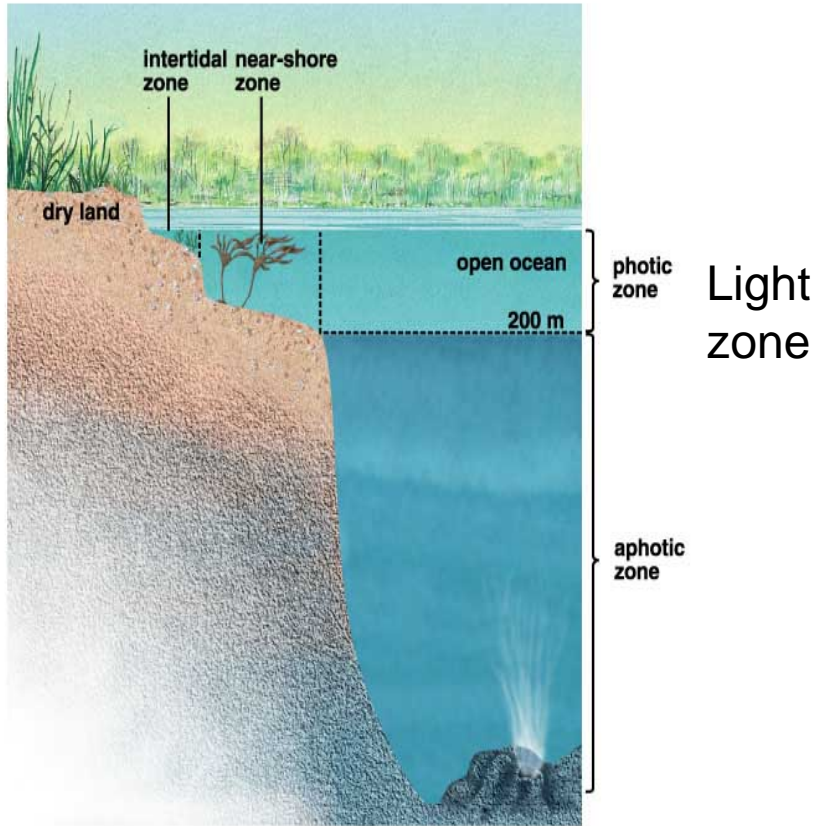


(a) Zonation in a lake



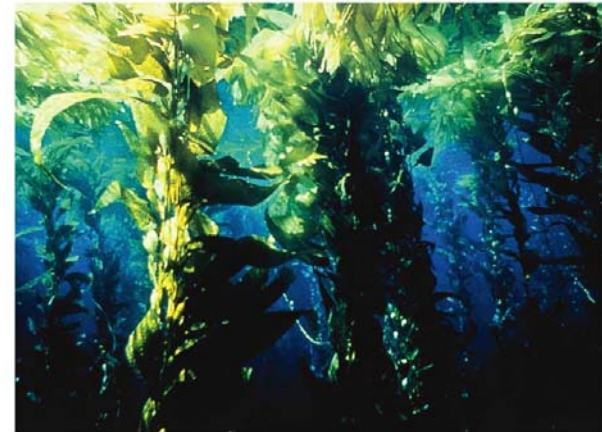
(b) Marine zonation

Ocean



Upwelling on continental shelf

Kelp beds

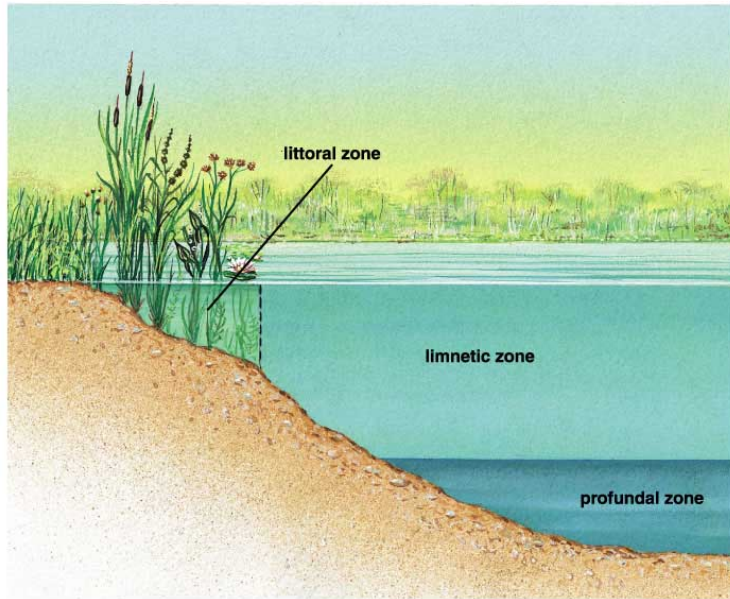


Great Barrier Reef

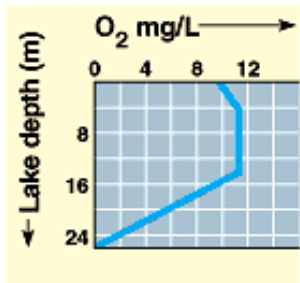




Freshwater



Seasonal Change in Oxygen Concentration



- High O₂ conc.
- Medium O₂ conc.
- Low O₂ conc.

