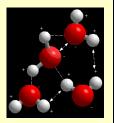
Aquatic Ecology

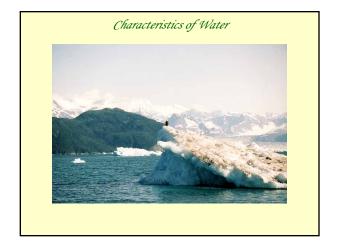
- ☐ Characteristics of water
- Water cycle
- ☐ Limnology
- □ Organisms
- Stratification
- Nutrients
- ☐ Food webs

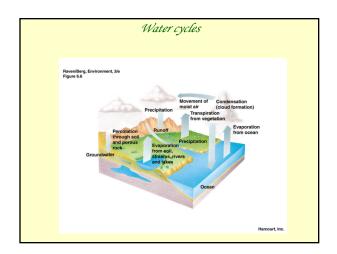


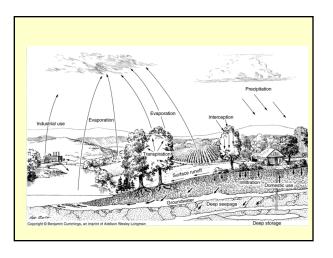
☐ Characteristics of Water

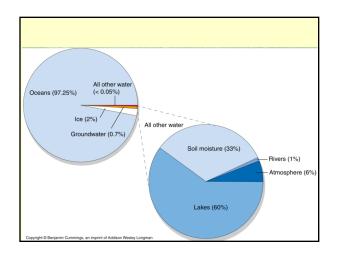
- H₂O covalently bonded
- Polar nature of water
- Hydrogen bonds
- Lattice arrangement
- Surface tension
- Capillary action







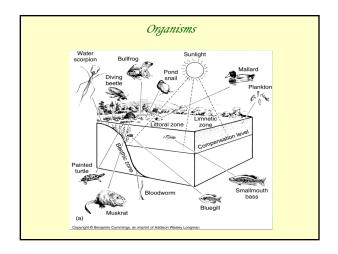




Limnology

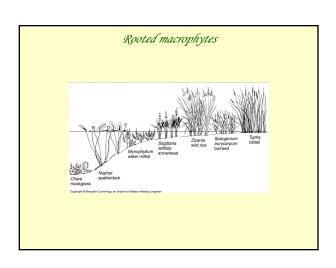
- □ study of freshwater ecosystems
 - Lotic systems running water habitats
 - Lentic systems- standing water habitats
 - lakes and ponds





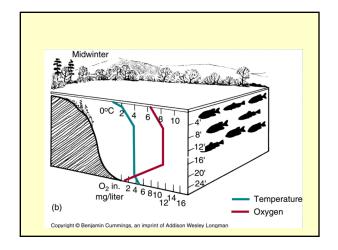
Organisms

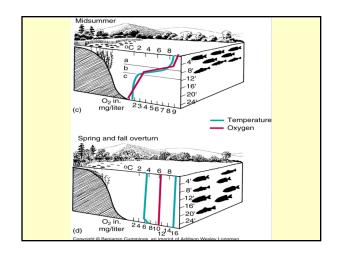
- ☐ Primary producers- phytoplankton, macrophytes
- ☐ Primary consumers- zooplankton
- lue Secondary consumers- fish
- ☐ Decomposers- insects, variety of other invertebrates, bacteria

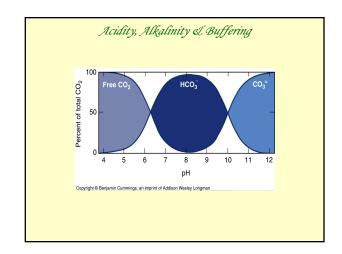


Thermal stratification

- Epilimnion
- · Thermocline
- Hypolimnion







Nutrients

- Sources
 - · Geology of the Watershed
 - · Inflow streams and groundwater
- ☐ Sinks
 - · Outflow
 - Burial
- Forms
 - · Dissolved
 - · Organically bound

