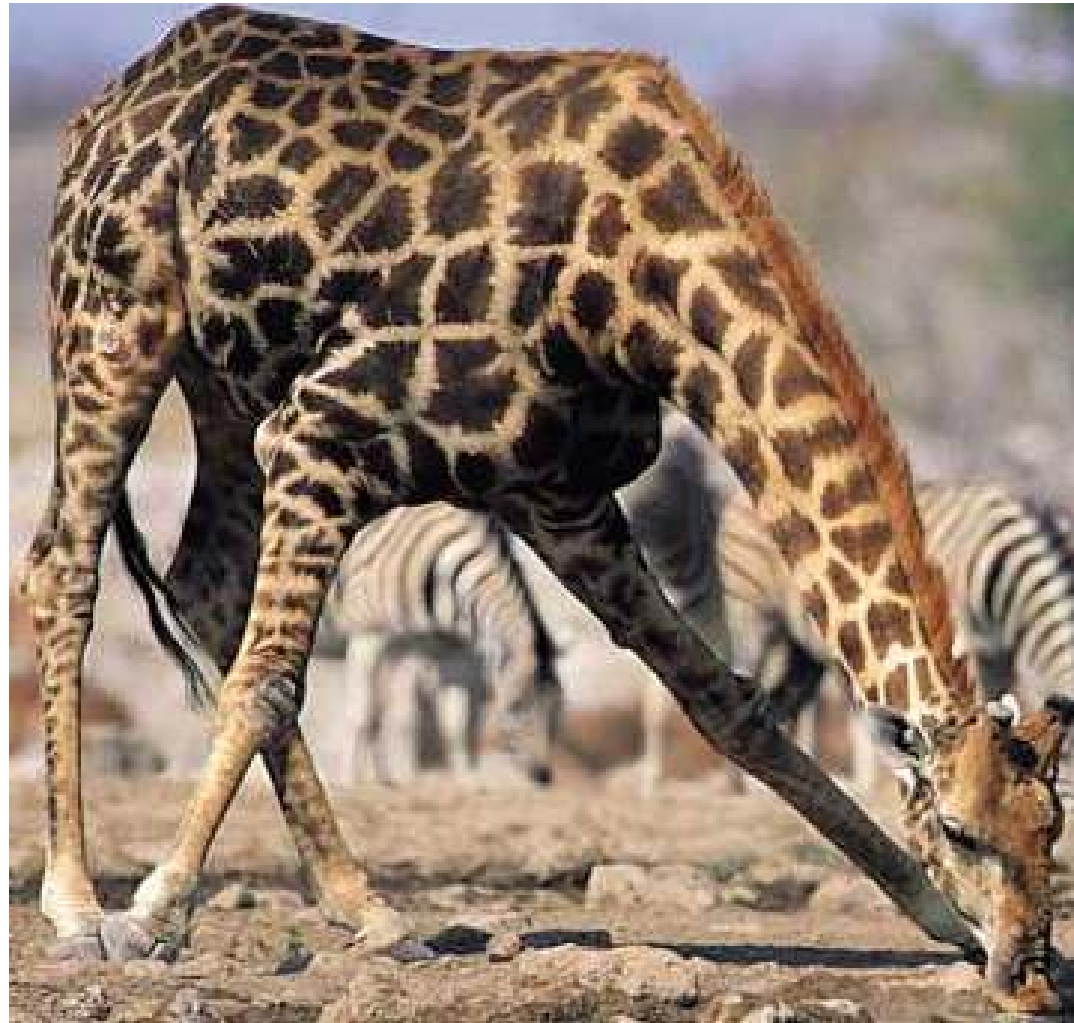


Pre AP Biology

Ecology Introduction (6.1)

Part 1

Biotic - Living



Abiotic = non-living



Levels of Ecology

Organismal



Levels of Ecology

Populations



Levels of Ecology

Communities



Levels of Ecology

Ecosystems



Levels of Ecology

Landscapes

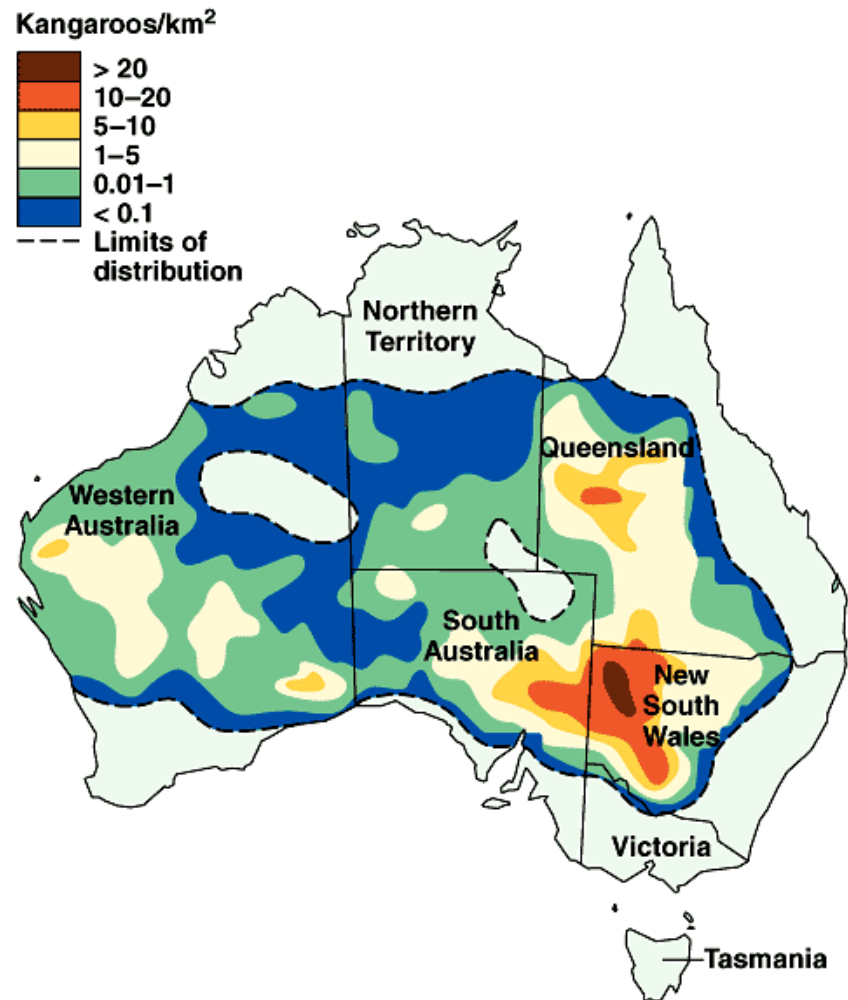


Levels of Ecology

Biosphere



Biogeography of Kangaroos



Transplant - Zebra Mussels



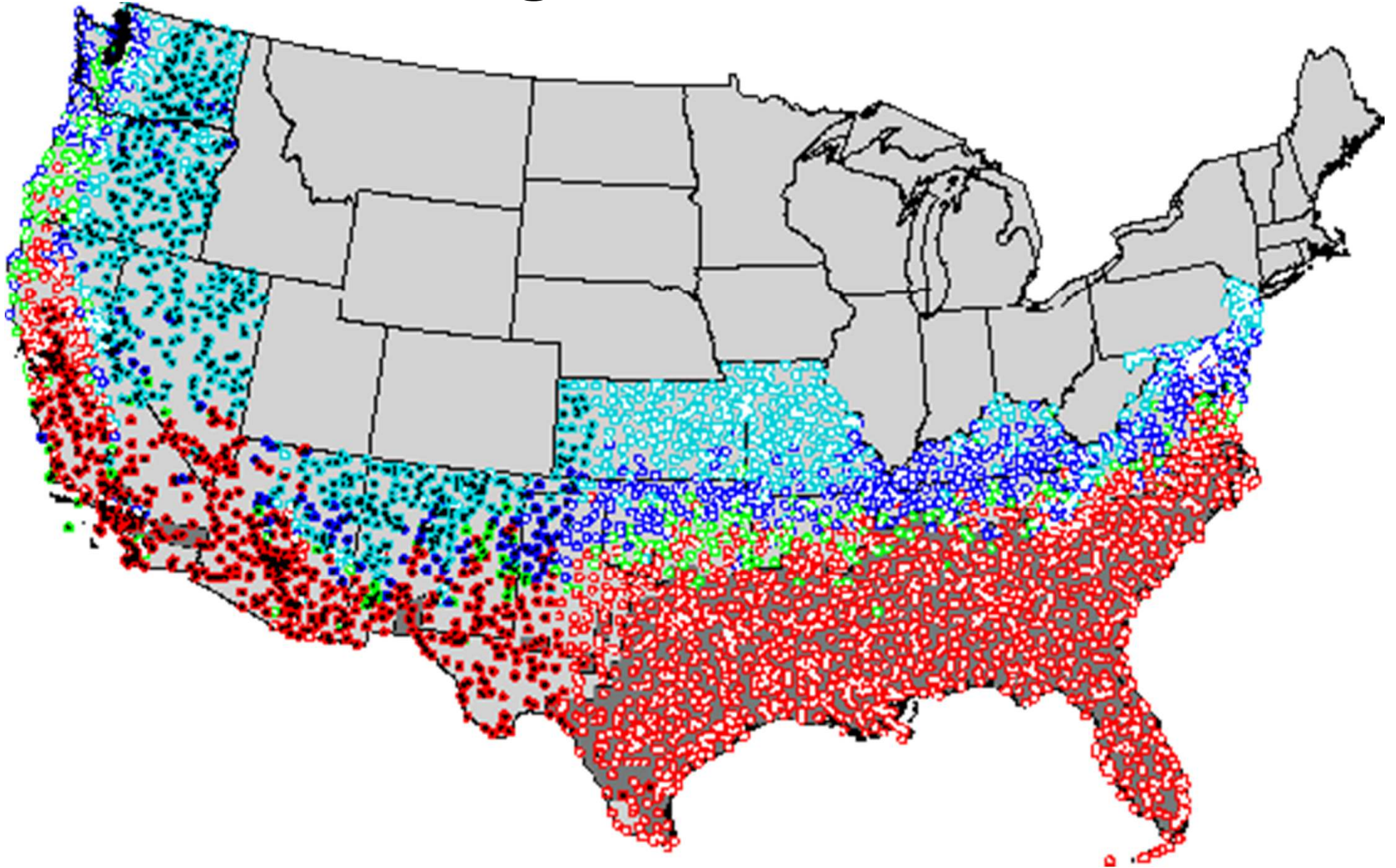
Transplant - Kudzu



Transplant - Fire Ants



Fire Ant Migration from Mobile



Fire Ant Bites



Transplant - African "killer" Bees



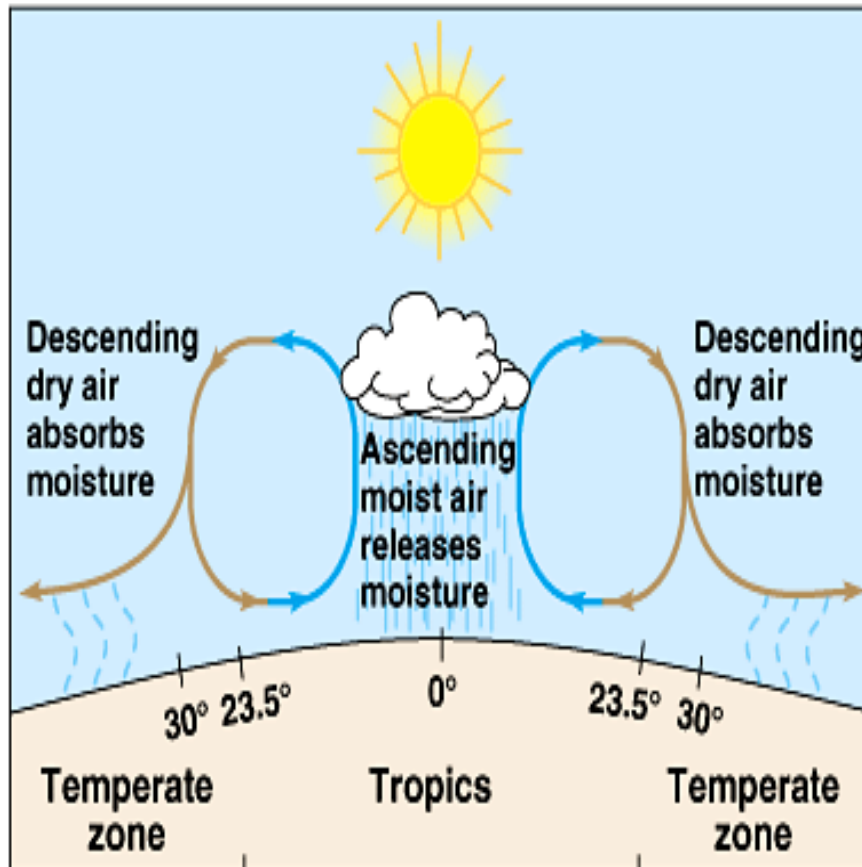
Pre AP Biology

Ecology Introduction (6.1)

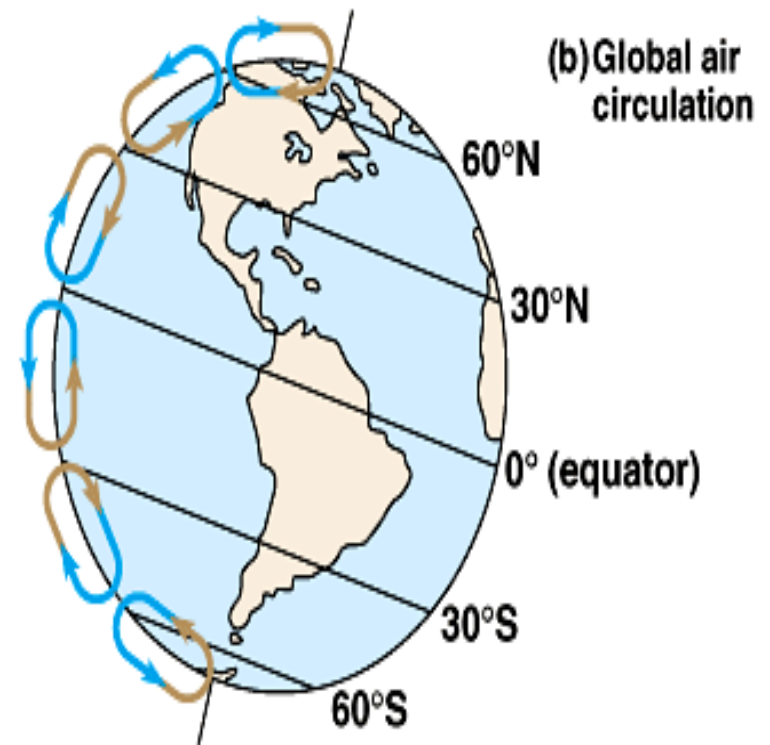
Part 2

Hadley cell model

Shows the movement of water vapor around the globe

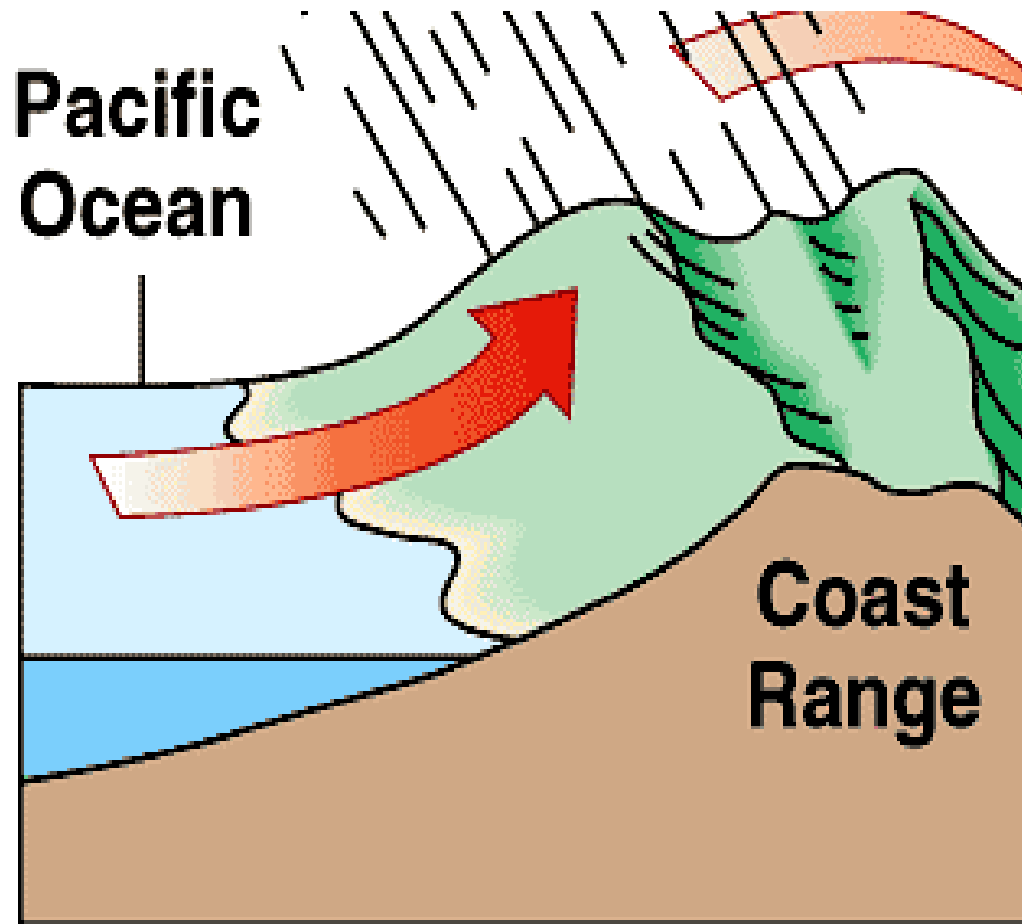


(a) Air circulation and precipitation near the equator



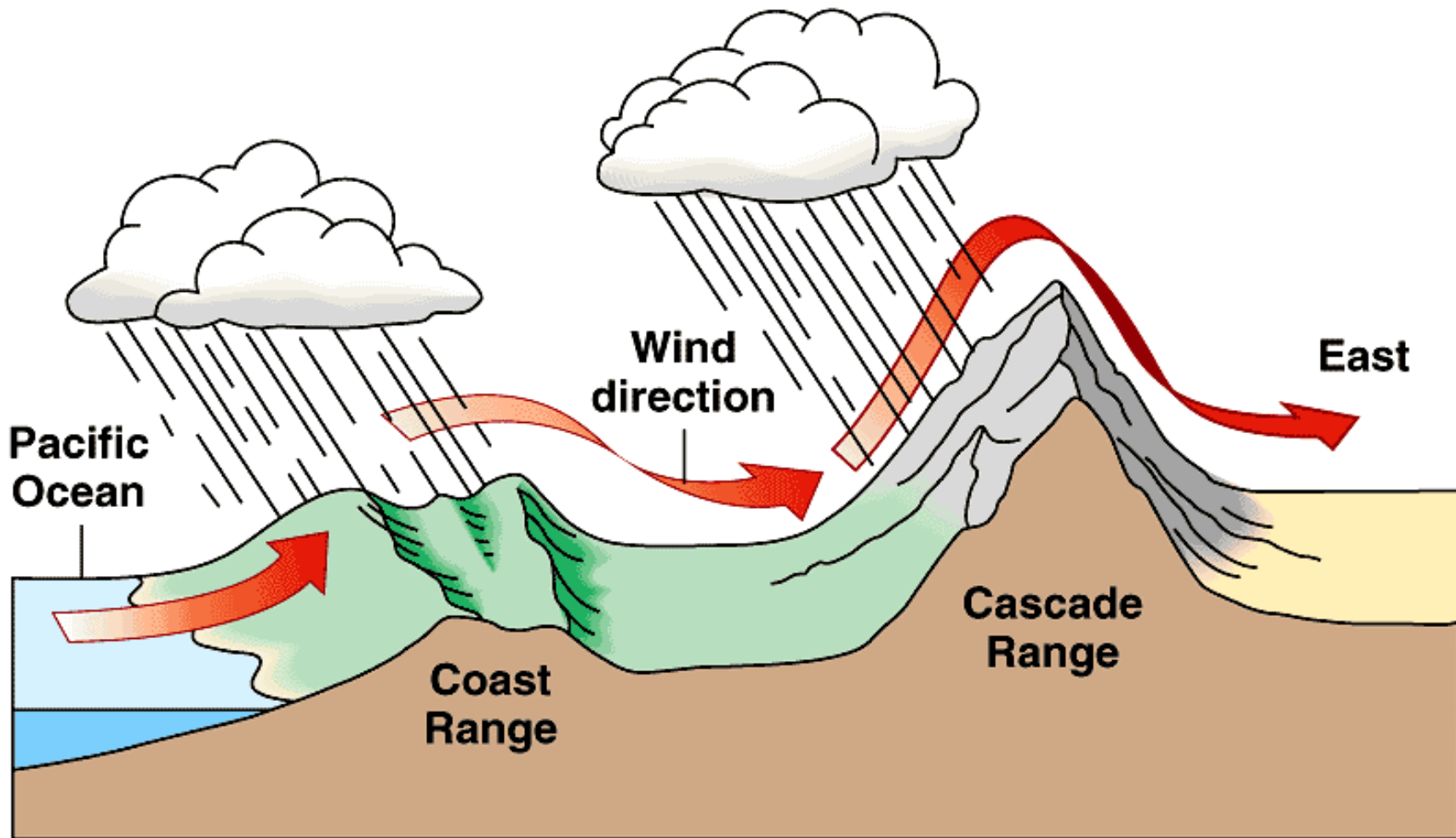
(b) Global air circulation

Local effect - Mountains

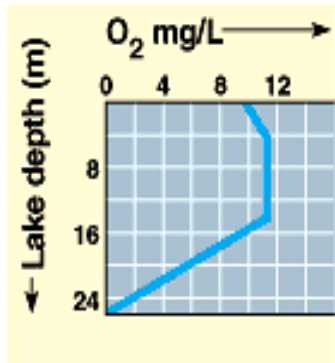


Copyright © Pearson Education, Inc., publishing as Benjamin Cummings

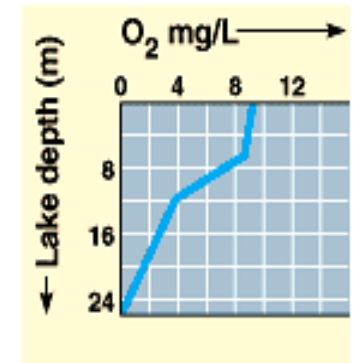
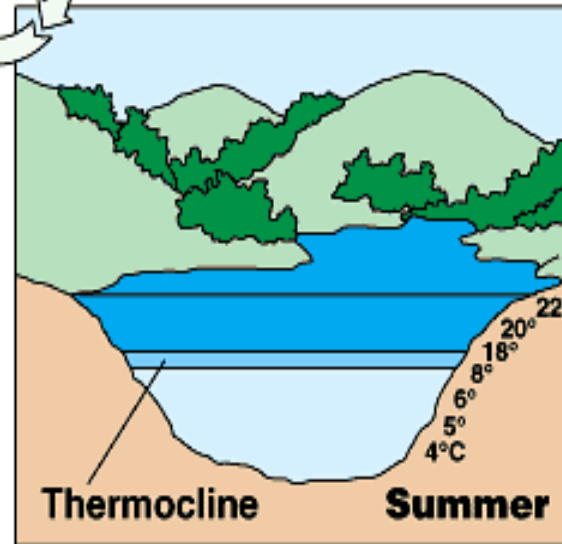
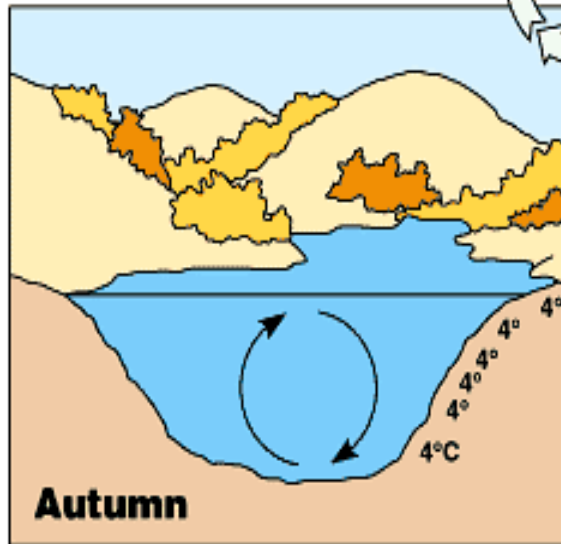
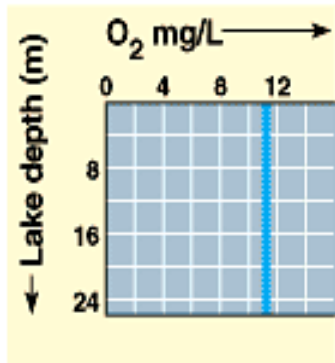
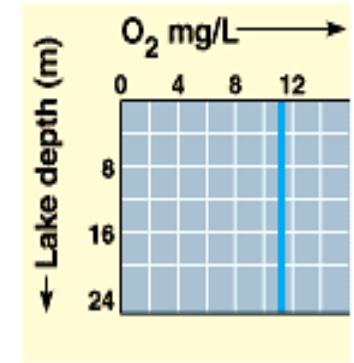
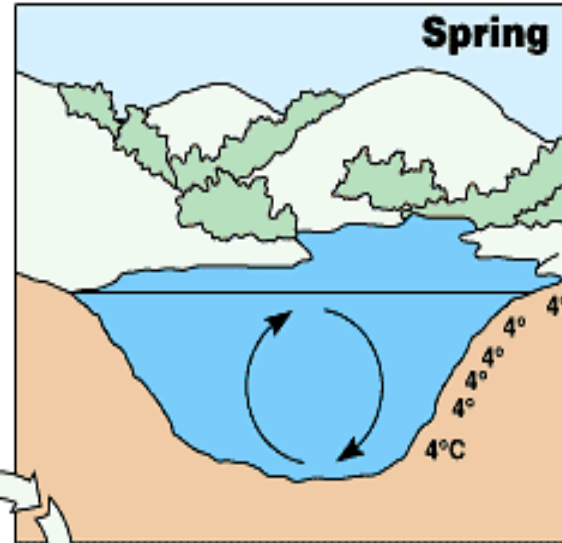
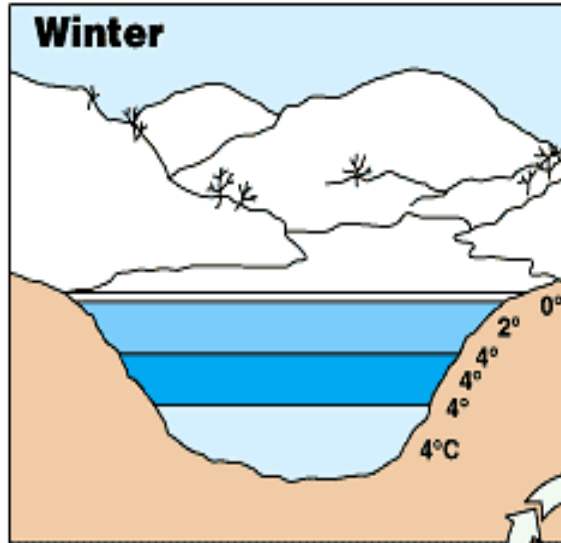
Rain Shadow Effect



Thermocline in ponds and lakes



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

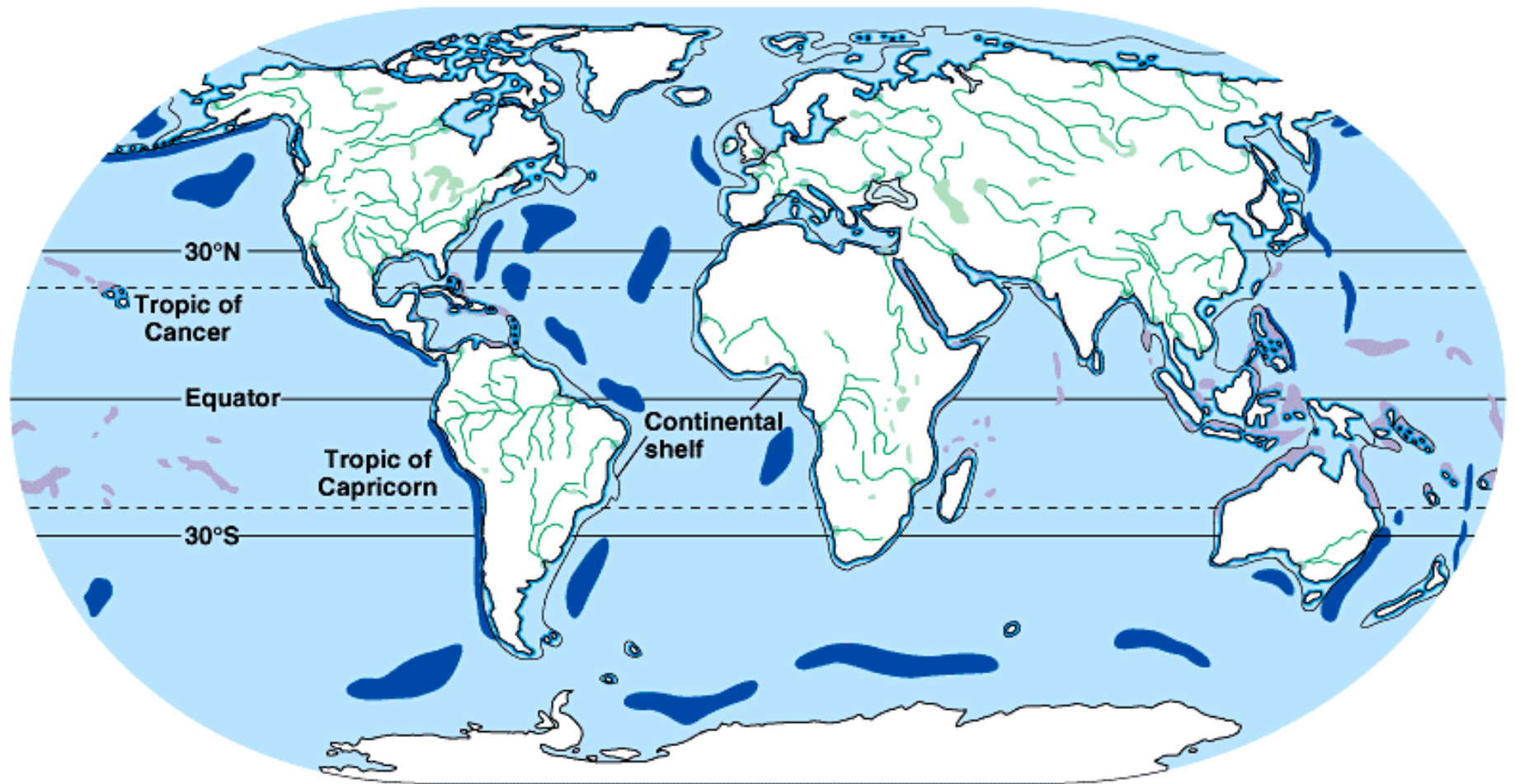


Pre AP Biology

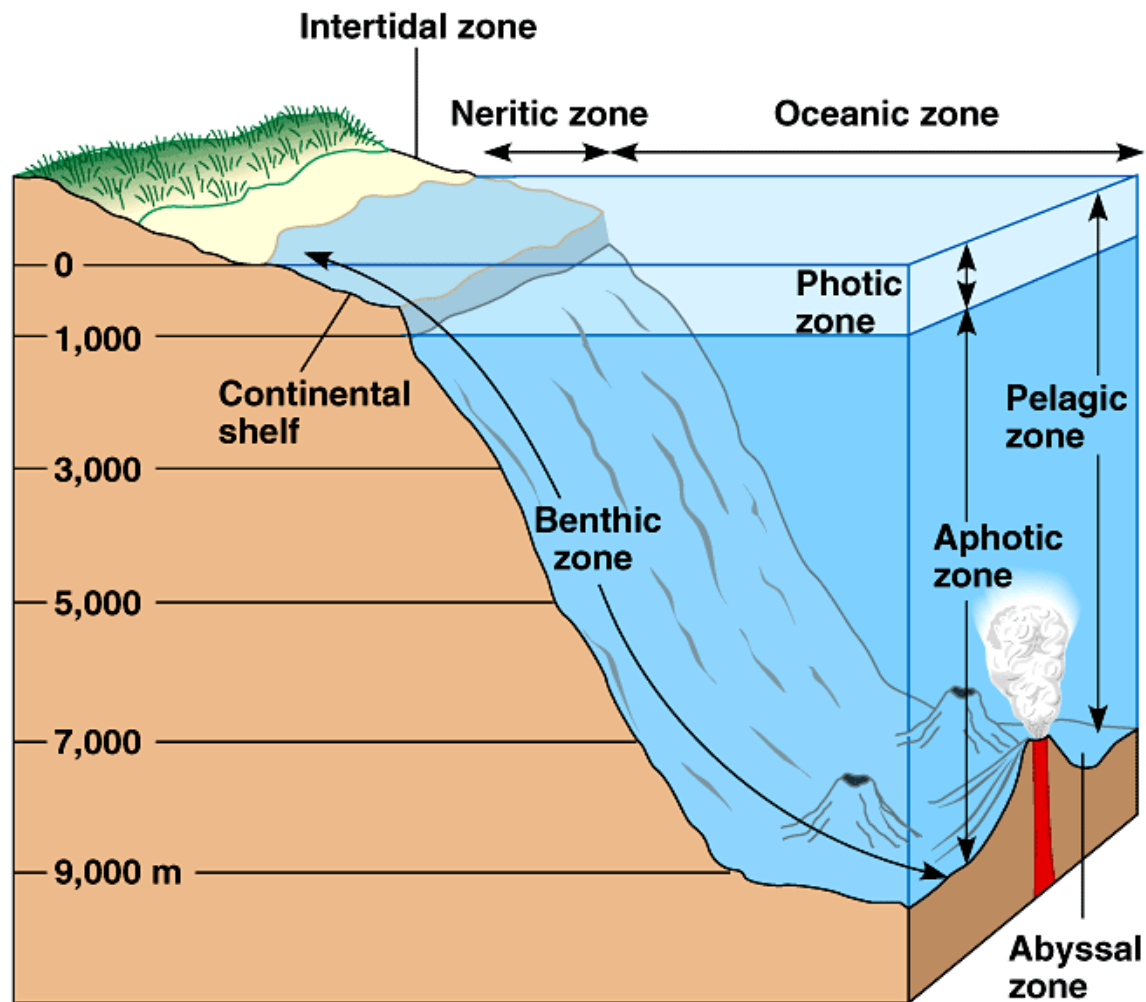
Ecology Introduction (6.1)

Part 3

Aquatic Biomes



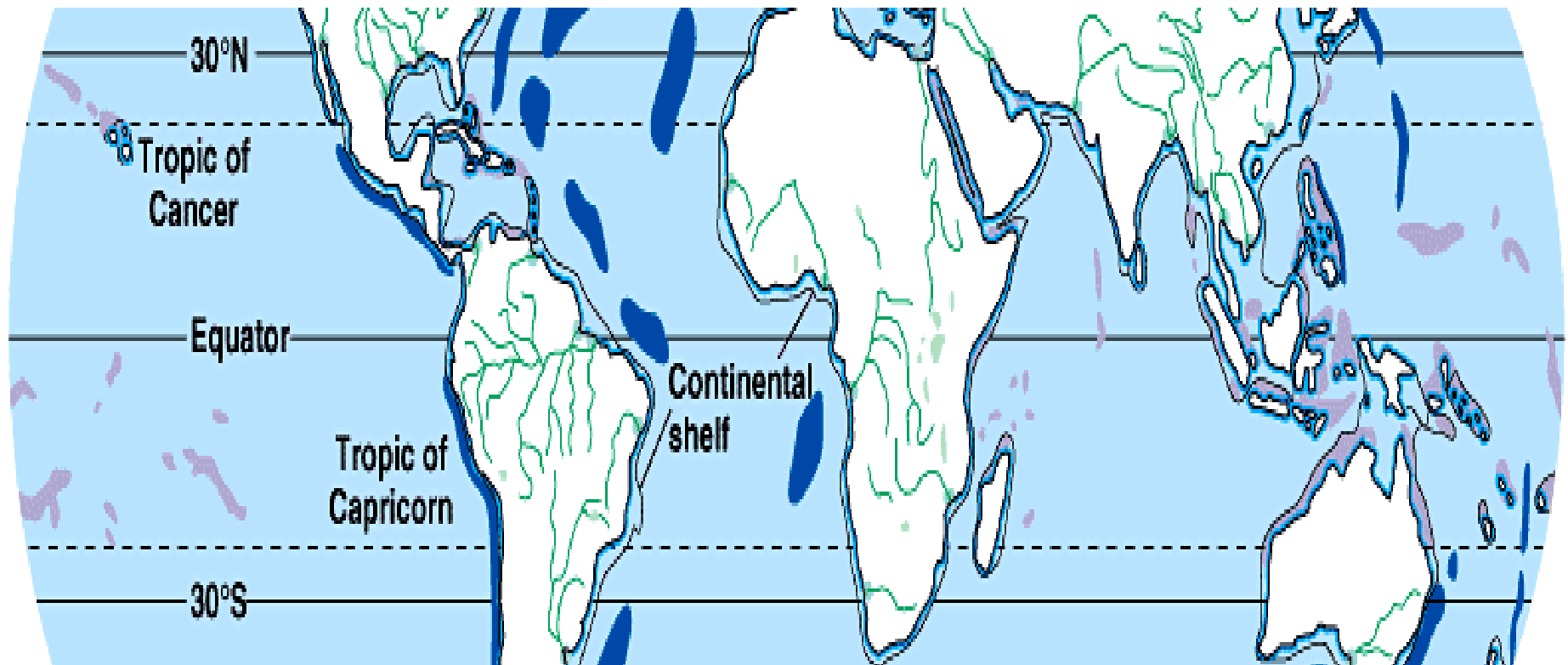
Coastal & Ocean terms



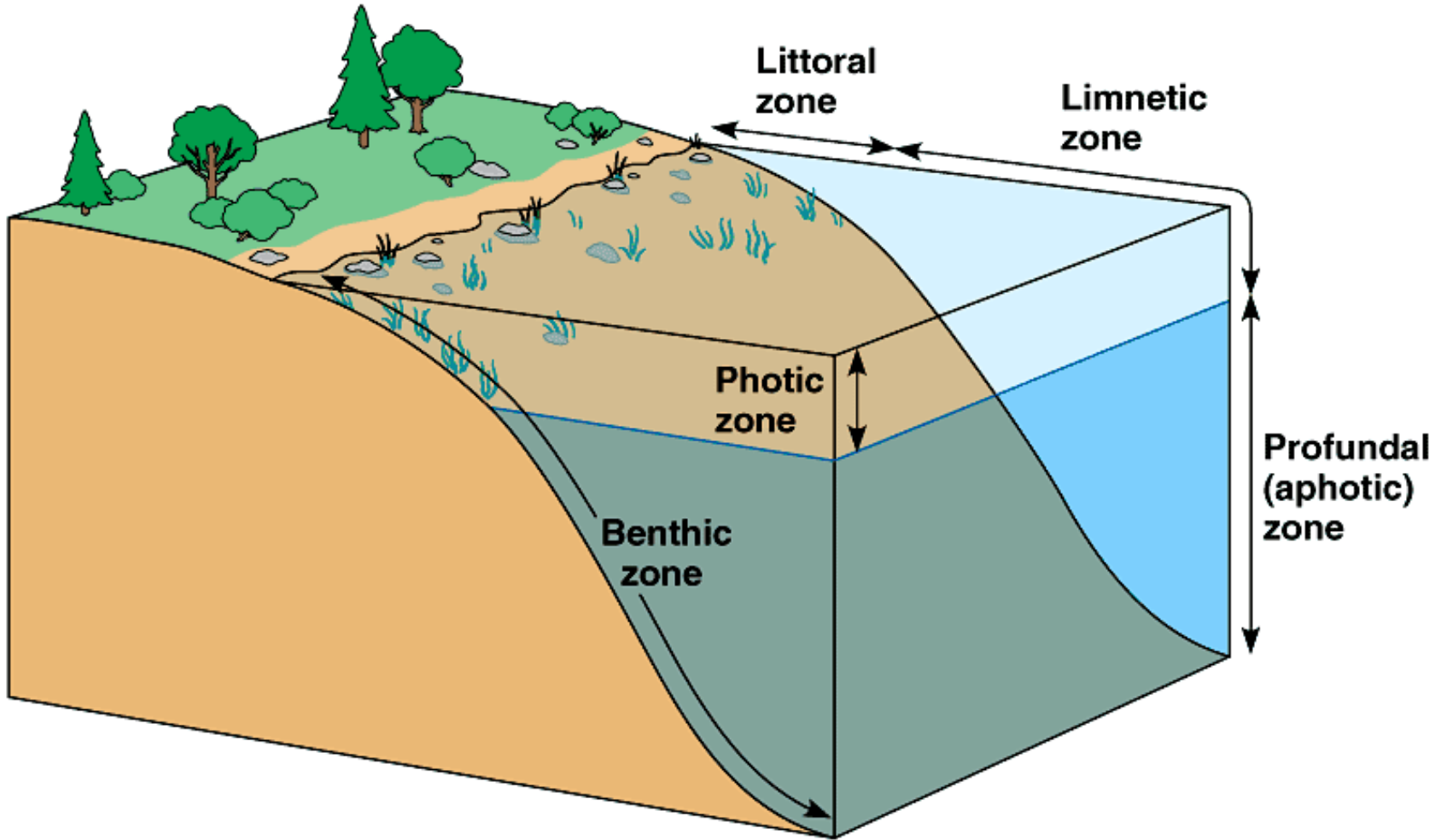
Copyright © Pearson Education, Inc., publishing as Benjamin Cummings.

Coral Reefs of the World (purple areas)

Rainforests of the oceans



Fresh water terms



Oligiotrophic Lake



Eutrophic Lake



Stream Headwaters



David Funk

Midstream



Estuary



Wetlands - Swamp



Wetlands - Marsh

