

Inverted pyramid of biomass



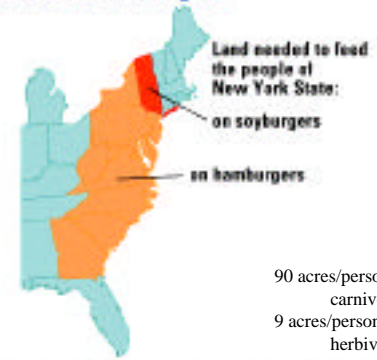
Pyramid of numbers in a canine community



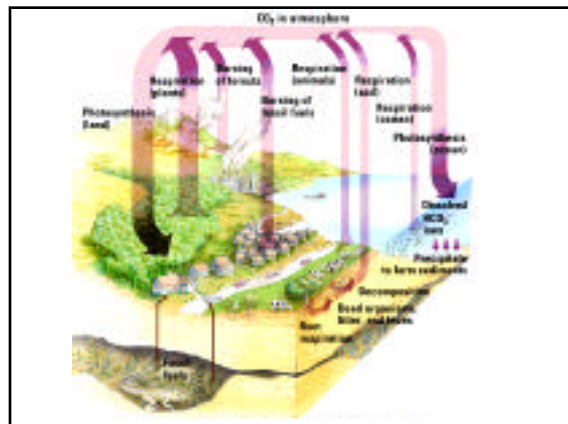
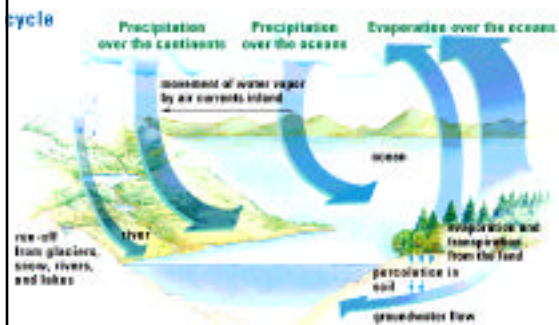
Pyramid of energy

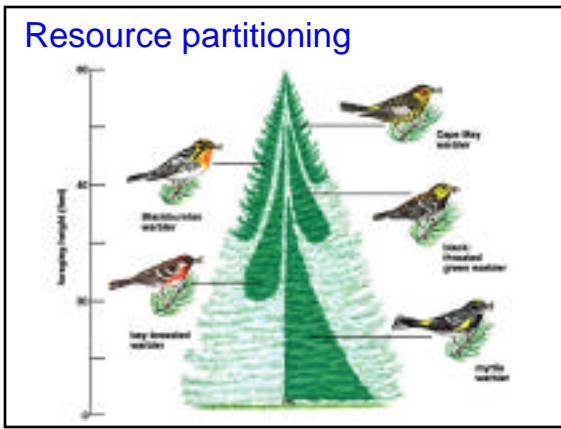
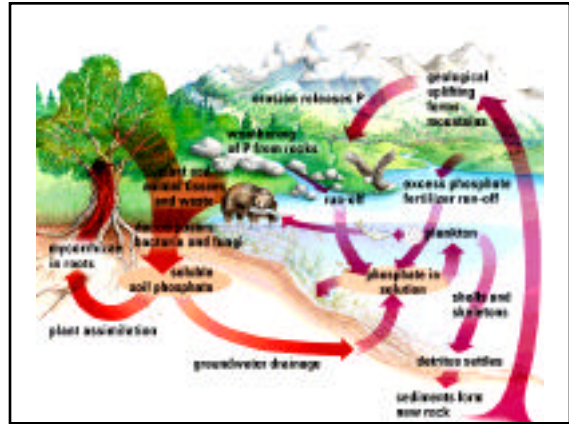
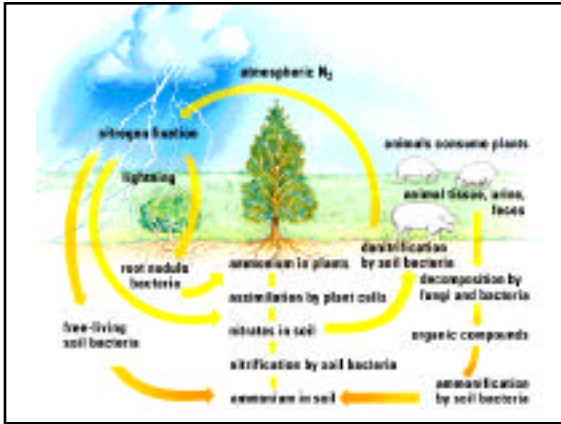


Ten percent law of hamburgers



Water cycle





Ecological niche

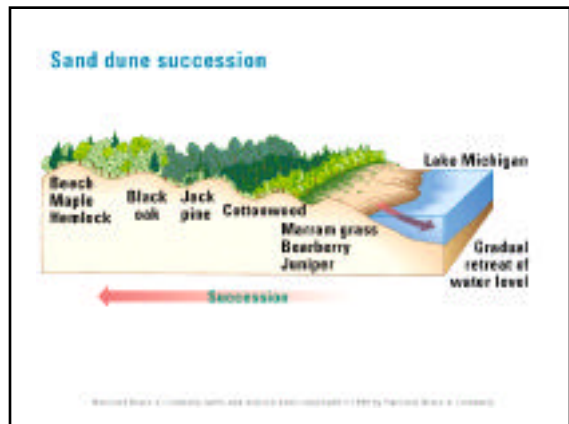
✓ A niche includes the organisms physical home and habitat

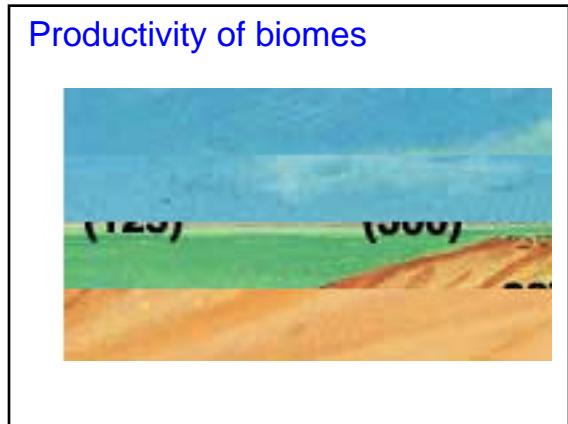
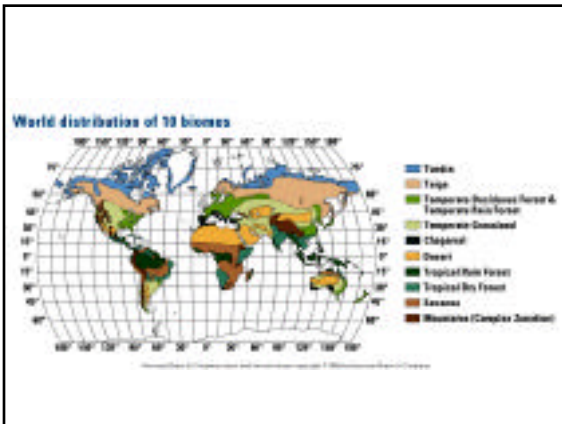
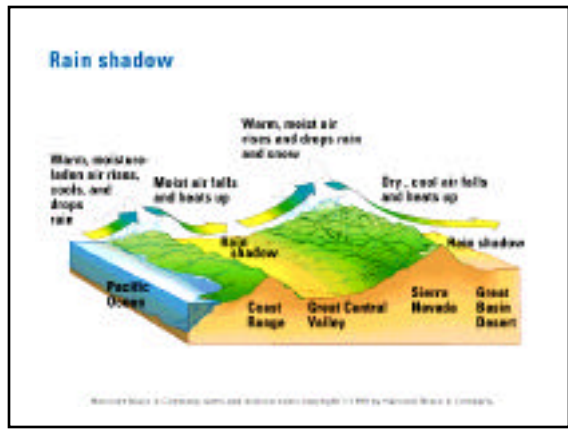
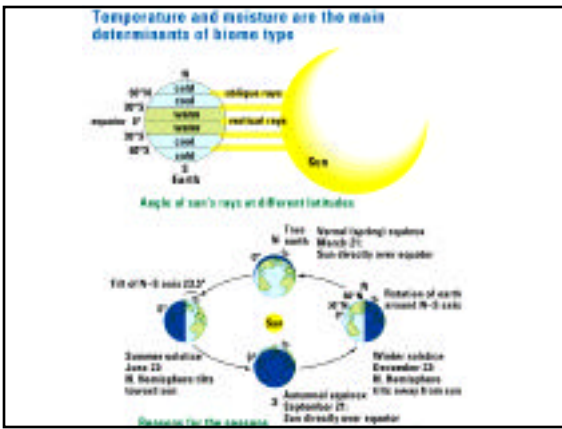
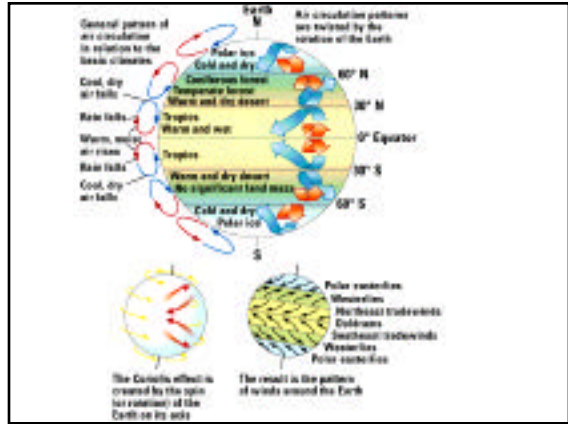
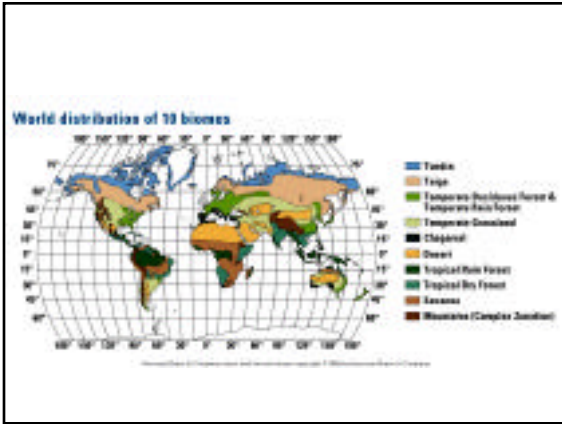
- White tail deer
 - Eastern deciduous forest
- Temperature
- pH of water and soil
- shade

5.5.1 Types of Ecological Interactions

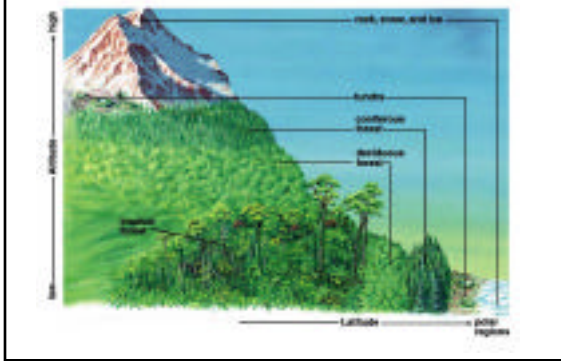
| EFFECT ON ORGANISM 1 | HARM | EFFECT ON ORGANISM 2 | |
|----------------------|-------------------------------|-------------------------------|--------------------|
| | | BENEFIT | NO EFFECT |
| HARM | Competition (-/-) | Predation or parasitism (-/+) | Amensalism (-/0) |
| BENEFIT | Predation or parasitism (+/-) | Mutualism (+/+) | Commensalism (+/0) |
| NO EFFECT | Amensalism (0/-) | Commensalism (0/+) | — |

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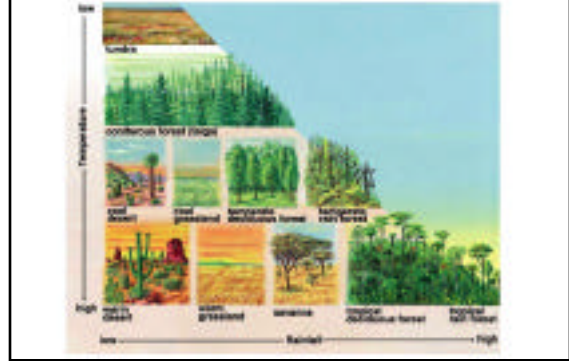




Climbing a mountain/going north?



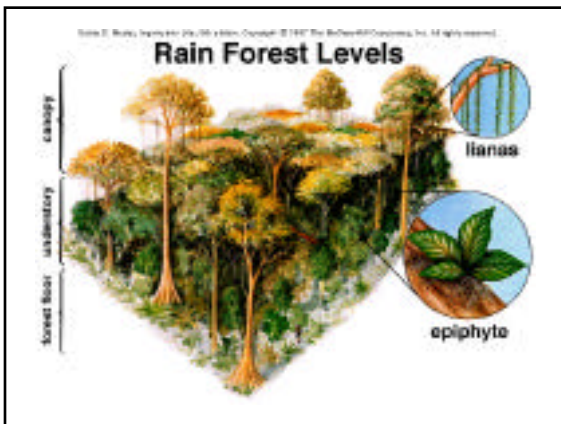
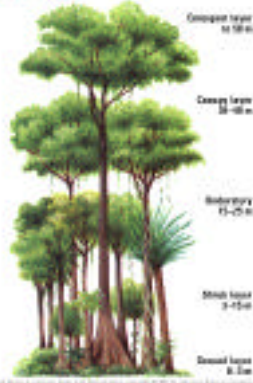
Rainfall and temperature



Tropical Rain Forest



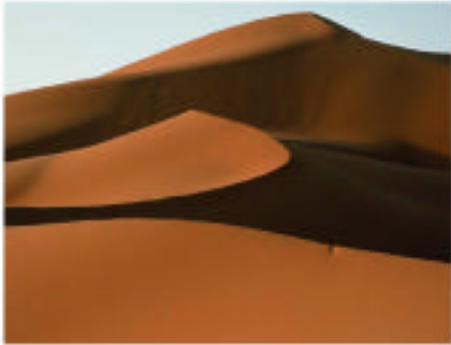
Layers of the forest



African savanna



Desert biome



Great basin desert



Sonoran Desert



Temperate Deciduous Forest Biome



Temperate Rainforest Biome



Chaparral Biome



Shortgrass Prairie Biome



Shortgrass Prairie or Sagebrush



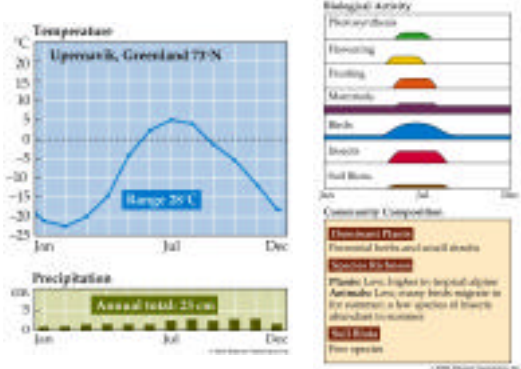
Tiaga (northern coniferous forest) Biome



The Tundra Biome



Tundra



Dividing the ocean into zones

