

TERMS AND CONCEPTS TO UNDERSTAND AS RELATED TO E.S.

case study: zebra mussels	mutualism	keystone species
intraspecific competition	symbiosis	dynamic
interspecific competition	pollination	resistance
competitive exclusion	amensalism	resilience
species coexistence	commensalism	primary succession
equilibrium	allelopathy	secondary succession
fundamental niche	facilitation	pioneer species
realized niche	trophic level	climax community
resource partitioning	producer	invasive species
character displacement	autotroph	ecological restoration
exploitation	terrestrial	restoration ecology
predation	primary consumers	biome
predator	secondary consumers	climatograph
prey	tertiary consumers	temperate deciduous forest
relative abundance	herbivores	temperate grasslands
population dynamics	carnivores	temperate rainforest
ramification	omnivores	tropical rainforest
adept	detritivores	tropical dry forest
parasitism	decomposers	savanna
parasite	microbial	desert
host	biomass	tundra
parasitoids	food chain	boreal forest
coevolution	food web	chaparral
evolutionary arms race	benthic	
herbivory	littoral	

AFFIXES: inter= between intra= within

SKILLS

- be able to identify examples of various types of interactions that occur between species
- be able to calculate the energy passed between trophic levels
- be able to interpret a food web; who-eats-who and the energy that's transferred
- be able to identify the major biomes of the world according to their climatograph.
- Know where each biome type would be found by latitude as well as by altitude. If given a blank diagram, you should be able to label it.
- Recognize examples of keystone species.