## Ec

cology Reading Guide		
1.	What is ecology?	
2.	What is an organism?	
3.	What is a species? How does the term <i>species</i> differ from an organism?	
4.	How many species are on earth?	
5.	What is a population? What are some examples?	
6.	What is a population's genetic diversity?	

7.	What is a community? How does it differ from a population?
8.	What is an ecosystem? What are some examples?
9.	What are the major components of an ecosystem?
10.	What happens to energy in an ecosystem?
11.	What are the biotic and abiotic components of an ecosystem?
12.	What is a range of tolerance?

13.	What is a limiting factor? What is the limiting factor principle?
14.	What is a producer? What are some examples?
15.	How can you summarize the chemical reaction photosynthesis?
16.	What is a consumer? What are some examples?
17.	What is the difference between a primary and a secondary consumer?
18.	What role do decomposers and detritivores play in ecosystems?

19.	What are the two main types of respiration and how do they compare?
20.	What happens to matter and energy in ecosystems? Which one flows and which one cycles?
21.	What are food chains, trophic levels, and food webs?
22.	What is biomass?
23.	What do energy flow pyramids represent?