**Review for Biodiversity and Food Webs Quiz**

1. What is the difference between an abiotic and a biotic factor? Provide an example of each.

2. Review energy pyramid for understanding of feeding relationship terms (autotroph/producer, heterotroph/consumer, herbivore, carnivore, omnivore, decomposer, primary/secondary/tertiary consumer).

3. What does an energy pyramid show? What part of the energy pyramid shows the greatest amount of biomass?

4. How much energy is transferred as you move up each trophic level of the energy pyramid?

5. Where does the “lost” energy go?

6. Why do top predators have to eat so much food to survive?

7. What part of the energy pyramid is crucial for the survival of an ecosystem?

8. What are the three survival relationships? Provide an example of each.

9. What is biodiversity?

10. Why is biodiversity important for the stability of food webs?

11. Why is biodiversity important for humans?