

Quiz - Interactions within an Ecosystem

Word Bank

ecosystem competition community consumer decomposer
mutualism parasitism predation producer commensalism

Part I: Fill-in-the-blank:

1. An organism that makes its own food, usually through photosynthesis, is called a _____.
2. An organism that obtains energy by eating other organisms is called a _____.
3. Organisms that break down dead plants, animals, and waste products are called _____.
4. When two organisms compete for the same limited resource, the interaction is called _____.
5. The interaction in which one organism hunts, captures, and eats another organism is called _____.
6. An interaction in which both organisms benefit is called _____.
7. An interaction in which one organism benefits while the other organism is harmed is called _____.
8. An interaction in which one organism benefits while the other organism is neither helped nor harmed is called _____.
9. All the different populations of organisms living and interacting in the same area make up a _____.
10. A group of living organisms and the nonliving factors with which they interact is called an _____.

Part II: Apply Your Knowledge

Directions: Read each situation and write the correct term from the word bank.

Word Bank

Predation parasitism mutualism commensalism competition

11. Two squirrels fight over a limited number of acorns in a forest. This interaction is _____.
12. A hawk catches and eats a mouse. This interaction is _____.
13. Bees obtain nectar from flowers while helping the flowers reproduce through pollination. This relationship is _____.
14. A tick feeds on the blood of a dog and benefits while the dog is harmed. This relationship is _____.
15. A small bird builds its nest in a tree. The bird benefits from the tree, while the tree is not significantly affected. This relationship is _____.