

Symbiotic Relationships

Correctly complete the following statements.

1. The place an organism lives is called its _____.
2. This is a symbiotic relationship between organisms where both are helped (+,+)
This relationship is called _____.
3. This is a symbiotic relationship between organisms where one organism is helped,
while the other is harmed. (+,-) This relationship is called _____.
4. This is a symbiotic relationship between organisms where one organism is helped,
while the other it is associated with is basically unaffected. (+, 0) This relationship
is called _____.

In questions 6 through 8, select the term from the list below that is most closely associated with the following statement.

List of terms : (1.) parasitism (2.) commensalism (3.) mutualism (4.) decomposers
(5.) competition

6. The roots of a mistletoe plant absorb nutrients from living oak trees, causing some damage to the tissues of the trees.
 7. Protozoans living in the intestine of a termite secrete enzymes that digest cellulose, providing digestive end products of value to both organisms.
 8. Certain fungi use dead organic matter for food.
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- 9.. The relationship between fleas and a dog is most similar to the relationship between (1.) honeybees and flower (2.) orchids and a tree (3.) nitrogen-fixing bacteria and a legume (4.) athlete's food fungus and a human
 10. The American dogwood, a flowering tree of New York State's woodlands, has been attacked by a fungal disease specific to this tree species. Many dogwoods have died because fungicides have not proven effective in fighting the spread of this disease. Which term best describes the relationship between the dogwood trees and the fungus? (1.) parasitism (2.) mutualism (3.) commensalism (4.) saprophytism
 - 11 A symbiotic relationship exists between two organisms of different species. If only one organism benefits from the relationship and the other is not harmed, the relationship is known as (1.) mutualism (2.) commensalism (3.) parasitism (4.) saprophytism