

Symbiotic relationships of fungi Quiz

1. **True or False: Many plants need fungi to live.**
2. **True or False: Both organisms benefit in a mutualistic relationship.**
3. **What is lichen?**
4. **Define symbiosis.**
5. **What are the benefits of a mycorrhizae relationship?**
6. **How do fungi help ants and termites?**
 - a) Fungi help ants and termites digest wood or leaves.
 - b) Fungi provide ants and termites with food,
 - c) Fungi decompose ants and termites.
 - d) all of the above
7. **Fungi cause what human diseases?**
 - a) Dutch Elm disease and ringworm
 - b) athlete's foot and worms
 - c) ringworm and athlete's foot
 - d) poison oak skin rash and ringworm
8. **Fungi forms symbiotic relationships with**
 - a) plants and algae
 - b) insects
 - c) humans
 - d) all of the above
9. **Which of the following statements is true?**
 - a) Dutch elm disease is a serious issue in the world today.
 - b) Dutch elm disease is caused by a fungal parasite.
 - c) Dutch elm fungus was carried to the trees by mosquitoes.
 - d) all of the above are true
10. **Primary succession is the new growth of life in areas where life has never been. This is usually on new land where soil may be lacking. In a rock-based environment without soil, what type of fungi is probably one of the earliest forms of life?**
 - a) mushrooms
 - b) lichen
 - c) mycorrhizae
 - d) molds