Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Fred and Theresa Holtzclaw

AP Biology

Chapter 26--The Colonization of Land (Fungi)

***26.2 Fungi are heterotrophs that feed by absorption***

1. Both animals and fungi are multicellular heterotrophs, but they differ in how they obtain their

nutrients. Explain how fungi bring in nutrients.

2. Both plants and fungi have cell walls. What material is found in the cell wall of fungi?

3. The body of a fungus consists of hyphae, which make up the mycelium. What are these?

***26.2 & 5 Fungi play key roles in nutrient cycling, ecological interaction and human welfare***

4. Mycorrhizae are important to plant nutrition. Explain the action of mycorrhizae.

|  |  |
| --- | --- |
| **Explanation of Mode of Nutrition** | **Fungus example** |
| Decomposer |  |
| Parasitism |  |
| Mutualism |  |