

Terrestrial Biomes Term Review

Directions: Compare and contrast the following pairs of terms:

1. Temperate grassland / Savanna: _____

2. Tundra / Taiga: _____

3. Adaptation / Tolerance: _____

Fill in the Blank:

- _____ 4. Grasslands are known by what name in North America?
- _____ 5. Grasslands are known by what name in southern Africa?
- _____ 6. What term is used to describe trees that lose all of their leaves each year during the fall season and regrow them in the spring?
- _____ 7. In a tropical rain forest, what name is given to the dense covering formed by the tops of the very tall trees?
- _____ 8. A system of terrestrial communities that cover a large area and are characterized by certain soil and climate conditions, and particular types of plants and animals.
- _____ 9. What name is given to the permanently frozen layer of soil in the tundra?
- _____ 10. What name is given to a plant that is not rooted in the soil but instead grows directly on another plant?

Short Answer Questions:

11. What distinguishes one biome from another? In other words, how are biomes classified?

12. Why do so few trees grow in the tundra? _____

13. Plants and animals that survive in a desert have numerous adaptations that enable them to survive. List examples of these plant and animal adaptations. _____

14. What is the adaptive advantage of deciduous trees losing their leaves each year? _____

15. Why is the soil so nutrient-poor in a tundra biome? _____

16. Tropical rain forests are being destroyed at an alarming rate. Predict what might happen to carbon dioxide levels as a result. Explain your answer. _____
