Chapter 11: The Role of Plants in Ecosystems Part 2

COMPLETION

1. Plants need _____ to reach light and for their roots to grow.
2. _____ is used in photosynthesis and is absorbed by plant roots.
3. Plants, some _____, and some protists carry out photosynthesis.
4. Glucose produced by plants supplies energy to any _____ along a food chain.
5. _____ breaks down glucose into energy that can be used by organisms.
6. Glucose is a simple _____.
7. Corn, alfalfa, clover, and herbs are all examples of organisms that occupy the _____ level of a food chain.
8. The composition of the atmosphere is about _____% nitrogen.
9. Water leaves plants through _____ in the leaves.
10. Plants collect _____ in their tissues as they grow.
11. Soil _____ occurs when wind and water remove top layers of soil.
12. Removal of sediment and excess nutrients by plants along streams can maintain _____ in the streams.
13. Plants can remove toxins from water, soil or _____.

LIVEWORKSHEETS

14. A boreal _____ provides habitat to many species.

15. _____ provide important habitats for migrating birds to feed and rest in spring and fall.

16. The provision of a fibre source to humans is an ecosystem _____ provided by plants.

17. Cough medicine can be made from the young branches of a white _____ tree.

18. _____ is made by spraying a thin layer of wood pulp on a wire screen, then drying and pressing it.

19. Monocultures are _____ to maintain than are multiple crops growing in the same area at the same time. (easier/harder)

20. In a(n) _____, the amount of fertilizer applied can be the same over an entire field, since all of the plants have the same requirements.

21. Forestry technicians may estimate the amount of _____ that can be harvested from a forest.

22. Green spaces in urban areas include _____ and gardens.

23. Landscape designs can reduce noise levels by up to _____%.

24. Sustainability requires consideration of the needs of the present and _____.

25. An area underserved by food retailers is known as a food _____.

26. Green _____ help to reduce the cost of heating and cooling buildings.

LIVEWORKSHEETS