

Skills Worksheet

Directed Reading A

Section: Freshwater Ecosystems

STREAM AND RIVER ECOSYSTEMS

1. Water in rivers, brooks, and streams may flow from which three sources?

2. A strong, wide stream is a(n) _____.

3. A stream of water joining a larger stream is a(n) _____.

4. What is one important abiotic factor in freshwater ecosystems?

Match the correct description with the correct term. Write the letter in the space provided.

_____ 5. attach to rocks

a. insects

_____ 6. live under rocks

b. tadpoles

_____ 7. use suction disks

c. algae and moss

POND AND LAKE ECOSYSTEMS

Match the correct description with the correct term. Write the letter in the space provided.

_____ 8. zone that goes as deep as sunlight can reach; home to many photosynthetic plankton

a. deep-water zone

b. open-water zone

_____ 9. zone where no sunlight reaches; organisms feed on dead organisms from above

c. littoral zone

_____ 10. zone closest to the edge of a lake or pond; sunlight reaches the bottom

Directed Reading A *continued*

11. What makes it possible for algae and plants to grow in the littoral zone?

12. Name three organisms that live in the deep-water zone.

WETLAND ECOSYSTEMS

Match the correct description with the correct term. Write the letter in the space provided.

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|--|------------|
| _____ 13. a wetland ecosystem with trees and vines | a. wetland |
| _____ 14. an area of land that is sometimes
underwater or has very moist soil | b. marsh |
| _____ 15. a wetland ecosystem that has no trees but
has other plants | c. swamp |

16. Name three reasons that wetlands are valuable.

17. Where are freshwater marshes often found?

18. Where are swamps found?

Directed Reading A *continued*

FROM A LAKE TO A FOREST

- _____ 19. What happens when plants and animals at the bottom of a lake decompose?
- a. Animal life in the lake increases.
 - b. The lake has more water.
 - c. Oxygen is lost, affecting the animals that live in the lake.
 - d. Living conditions for fish improve.
- _____ 20. How does a lake start to become a forest?
- a. Plants grow farther from the center of the lake.
 - b. Sediment and leaves settle at the bottom of the lake.
 - c. The lake becomes a stream.
 - d. Fishes die off due to increased oxygen levels.