

Skills Worksheet

# LS 7: Ch 20-3 Dir. Reading A (p540-543)

## Section: Freshwater Ecosystems

### STREAM AND RIVER ECOSYSTEMS

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

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\_\_\_\_\_

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.**

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|---------------------------------------------------------------------------------------------|--------------------|
| _____ 8. zone that goes as deep as sunlight can reach; home to many photosynthetic plankton | a. deep-water zone |
| _____ 9. zone where no sunlight reaches; organisms feed on dead organisms from above        | b. open-water zone |
| _____ 10. zone closest to the edge of a lake or pond; sunlight reaches the bottom           | c. littoral zone   |

**Directed Reading A *continued***

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

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

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**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<br>underwater or has very moist soil | b. marsh   |
| _____ 15. a wetland ecosystem that has no trees but<br>has other plants          | c. swamp   |

16. Name three reasons that wetlands are valuable.

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17. Where are freshwater marshes often found?

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18. Where are swamps found?

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**Directed Reading A *continued***

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**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.