

Conceptual Biology

Chapter 18: Ecosystems

Biomes and Aquatic Habitats

1. Match each of the following features with the appropriate biome.

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|---------------------------------------------------------------------------------|-------|---------------------|
| a. Tropical grassland | _____ | Tropical forest |
| b. A habitat that receives very little precipitation, can be cold or hot | _____ | Temperate forest |
| c. Permafrost is found in this biome | _____ | Coniferous forest |
| d. Mild, rainy winters, and hot summers with drought and fire | _____ | Tundra |
| e. The trees in this biome have needlelike leaves that can survive cold winters | _____ | Savanna |
| f. More species are found in this biome than in all other biomes combined | _____ | Temperate grassland |
| g. A grassland found in areas with four distinct seasons | _____ | Desert |
| h. In this biome, trees drop their leaves in the autumn | _____ | Chaparral |



2. What kinds of adaptations do you expect to see in a freshwater organism that lives in a river or stream? Why?

3. a. What is an estuary?

b. What adaptations are found in plants that live in estuaries?

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Biomes and Aquatic Habitats—continued

4. a. What is an intertidal habitat?

b. What feature of intertidal habitats makes them challenging environments to live in?

c. What are some adaptations found in organisms that live in intertidal habitats?
