

Communities, Biomes, and Ecosystems

Section 3 Aquatic Ecosystems

Main Idea

Details

Scan the titles, boldfaced words, figures, and captions in Section 3. Write three facts you discovered about aquatic ecosystems.

1. _____
2. _____
3. _____

Review Vocabulary

Use your book or dictionary to define salinity.

salinity

New Vocabulary

Write the correct term in the left column for each definition below.

_____	deepest areas of a large lake
_____	narrow band where the ocean meets land
_____	area of the open ocean that is too deep for sunlight to penetrate
_____	area of the open ocean to a depth of about 200 m that is shallow enough for sunlight to penetrate
_____	deepest region of the ocean
_____	areas of land such as marshes, swamps, and bogs that are saturated with water and that support aquatic plants
_____	area of a lake or pond that is closest to shore
_____	ecosystem that is formed where a freshwater river or stream merges with the ocean
_____	open water area of a lake or pond that is well lit and dominated by plankton
_____	area of sand, silt, and dead organisms along the ocean floor
_____	material that is deposited by water, wind, or glaciers
_____	free-floating photosynthetic autotrophs that live in freshwater or marine ecosystems

Section 3 Aquatic Ecosystems (continued)

Main Idea

Details

The Water on Earth

I found this information on page _____.

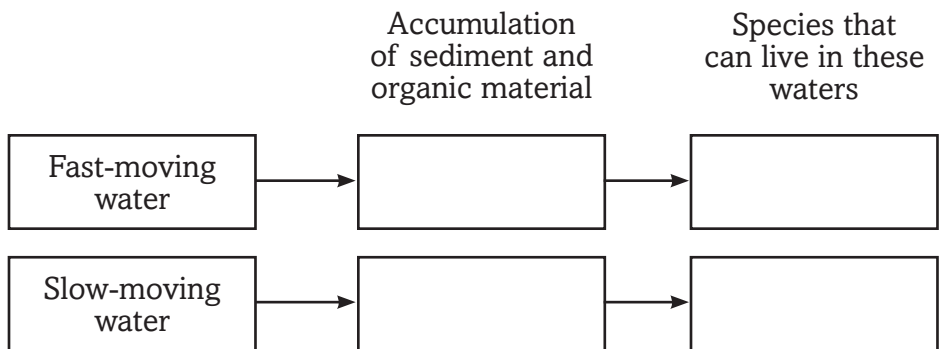
Complete *this paragraph about the distribution of water on the Earth.*

By far, _____ is the most common type of water on Earth. Of the 2.5 percent of _____ on Earth, most is locked in the ice of _____. Most freshwater species live in _____, _____, _____, _____, and _____ that make up only _____ percent of all freshwater. The remaining freshwater is found in _____.

Freshwater Ecosystems

I found this information on page _____.

Analyze *how the speed of water flow affects life in a river by writing more or less in the appropriate boxes in the figure.*



Compare *the zones of lakes and ponds by completing the table below.*

Zone	Location	Example Species
	well-lit open water area	
		limited due to cold and reduced light and oxygen
littoral		

Section 3 Aquatic Ecosystems (continued)

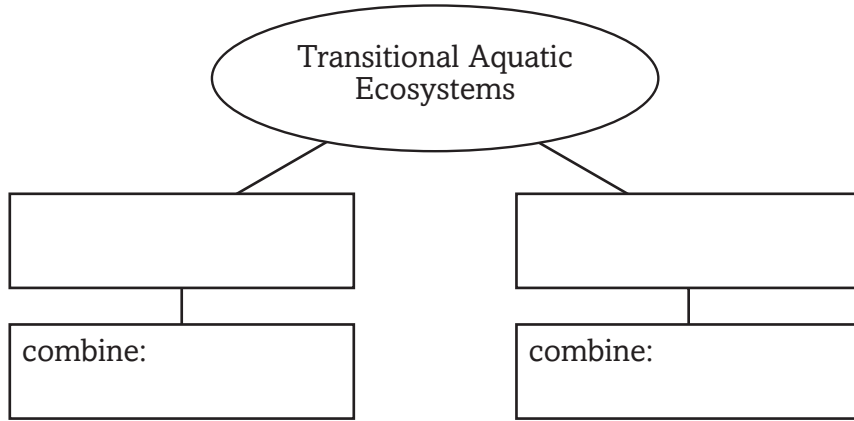
Main Idea _____

Details _____

Transitional Aquatic Ecosystems

I found this information on page _____.

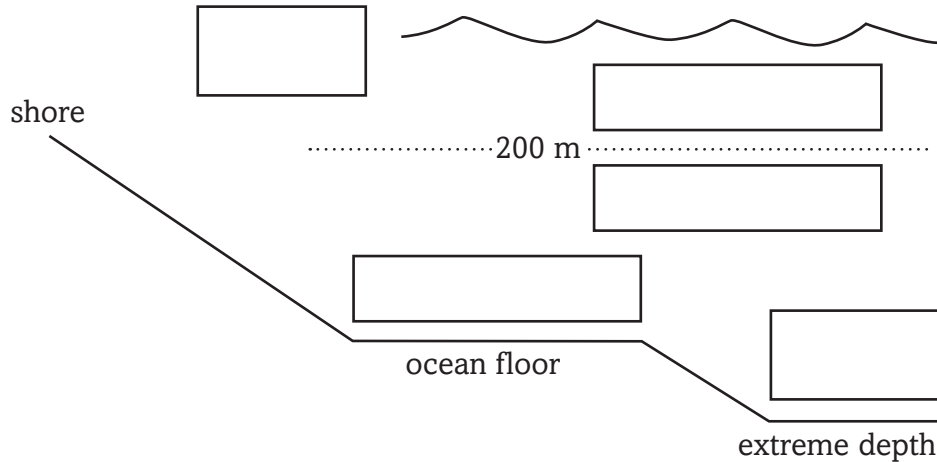
Compare *transitional aquatic ecosystems. Identify two types in the organizer below and describe the environments each type combines.*



Marine Ecosystems

I found this information on page _____.

Identify *the marine ecosystems. Write the name of the zone in each box in the figure below.*



SUMMARIZE

Analyze several adaptations that would help organisms survive in the intertidal zone.
