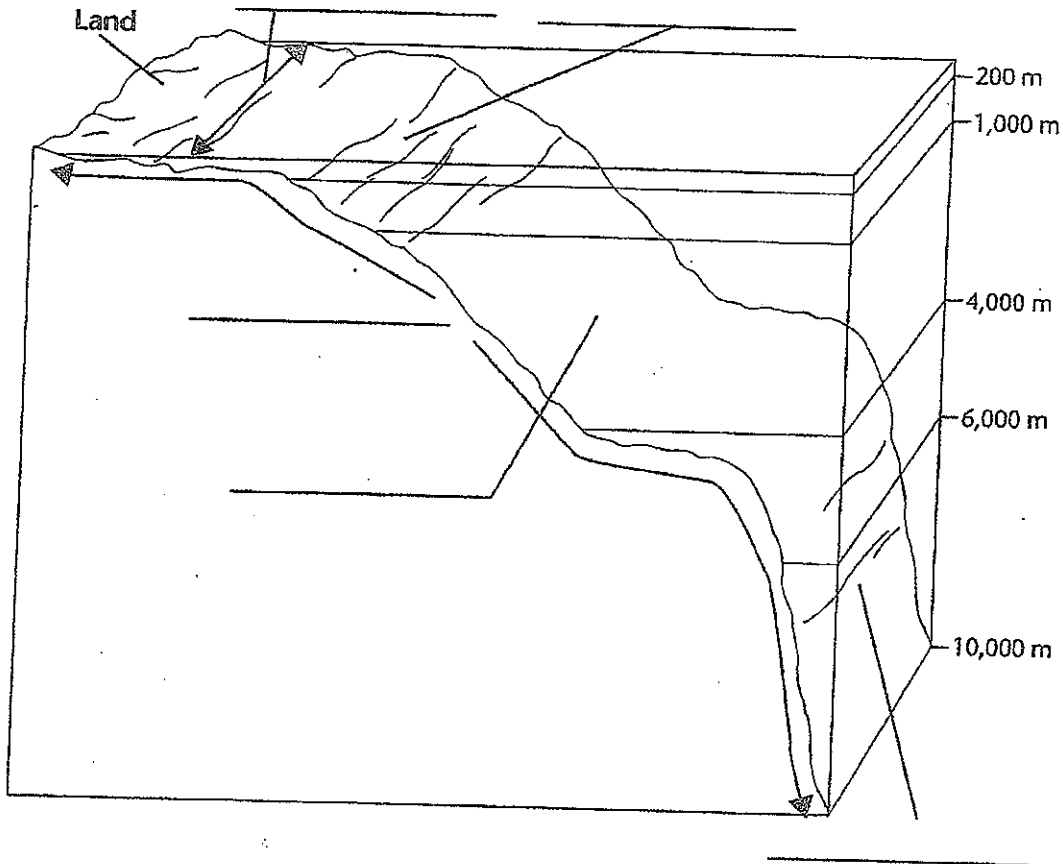


Marine Ecosystems

Color the photic zone in the diagram yellow. Then use the words below to label the marine zones that are based on depth and distance from shore.

benthic zone	intertidal zone	open ocean
coastal ocean	ocean trench	



Use the diagram to answer the questions.

1. What is the aphotic zone?

2. Where do algae and other photosynthetic producers grow?
Circle the correct answer.

aphotic zone photic zone

Chapter 4 Ecosystems and Communities

Vocabulary Review

Matching *In the space provided, write the letter of the definition that best matches each term.*

- | | |
|----------------------|--|
| _____ 1. photic zone | a. layer of permanently frozen subsoil in the tundra |
| _____ 2. weather | b. well-lit upper layer of ocean water |
| _____ 3. permafrost | c. any relationship in which two species live closely together |
| _____ 4. symbiosis | d. day-to-day condition of Earth's atmosphere at a particular time and place |

Hidden Word *Use the clues to write the correct vocabulary term in each of the blanks.*

abiotic factor	estuary	plankton	tropical zone
biome	habitat	resource	

Clues

- area near the equator that receives direct or nearly direct sunlight year-round
 _____ _____
- tiny free-floating or weakly swimming organisms that live in water environments _____ _____
- physical, nonliving part of an ecosystem
 _____ _____
- a group of environments that have similar and characteristic soil conditions, climate, plants, and animals _____ _____
- area where an organism lives _____ _____
- wetlands formed where rivers meet the sea
 _____ _____
- any necessity of life _____ _____

Use the circled letter in each term to find the hidden vocabulary word.

Hidden Word: _____