

CHAPTER 2

Section 1: Organisms and Their Relationships

Study Guide

In your textbook, read about ecology.

Read each statement. If it describes the study of ecology, write yes. If not, write no.

- _____ 1. Ecology is the study of interactions among organisms.
- _____ 2. Ecologists mainly study green plants.
- _____ 3. Most experiments in ecology are quick and done in a lab.
- _____ 4. Models help ecologists control the many variables in their studies.

In your textbook, read about the biosphere and levels of organization.

Match the definition in Column A with the term in Column B.

Column A

- _____ 5. made up of individual organisms of the same species
- _____ 6. all nonliving things in an environment
- _____ 7. made up of the organisms and nonliving things in an area
- _____ 8. portion of Earth that supports life
- _____ 9. all living organisms in an environment

Column B

- A. abiotic factors
- B. biosphere
- C. biotic factors
- D. ecosystem
- E. population

In your textbook, read about the ecosystem interactions and community interactions.

Complete the table by checking the correct column(s) for each interaction.

Interaction	Involves Abiotic Factors	Involves Biotic Factors
10. Commensalism		
11. Competition		
12. Habitat		
13. Mutualism		
14. Niche		
15. Predation		