

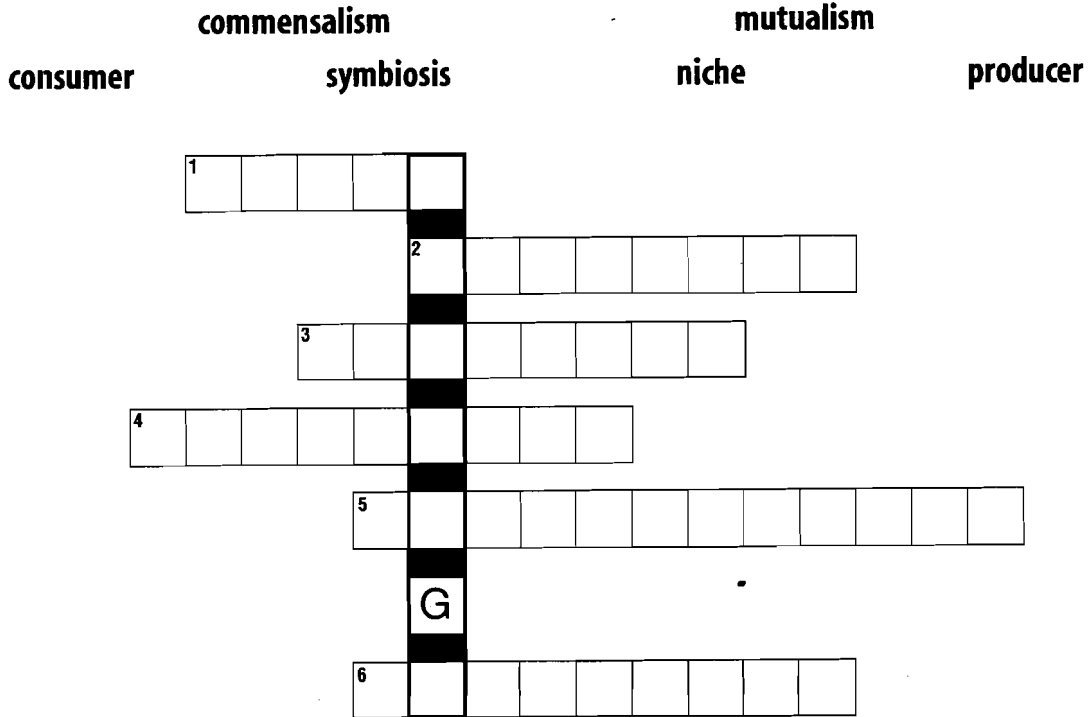
50

Directed Reading for
Content Mastery

Section 3 ■ Interactions Within
Communities

690-708

Directions: Write the word that completes each sentence in the correct space in the puzzle. The answers are listed below. The letters in the dark, vertical box spell the answer to question 7.



1. A _____ refers to how an organism survives, including its habitat, how it obtains food and shelter, and how it avoids danger.
2. A _____ is an organism that cannot make its own energy-rich molecules.
3. A _____ is an organism that uses an outside energy source to make energy-rich molecules.
4. A symbiotic relationship in which both species benefit is called _____.
5. _____ is a symbiotic relationship in which one organism benefits and the other is not affected.
6. _____ is any close relationship between species.
7. _____ is the study of interactions among organisms and their environment.

**Directed Reading for
Content Mastery**
**Key Terms
Interactions of Life**

Directions: Write the term from the following list that matches each description.

biosphere	carrying capacity	commensalism	community	consumer
ecology	ecosystem	habitat	limiting factor	niche
mutualism	parasitism	population	producer	symbiosis

- _____ 1. how an organism survives, including its habitat, how it obtains food and shelter, and how it avoids danger
- _____ 2. the place in which an organism lives
- _____ 3. all the organisms in an ecosystem that belong to the same species
- _____ 4. all the populations in an ecosystem
- _____ 5. all the organisms living in an area and the nonliving features of their environment
- _____ 6. the part of Earth that supports life, including the top portion of Earth's crust, all the waters that cover Earth's surface, and the surrounding atmosphere
- _____ 7. anything that restricts the number of individuals in a population
- _____ 8. the largest number of individuals of one species that an ecosystem can support over time
- _____ 9. the study of interactions that occur among organisms and their environment
- _____ 10. organisms that use an outside energy source, such as the Sun, to make energy-rich molecules
- _____ 11. organisms that cannot make their own energy-rich molecules
- _____ 12. any close relationship between species
- _____ 13. a symbiotic relationship in which both species benefit
- _____ 14. a symbiotic relationship in which one organism benefits and the other is not affected
- _____ 15. a symbiotic relationship in which one organism benefits but the other is harmed