

# Conceptual Biology

## Chapter 17: Communities

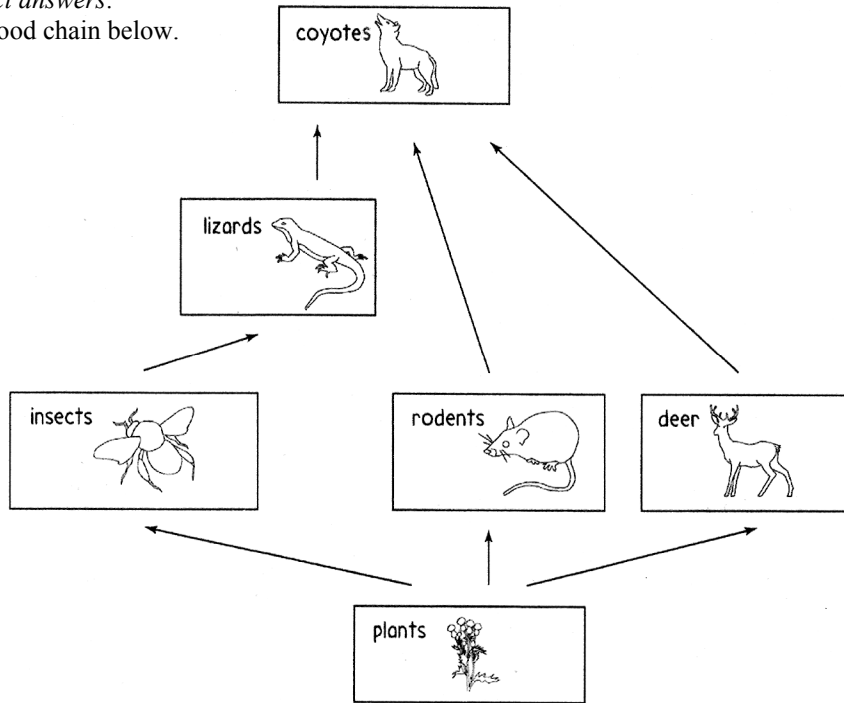
### Species Interactions

Fill in the blanks:

1. A population is \_\_\_\_\_
- A community is \_\_\_\_\_
- An ecosystem is \_\_\_\_\_

Circle the correct answers:

2. Look at the food chain below.



- a. The producers in this community are [insects] [plants] [rodents].
- b. The primary consumers in this community are  
[plants, insects, and rodents] [insects, rodents, and deers] [insects, lizards, and coyotes].
- c. The secondary consumers in this community are  
[plants, insects, and rodents] [insects, rodents, and deers] [lizards and coyotes].
- d. The tertiary consumers in this community are [deer] [coyotes] [insects].
- e. The top predators in this community are [deer] [coyotes] [insects].

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### *Species Interactions—continued*

3. Briefly describe a species' niche.

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*Fill in the blanks:*

4. In a symbiosis, individuals of two species live in close association with one another.

- a. The three types of symbiosis are \_\_\_\_\_,  
\_\_\_\_\_, and \_\_\_\_\_.

*Circle the correct answers:*

- b. [Parasitism] [Commensalism] [Mutualism] is good for one member of the interaction and bad for the other.
- c. [Parasitism] [Commensalism] [Mutualism] is good for one species in the interaction and has no effect on the other.
- d. [Parasitism] [Commensalism] [Mutualism] is a relationship that benefits both species involved.