

Chapter 19 Review

# INTRODUCTION TO ECOLOGY

**MATCHING** Write the correct letter in the blank before each numbered term.

- |                            |  |
|----------------------------|--|
| _____ 1. community         | a. where an organism lives   |
| _____ 2. generalist        | b. phenomenon that insulates Earth from the freezing temperature of space        |
| _____ 3. ecology           | c. members of a single species living in one place at one time                   |
| _____ 4. resources         | d. organisms interacting in a specific area                                      |
| _____ 5. habitat           | e. increase in average global temperature due to trapped excess greenhouse gases |
| _____ 6. population        | f. a species with a broad niche  |
| _____ 7. greenhouse effect | g. study of the interactions between organisms and their environment             |
| _____ 8. global warming    | h. energy and materials needed by a species                                      |

**TRUE-FALSE** If a statement is true, write *T* in the blank. If a statement is false, write *F* in the blank, and then in the space provided, explain why the statement is false.

- \_\_\_\_\_ 9. The world's population tripled from 2 billion to 6 billion people in just 66 years.  
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- \_\_\_\_\_ 10. The greenhouse effect is a phenomenon caused by excess fossil fuels being burned.  
\_\_\_\_\_
- \_\_\_\_\_ 11. A tolerance curve shows the range of a certain environmental factor that a species can tolerate and the optimal range for that factor.  
\_\_\_\_\_
- \_\_\_\_\_ 12. Regulators change their internal conditions as their environment changes.  
\_\_\_\_\_
- \_\_\_\_\_ 13. The realized niche of a species is the range of resources it actually uses.  
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