

Name _____ Class _____ Date: _____



Reading Study Guide 21-1 Living things and the Environment
Pages 704-709

Section 1 Living Things and the Environment (p.704)

1. What Nebraskan animal lives underground and eats seeds? _____

2.- 11. Section 1 Vocabulary Matching (pages 705-708)

Key Terms

_____ Abiotic Factor

_____ Biotic Factor

_____ Community

_____ Ecology

_____ Ecosystem

_____ Habitat

_____ Organism

_____ Photosynthesis

_____ Population

_____ Species

A. Living thing

B. an environment that provides the things an organism needs to live, grow, and reproduce

C. the living parts of an organism's habitat

D. non-living parts of an organism's habitat

E. a group of organisms that are physically similar and can mate with each other and produce offspring that can mate and reproduce

F. all the members of one species in a particular area

G. all the different populations that live together in an area

H. Plants use water, sunlight, and carbon dioxide to make food

I. community of organisms that live in a particular area, along with their non-living surroundings

J. study of how living things interact with each other and with their environment

Habitats and Biotic Factors p. 705

12. Name a source of food for the red-tailed hawk. _____

Match the organism with its forest habitat.

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|------------------------------------|---------------------|
| 13. Mushrooms grow in _____. | A. in tree trunks |
| 14. Salamanders live _____. | B. in the damp soil |
| 15. Woodpeckers build nests _____. | C. in tree trunks |

16.-31. Identify the biotic factors of the prairie dogs habitat with a  mark.

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|-------------------|----------------|----------------|---------------|
| _____ Soil | _____ Grass | _____ Hawks | _____ Air |
| _____ Seeds | _____ Worms | _____ Rocks | _____ Fungus |
| _____ Plants | _____ Water | _____ Eagles | _____ Ferrets |
| _____ Temperature | _____ Sunlight | _____ Bacteria | _____ Oxygen |

Abiotic Factors p. 706

32-36. Name the 5 Abiotic Factors

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Levels of Organization p. 707-709

37-40 Put a  mark in front of examples of populations.

- _____ All the pigeons in New York City.
- _____ 400 million prairie dogs in a Texas prairie dog town.
- _____ All the trees in a forest.
- _____ All the bees in a bee hive.

Name two animals that use prairie dog tunnels as homes.

41. _____

42. _____

43-46 List these terms in order from the smallest level to the largest.

Population Organism Ecosystem Community

Smallest _____

Largest _____

Evaluation

47-56 Look at page 709. List 6 *biotic factors* and 4 *abiotic factors*.

Biotic Factors

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Abiotic Factors

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