**Environmental Enigma**

**After you finish reading the chapter, try this puzzle! Use the clues below to figure**

**out what key terms go in each space of the puzzle on the next page.**

**1.** a symbiotic relationship in which both organisms benefit

**2.** the study of the interactions between organisms and their environment

**3.** long-term change that takes place in two species because of their close interactions with each other

**4.** a group of individuals of the same species that live together in the same area at the same time

**5.** two organisms that have close interactions that either help both, harm one, or help one at no expense to the other

**6.** a consumer that eats only animals

**7.** nonliving factors in the environment

**8.** symbiotic relationship in which one organism benefits and the other is not affected

**9.** the number of organisms an ecosystem can support

**10.** living factors in the environment

**11.** diagram that represents how energy in food flows from one organism to the next

**12.** consumer that eats both plants and animals

**13.** triangle-shaped diagram that shows the loss of energy at each level of a food chain

**14.** the part of Earth where life exists

**15.** a consumer that eats plants

**16.** several populations living in the same area

**17.** symbiotic relationship in which one organism benefits while the other is harmed

**18.** diagram that represents the many energy pathways in a real ecosystem

**19.** the organism that is hunted by a predator

**20.** an organism that eats prey

**21.** a community of organisms and their nonliving environment

