Name _____ Class_____ Date_____

Assessment

Section Quiz

Section: Ecology

MATCHING

In the space provided, write the letter of the description that best matches the term or phrase.

_____ 1. producer

_____ 2. ecosystem

_____ 3. carrying capacity

_____ 4. consumer

_____ 5. food web

_____ 6. decomposer

a. the largest population that an environment can support at any given time
b. a community of organisms and their abiotic environment
c. an organism that gets its energy by eating other organisms
d. a diagram that shows the feeding relationships among organisms in an ecosystem
e. an organism that gets energy by breaking down dead organisms
f. an organism that makes its own food

MULTIPLE CHOICE

In the space provided, write the letter of the answer choice that best completes each statement or best answers each question.

_____ 7. Plants capture and transfer solar energy in a process called
a. oikos.
b. ecology.
c.transpiration.
d. photosynthesis.

_____ 8. Changes in ecosystems can affect the ability of an area to
a. transfer energy.
b. sustain a human population.
c. transfer matter.
d. sustain gravity.

_____ 9. The largest ecosystem on Earth is the
a. continents.
b. atmosphere.
c. oceans.
d. biosphere.

_____ 10. In general, how do ecosystems react to change?
a. They restore balance.
b. They become disrupted.
c. They collapse.
d. They become smaller.

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