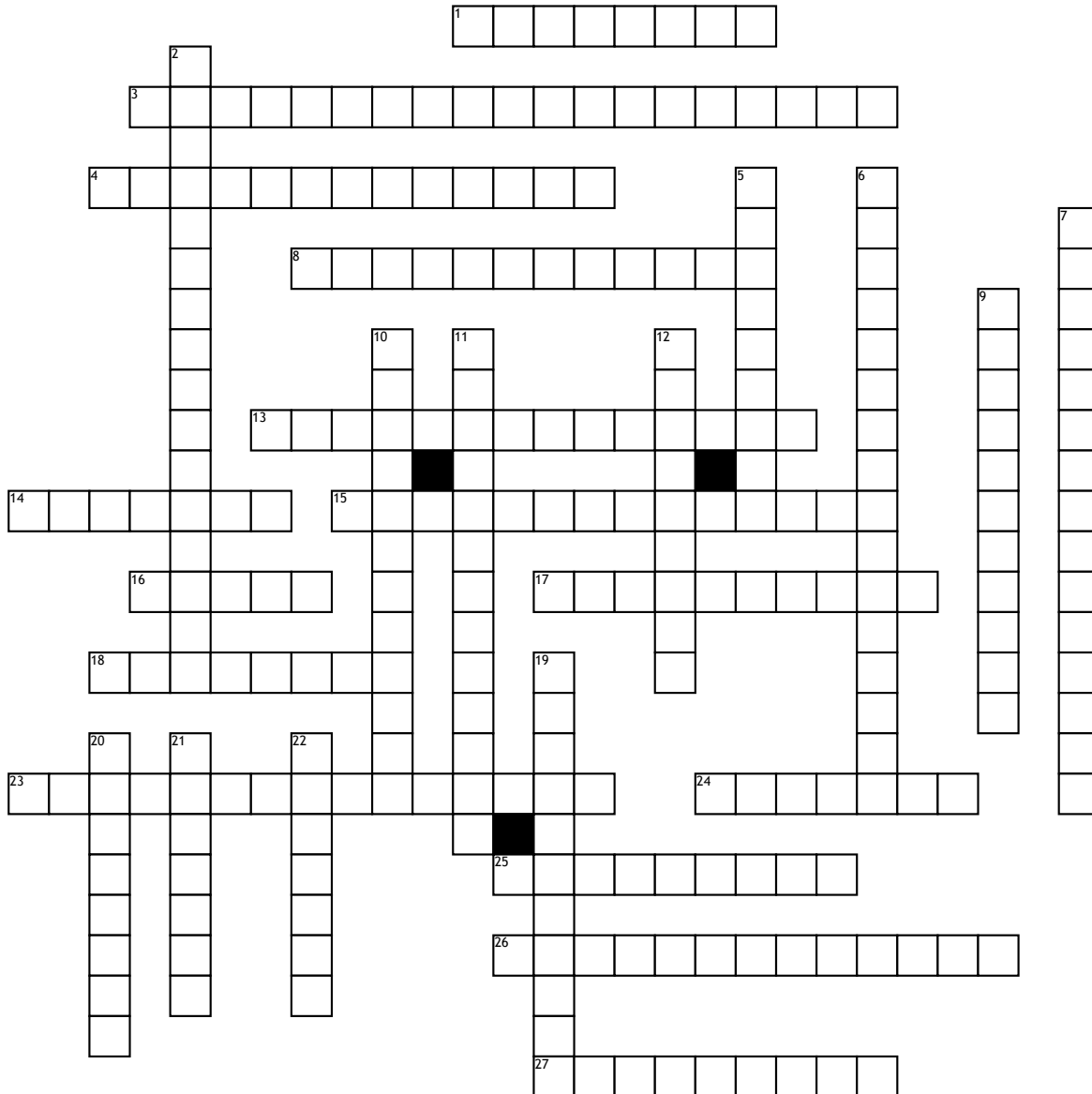


Name: _____

Date: _____

Biology-Ecology



Across

1. An autotrophic organism that serves as a source of food for other organisms in a food chain.
3. the flow of chemical elements between living organisms and the environment
4. biological oxidation or ammonium to nitrite followed by the oxidation of the nitrite to nitrate
8. Any living component that affects another organism
13. the process of ammoniating; decomposition with production of ammonia
14. The total mass of living matter within a given unit of environmental area.
15. process by which plants use sunlight to synthesize foods from carbon dioxide and water
16. The function or position of a species within an ecological community
17. break down dead or decaying organisms

18. An animal that eats both plants and animals.

23. Drawing from natural ecosystems which are defined as the network of interactions among organisms and between organisms and their environment

24. The place or type of place where a plant or animal naturally or normally lives or grows

25. series of organisms each dependent on the next as a source of food

26. when a plant absorbs water in its roots

27. An animal that feeds on plants.

Down

2. the chemical processes by which atmospheric nitrogen is assimilated into organic compounds

5. An animal that feeds on flesh.

6. the trapping of the sun's warmth in a plant's lower atmosphere

7. the loss or removal of nitrogen or nitrogen compounds

9. an animal that feeds on dead organic material

10. the position an organism occupies in a food chain

11. Non-living chemical and physical parts of the environment that affect living organisms and the functioning of ecosystems

12. an organism that is able to form organic substances from simple inorganic substances

19. an organism deriving its nutritional requirements from complex organic substances

20. A heterotrophic organism that feeds on other organisms in a food chain.

21. a system of interlocking and interdependent food chains

22. A science that deals with the relationships between groups of living things and their environments