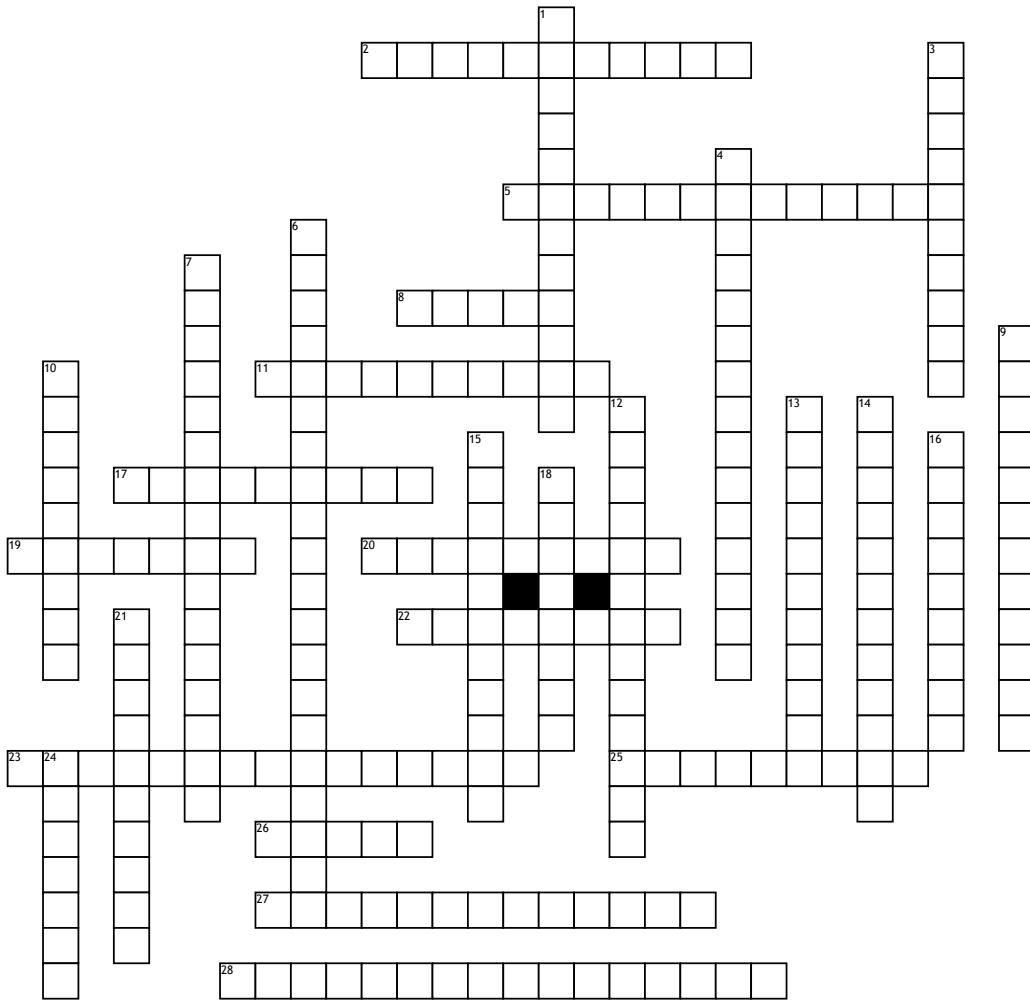


ecology vocab

**Across**

2. biochemical process in which the cells of an organism obtain energy by combining oxygen and glucose
 5. refers to the cycle of nitrogen atoms through the living and non-living systems of Earth.
 8. the role and position a species has in its environment
 11. are organisms that break down dead or decaying organisms
 17. the preying of one animal on others.
 19. the weather conditions prevailing in an area in general or over a long period.
 20. interaction between two different organisms living in close physical association, typically to the advantage of both.
 22. An organism that generally obtains food by feeding on other organisms
 23. the process by which phosphorus moves through the lithosphere, hydrosphere, and biosphere.
 25. a group of people living in the same place or having a particular characteristic in common.
 26. a large naturally occurring community of flora and fauna occupying a major habitat, e.g. forest or tundra.

27. a graphical model of energy flow in a community.

28. the number of people, other living organisms, or crops that a region can support without environmental degradation

Down

1. position in a food chain or ecological pyramid
 3. a number of people or things sharing a specified characteristic and following one after the other.
 4. a species on which other species in an ecosystem largely depend, such that if it were removed the ecosystem would change drastically.
 6. two species that compete for the exact same resources cannot stably coexist.
 7. includes more than what an organism eats or where it lives.
 9. an association between two organisms in which one benefits and the other derives neither benefit nor harm.
 10. symbiosis that is beneficial to both organisms involved.
 12. a phrase relating to ecology defining the actual space that an organism inhabits
 13. when two or more species reciprocally affect each other's evolution

14. the variety of life in the world or in a particular habitat or ecosystem.
 15. the process in which carbon travels from the atmosphere into organisms and the Earth and then back into the atmosphere.
 16. a biological community of interacting organisms and their physical environment.
 18. An autotrophic organism capable of producing complex organic compounds from simple inorganic molecules through the process of photosynthesis
 21. is a relationship between two things in which one of them (the parasite) benefits from or lives off of the other, like fleas on your dog.
 24. the natural home or environment of an animal, plant, or other organism.

Word Bank

Symbiosis
 Succession
 Niche
 consumer
 Parasitism
 Respiration

Competitive exclusion
 Commensalism
 Biome
 Energy pyramid
 producer
 decomposer

Predation
 Keystone species
 biodiversity
 Phosphorus cycle
 Realized niche
 Coevolution

Fundamental niche
 Carbon cycle
 Nitrogen cycle
 Climate
 Trophic level

Mutualism
 ecosystem
 habitat
 community
 Carrying capacity