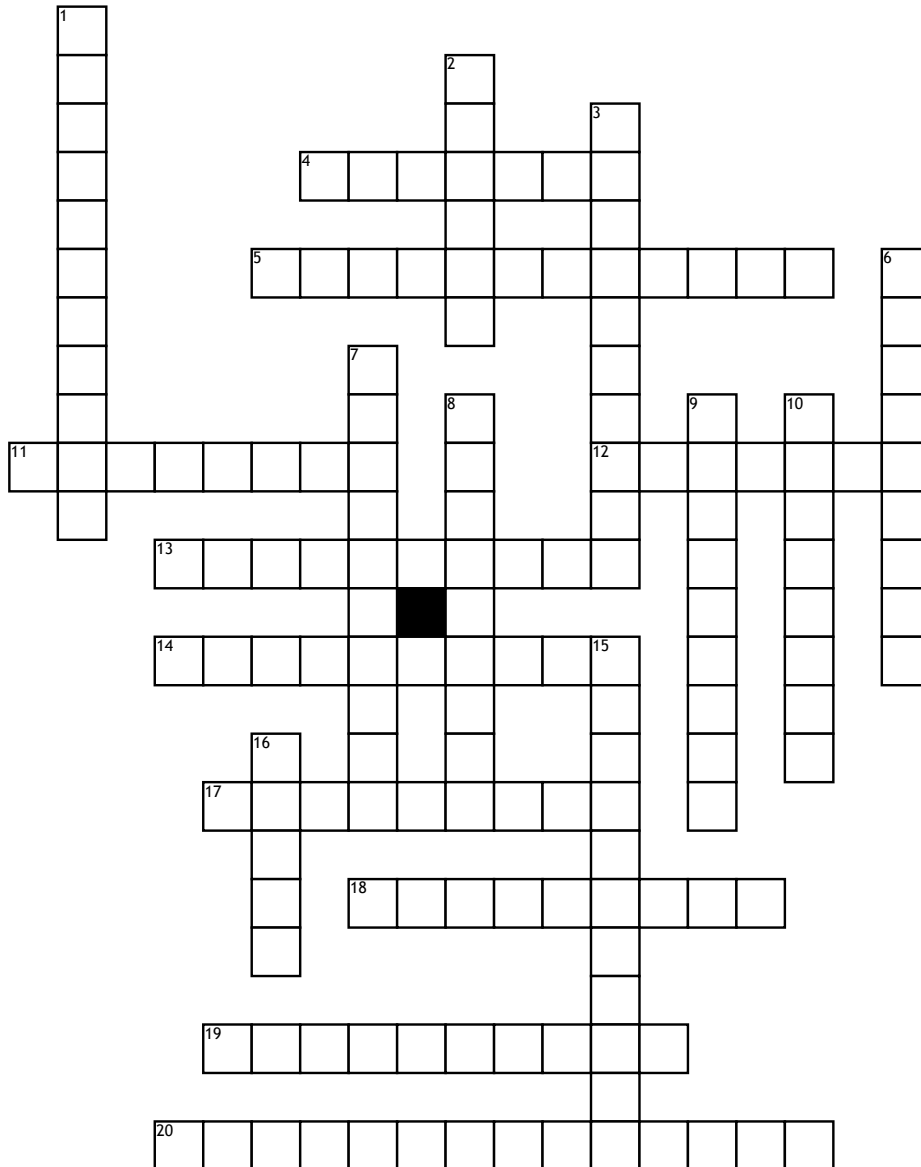


Biology



Across

4. Physical, or nonliving, factor that shapes an ecosystem
 5. Detritus particles, often chewing or grinding on smaller pieces into smaller pieces
 11. Primary producers are the first producers of energy-rich compounds that are later used by other organisms
 12. Scientific study of interactions among organisms and between organisms and their environment
 13. Kill and eat other animals
 14. Process in which chemical energy is used to produce carbohydrates
 17. Part of earth in which life exists including land, water and air atmosphere

18. Are animals whose diets naturally include a variety of different foods that usually include a variety of different foods that usually include other plants and animals
 19. Group of individuals of the same species that live in the same area
 20. Process used plants and other autotrophs to capture light energy and use it to power chemical reactions that convert carbon dioxide and water into oxygen and energy-rich carbohydrates such as sugars and starches

Down

1. "Feed" by chemically breaking down organic matter
 2. Any living part of the environment with which an organism might interact

3. Are animals that consume the carcasses of the other animals that have been killed by predators or have died of other causes
 6. All the organisms that live in a place, together with their nonliving environment
 7. Obtain energy and nutrients by eating plant leaves, roots, seeds, or fruits.
 8. Organisms that is able to capture the energy from sunlight or chemicals and use it to produce its own food inorganic compounds; also called a producer
 9. Assemblage of different populations that live together in a defined area
 10. Organisms that rely on other organisms for energy and nutrients
 15. Must acquire energy from other organisms
 16. A group of ecosystem that share similar climates and typical organisms