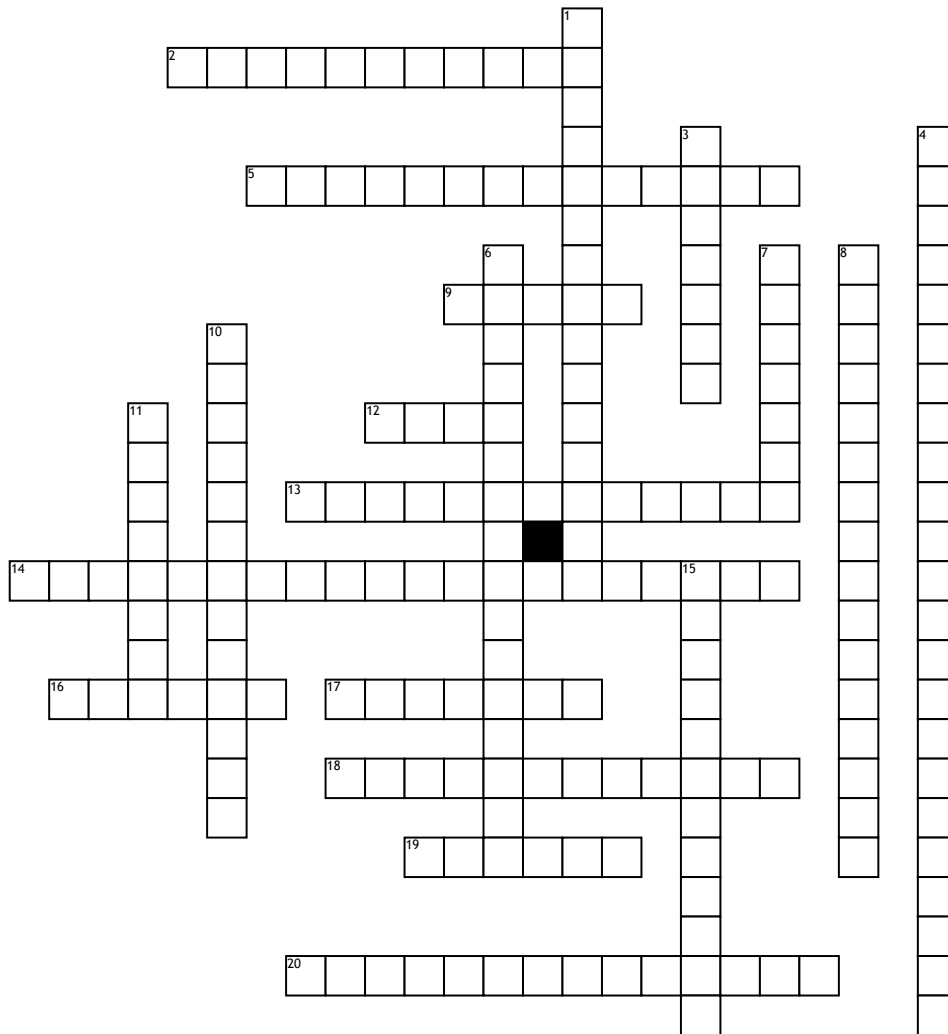


Name: _____

Ecology Crossword Puzzle



Across

- 2. the activity or condition of competing.
- 5. main type of sugar in the blood and is the major source of energy for the body's cells.
- 9. a colorless, transparent, odorless liquid that forms the seas, lakes, rivers, and rain
- 12. an animal that is hunted and killed by another for food.
- 13. a colorless, odorless gas produced by burning carbon and organic compounds and by respiration (CO₂)
- 14. the equilibrium between living organisms such as human being, plants, and animals as well as their environment.
- 16. the chemical element of atomic number 6, a nonmetal which has two main forms

- 17. the total mass of organisms in a given area or volume.
- 18. the variety of life in the world or in a particular habitat or ecosystem.
- 19. a colorless, odorless reactive gas, the chemical element of atomic number 8 and the life-supporting component of the air.
- 20. the process by which green plants and some other organisms use sunlight to synthesize foods from carbon dioxide and water

Down

- 1. species that is not native to a specific location, and that has a tendency to spread
- 3. the natural home or environment of an animal, plant, or other organism

- 4. non-living chemical and physical parts of the environment that affect living organisms and the functioning of ecosystems
- 6. the number of people, other living organisms, or crops that a region can support without environmental degradation.
- 7. when energy is passed in an ecosystem from one trophic level to the next, only ten percent of the energy will be passed on
- 8. the total number of genetic characteristics in the genetic makeup of a species.
- 10. the part of a system in which some portion (or all) of the system's output is used as input for future operations.
- 11. an animal that naturally preys on others
- 15. each of several hierarchical levels in an ecosystem

Word Bank

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|----------------|----------------------------|-----------------|-------------------|
| Carbon Dioxide | Carrying Capacity | Photosynthesis | 10% Rule |
| Oxygen | Abiotic and Biotic factors | Carbon | Feedback Loops |
| Prey | Predator | Glucose (Sugar) | Competition |
| Water | Balance in an Ecosystem | Habitat | Genetic Diversity |
| Trophic Level | Invasive species | Biomass | Biodiversity |