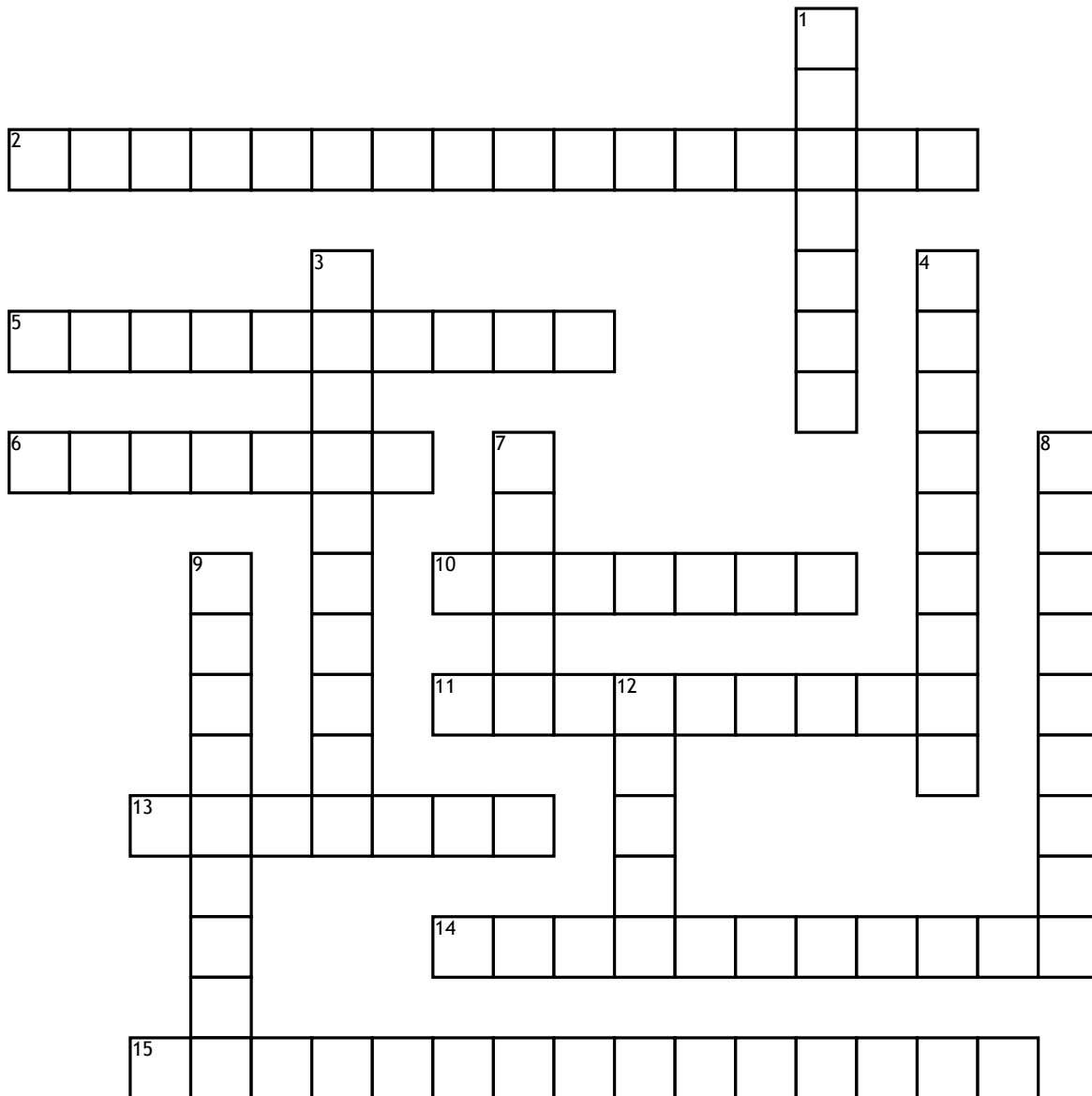


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Principles of Ecology Crossword Puzzle



## Across

2. process in which nitrogen gas is captured and converted into a form plants can use

5. group of organisms of the same species that occupy the same geographic place at the same time

6. physical area in which an organism lives

10. scientific study of all the interrelationships between organisms and their environment

11. heterotroph that eats only plants

13. total mass of living matter at each trophic level

14. organism that cannot make its own food and gets its nutrients and energy requirements by feeding on other organisms

15. process in which fixed nitrogen compounds are converted back into nitrogen gas and returned to the atmosphere

## Down

1. any nonliving factor in an organism's environment, such as soil, water temperature, and light availability

3. symbiotic relationship in which one organism benefits at the expense of another organism

4. biological community and all the nonliving factors that affect it

7. role, or position, of an organism in its environment

8. organism that captures energy from sunlight or inorganic substances to produce its own food

9. heterotroph that preys on other heterotrophs

12. large group of ecosystems that share the same climate and have similar types of communities