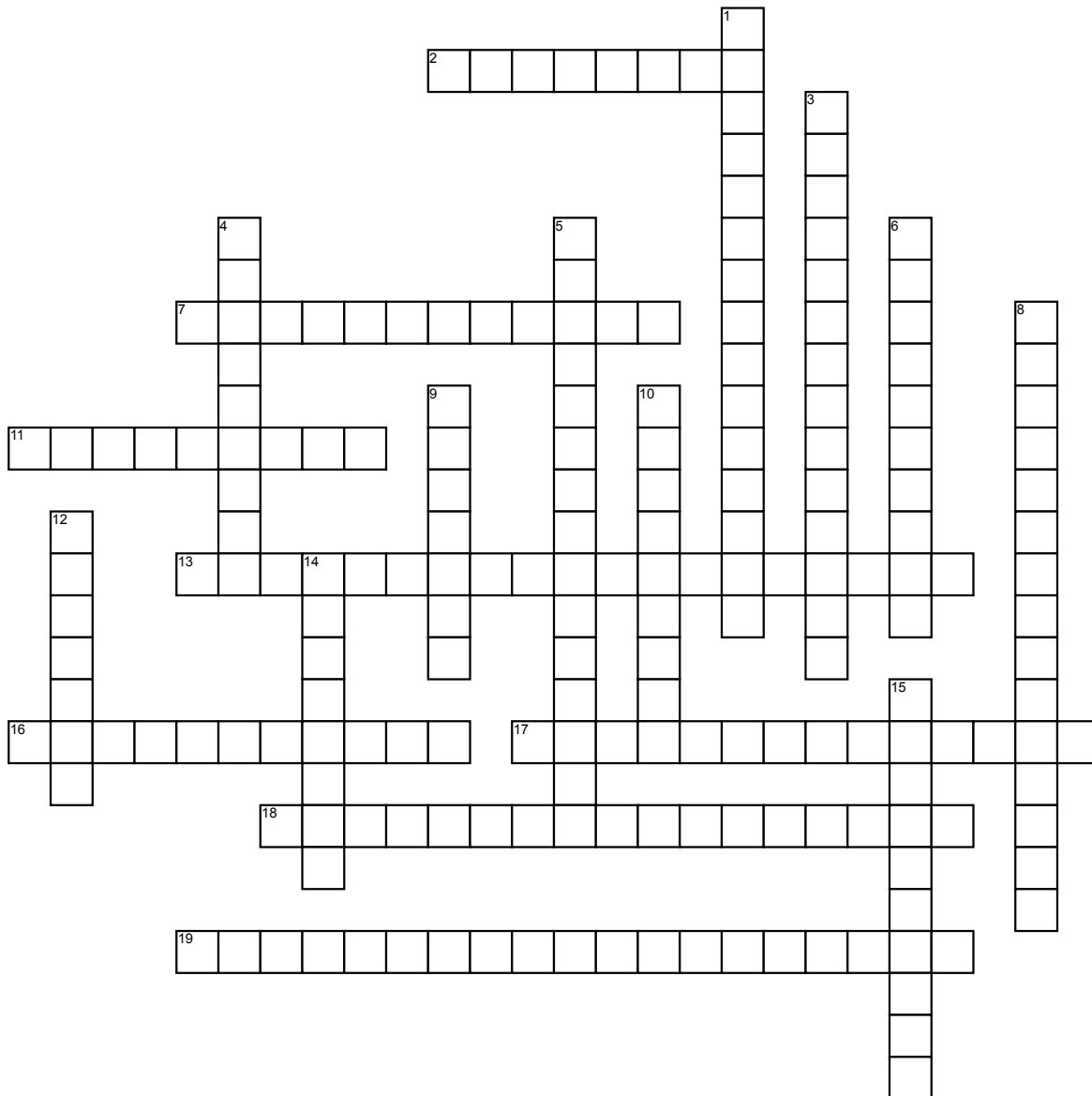


# chapter 5 lesson 3 & 4



## **Across**

2. and organism that eats other organisms
7. each step in a food chain
11. consumer that only eats plants
13. succession following a disturbance that destroys a community without restoring the soil
16. organisms that eat dead organic matter
17. first species to populate an area during primary succession
18. succession that begins to occur on services where on soil exist
19. the process by which cells use oxygen to produce energy from food

## **Down**

1. autotroph; at the beginning of a food chain
3. process by which organisms use chemical energy to produce carbohydrates
4. a consumer that eats only animals
5. species that enter new ecosystems and multiply, usually harming native species and their habitats
6. (ecology) the gradual and orderly process of change in an ecosystem brought about by the progressive replacement of one community by another until a stable climax is established

8. a species that influences the survival of many other species in an ecosystem
9. a measure of the total dry mass of organisms within a particular region
10. a series of steps in which organisms transfer energy by eating and being eating
12. a community of organisms where there are several interrelated food chains
14. a consumer that eats both plants and animals
15. an organism (bacteria and fungus) that breaks down waste and dead organisms