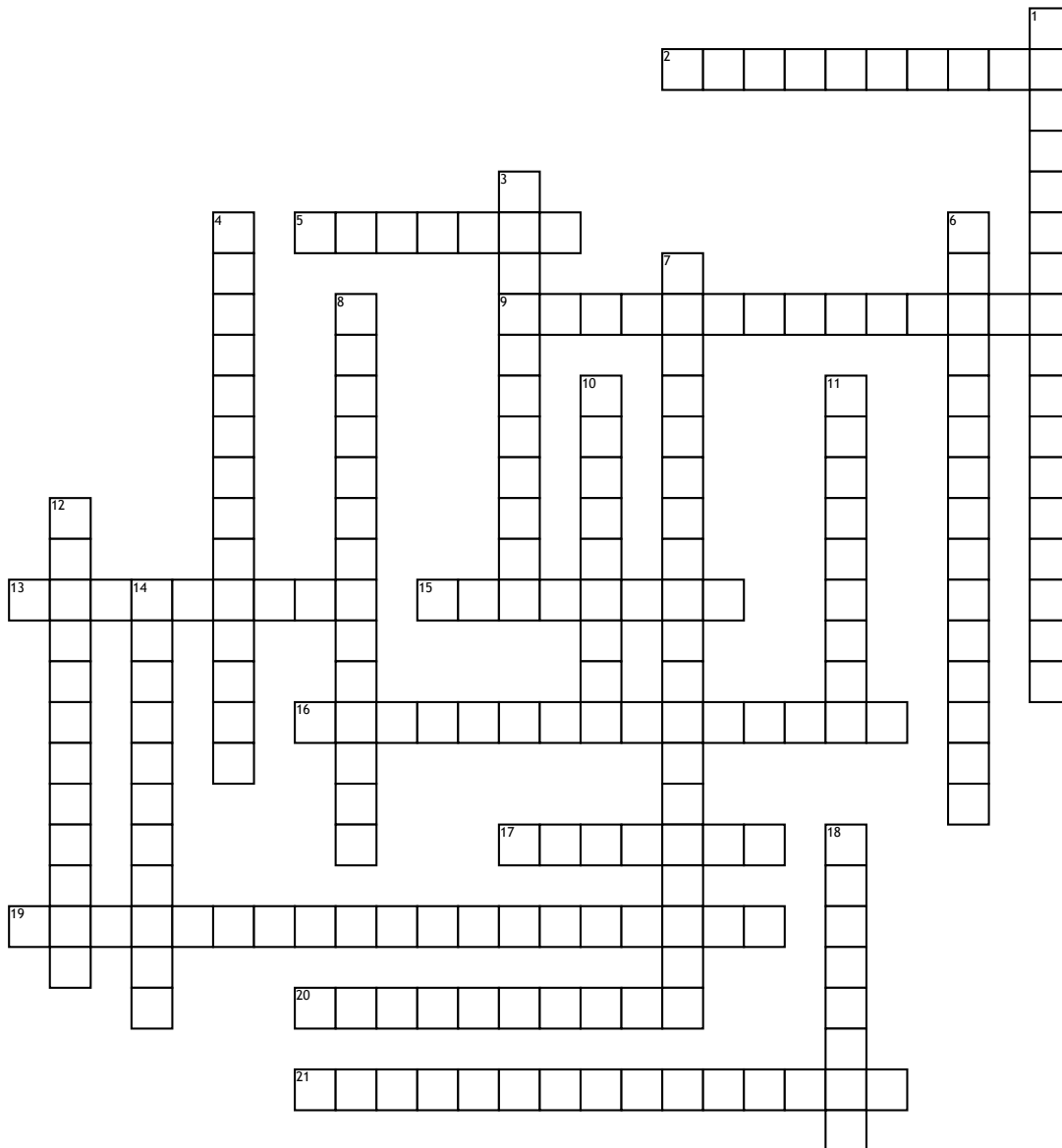


Chapter 5 Vocab



Across

2. An organism (bacteria, fungus) that breaks down wastes and dead organisms
5. A community of organisms where there are several interrelated food chains
9. First species to populate an area during primary succession
13. A series of steps in which organisms transfer energy by eating and being eaten
15. A consumer that eats both plants and animals
16. A species that influences the survival of many other species in an ecosystem
17. A measure of the total dry mass of organisms within a particular region

19. Succession following a disturbance that destroys a community without destroying the soil
20. (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

21. species that enter new ecosystems and multiply, usually harming native species and their habitats

Down

1. Succession that begins to occur on surfaces where no soil exists.
3. produce energy from food
4. Process by which some organisms, such as certain bacteria, use chemical energy to produce carbohydrates

6. autotroph; at beginning of food chain; able to use light (photosynthesis) or chemicals energy (chemosynthesis) to make food
7. The process by which cells use oxygen to produce energy from food
8. Conversion of light energy from the sun into chemical energy. $6\text{CO}_2 + 6\text{H}_2\text{O} + \text{light} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$
10. A consumer that eats only animals.
11. A consumer that eats only plants.
12. Each step in a food chain
14. organism that eats dead organic matter
18. An organism that eats other organisms