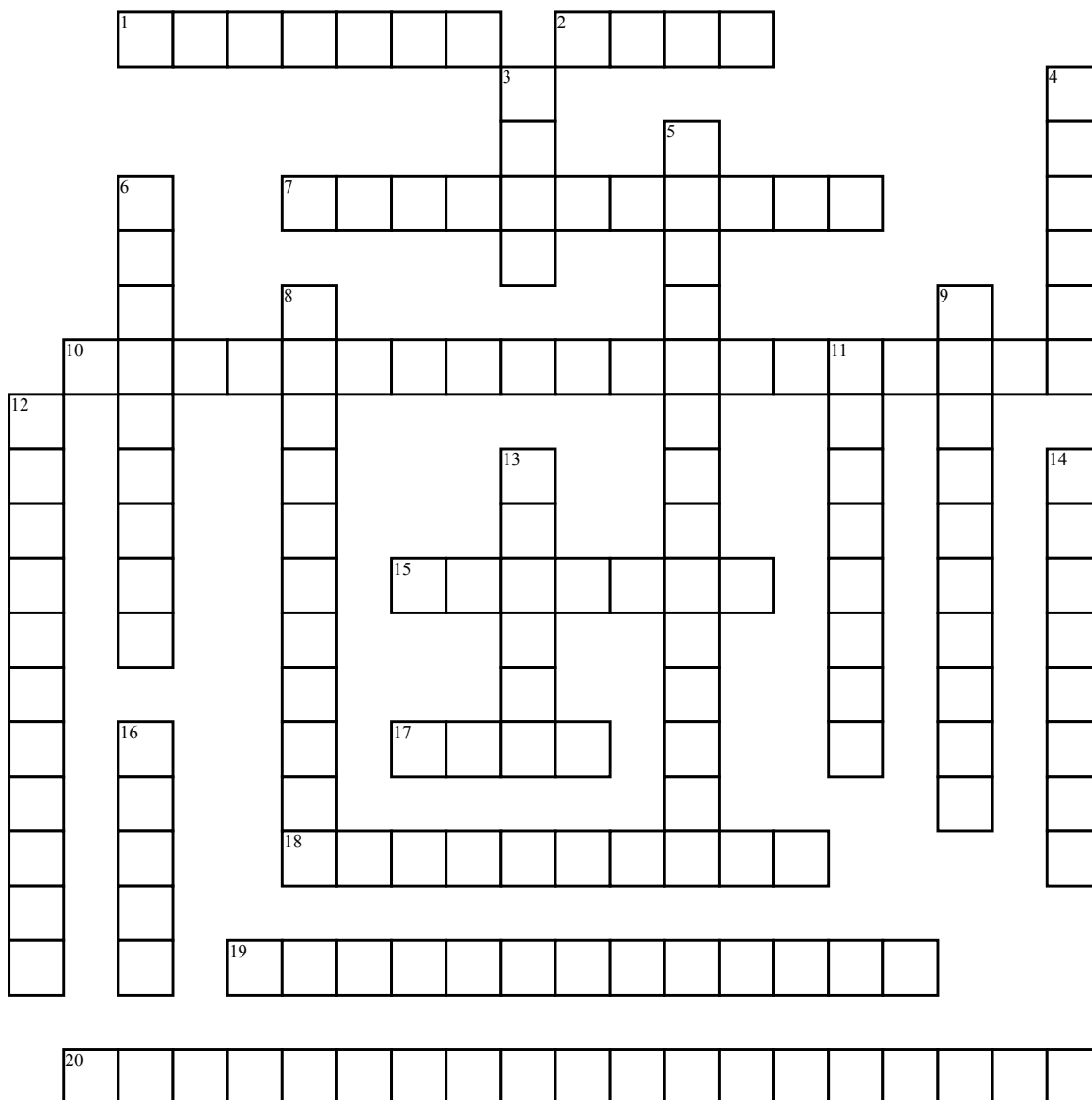


Seedless Plants



Across

1. a tree that bears cones and needle-like or scale-like leaves that are typically evergreen
2. main organ of photosynthesis in a plant
7. green pigment found in certain plant cells that traps the sun's energy during the process of photosynthesis
10. This method of reproduction occurs when a part of the plant falls off on the ground and grows into a new plant on its own.
15. microscopic holes through which plants "breathe" or exchange gasses - mostly located on the underside of the leaf
17. a small flowerless green plant which lacks true roots, growing in low carpets or rounded cushions in damp habitats and reproducing by means of spores released from stalked capsules

18. Often called creeping cedar or ground pine, are small creeping plants that are found in the tropical mountain areas.
19. what is a plant that grows without a seed
20. refers to the biochemical pathway by which cells release energy from the chemical bonds of food molecules and provide that energy for the essential processes of life.

Down

3. Often found growing on the shady forest floor, especially along small watercourses.
4. by product of photosynthesis
5. the process of changing light energy to chemical energy
6. Also called Equisetum, are short, narrow plants that somewhat resemble asparagus.

8. plants that make their own food
9. The worts are considered to be the simplest of all plants and believed to be one of the first plants to have colonized the Earth.
11. organism that has to "consume" or eat other organisms for energy
12. organism that has to "consume" or eat other organisms for energy
13. usually unicellular or single-celled structures, having only one set of chromosomes.
14. Also known as the whisk fern. These plants lack leaves and roots, which make them the simplest of vascular plants.
16. the organ of a plant that typically lies below the surface of the soil.