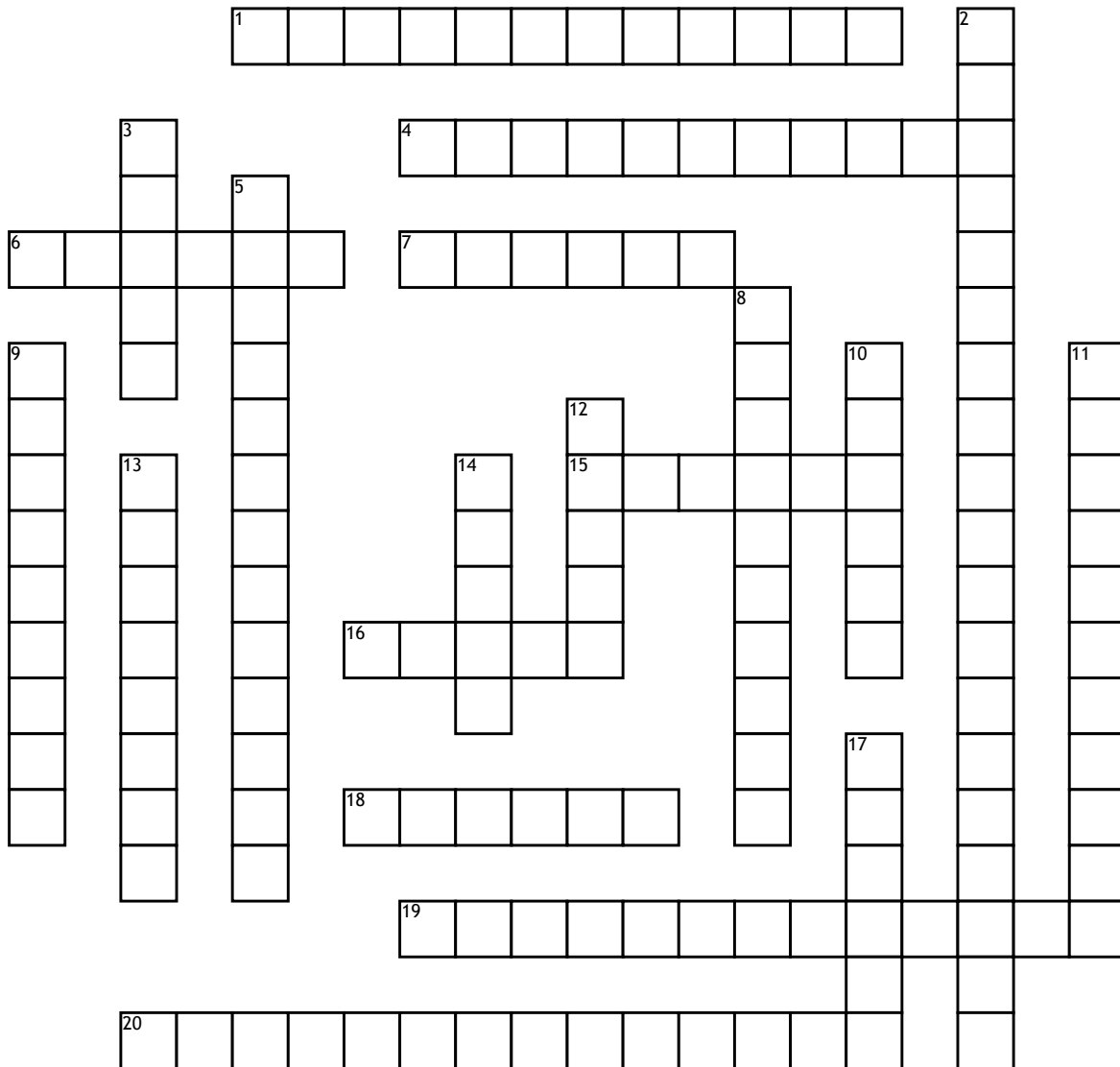


# Diversity of Life



**Across**

- 1. the process by which organisms create new individuals of their own kind
- 4. allows plant to capture and convey light energy
- 6. orange or yellow part of the filament
- 7. flattened tip of the pistil
- 15. female flower part
- 16. straw like structure inside the stem
- 18. becomes the root of the seed

19. water is carried through plants from the roots, leafs, and out the stomata.

20. the process in which plants make their own food

**Down**

- 2. when animals turn unusable energy into usable energy
- 3. the most visible and showy part of the plant
- 5. movement of seeds away from parent plant
- 8. the combination of two cells

9. energy source for the seed

10. takes sugars from the leafs downward

11. when two cells meet and unite

12. male sex cell

13. long and thin part of the stamen

14. building blocks of life

17. Green leaf like structures around the base of the petals