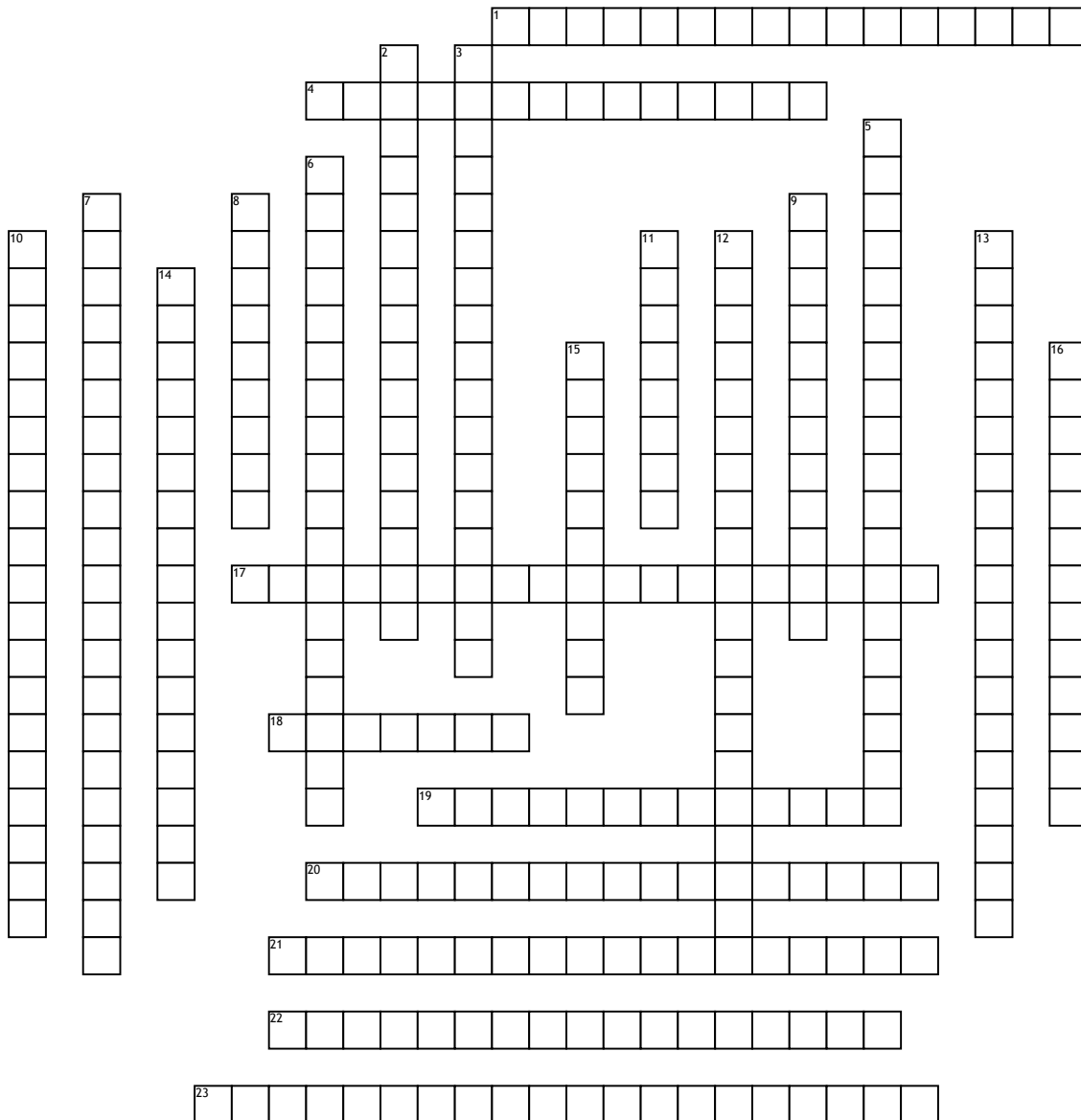


Evolution



Across

1. The hypothesis that the continents slowly move across Earth's surface.
 4. The theory that pieces of Earth's lithosphere are in constant motion, driven by convection currents in the mantle.
 17. How Earth's surface has changed over time, ex: continental drift
 18. The name of the single landmass (supercontinent) that broke apart 200 million years ago and gave rise to today's continents
 19. English natural scientist who formulated a theory of evolution by natural selection (1809-1882)
 20. A measure of the ability to survive and reproduce relative to other members of the population.
 21. The comparison of body structures and how they vary among species
 22. A plate boundary where two plates move away from each other.

23. Structures in different species that are similar because of common ancestry.

Down

2. A process in which individuals that have certain inherited traits tend to survive and reproduce at higher rates than other individuals because of those traits.
 3. The process that creates new sea floor as plates move away from each other at the mid-ocean ridges
 5. The process whereby earth's life changes over time through changes in the genes of populations
 6. A plate boundary where two plates move toward each other.
 7. The physical features of an organism that help it survive, like the bill on a bird or the fur on a bear.
 8. Proposed the theory of sea-floor spreading

9. The variety of life in the world or in a particular habitat or ecosystem.

10. Remnant of a structure that may have had an important function in a species' ancestors, but has no clear function in the modern species.
 11. The scientific study of how living things are classified
 12. An inherited behavior that helps an organism survive.
 13. Similar function but different structure - does not show common ancestry - Ex: butterfly wing and bat wing)
 14. A plate boundary where two plates move past each other in opposite directions
 15. The branch of biology and medicine concerned with the study of embryos and their development.
 16. German scientist who proposed the theory of continental drift in the 1900's