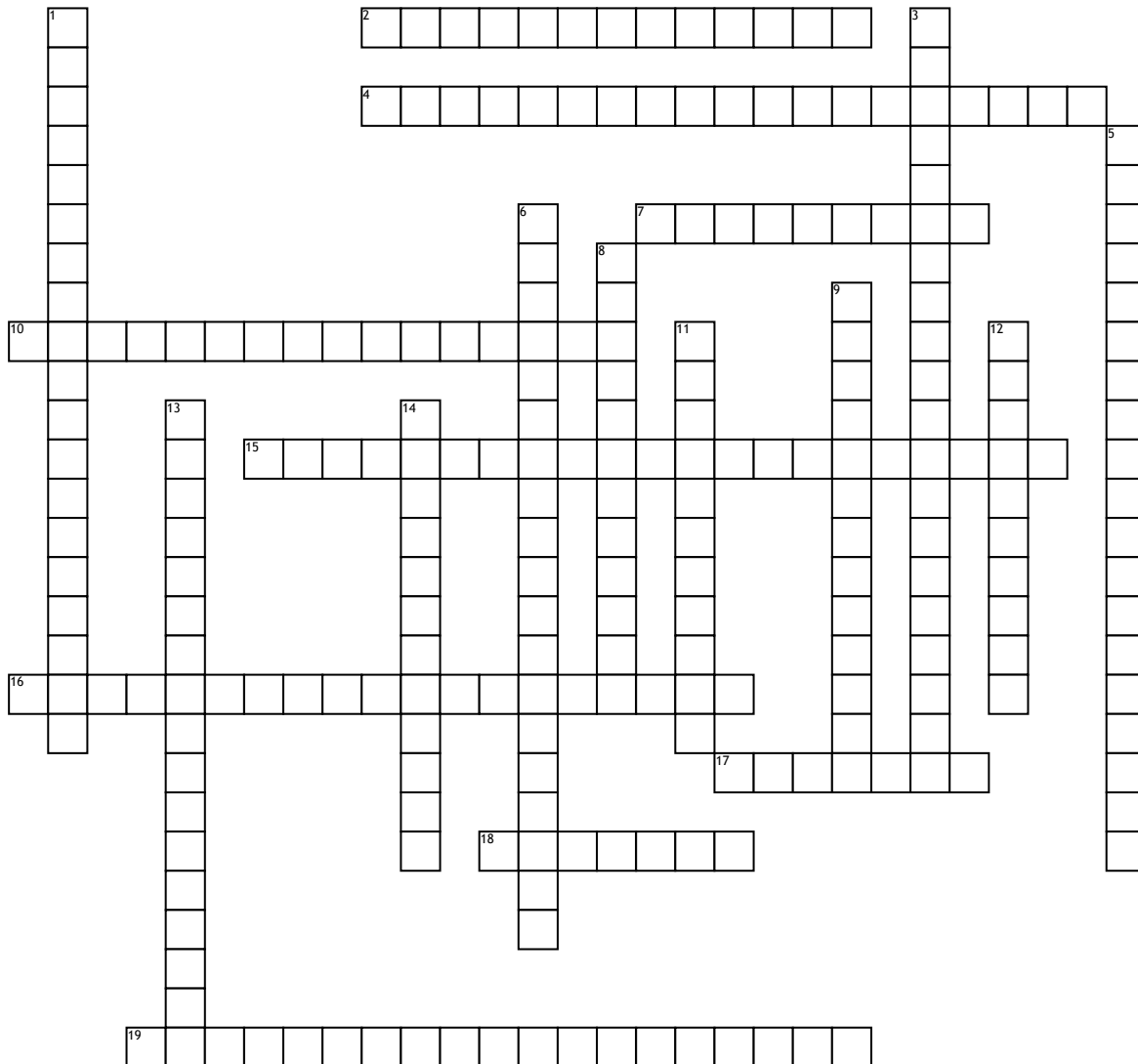


EVOLUTION



Across

2. the first economist to propose a systematic theory of population.

4. French naturalist and evolutionary theorist. First scientist to claim that humans evolved from apes

7. the process by which different kinds of living organisms are thought to have developed and diversified from earlier forms during the history of the earth.

10. is the differential survival and reproduction of individuals due to differences in phenotype.

15. a collection of evolutionary mechanisms, behaviors and physiological processes critical for speciation.

16. is the process whereby organisms not closely related, independently evolve similar traits as a result of having to adapt to similar environments or ecological niches.

17. is the quantitative representation of natural and sexual selection within evolutionary biology.

18. is a similarity of one organism, usually an animal, to another that has evolved

19. various structures in different species having the same function but have evolved separately

Down

1. is a term that refers to a population of animals, plants, or other organisms that are separated from exchanging genetic material with other organisms of the same species.

3. an example of an organ or bone that appears in different animals

5. have no apparent function and appear to be residual parts from a past ancestor

6. is the intentional reproduction of individuals in a population that have desirable traits.

8. variation in the relative frequency of different genotypes in a small population, owing to the chance disappearance of particular genes as individuals die or do not reproduce.

9. English naturalist, geologist and biologist, best known for his contributions to the science of evolution.

11. not directly involved with evolutionary theory.

12. an adaptation that allows animals to blend in with certain aspects of their environment.

13. the diversification of a group of organisms into forms filling different ecological niches.

14. A term used by paleontologists to refer to the total number of fossils that have been discovered