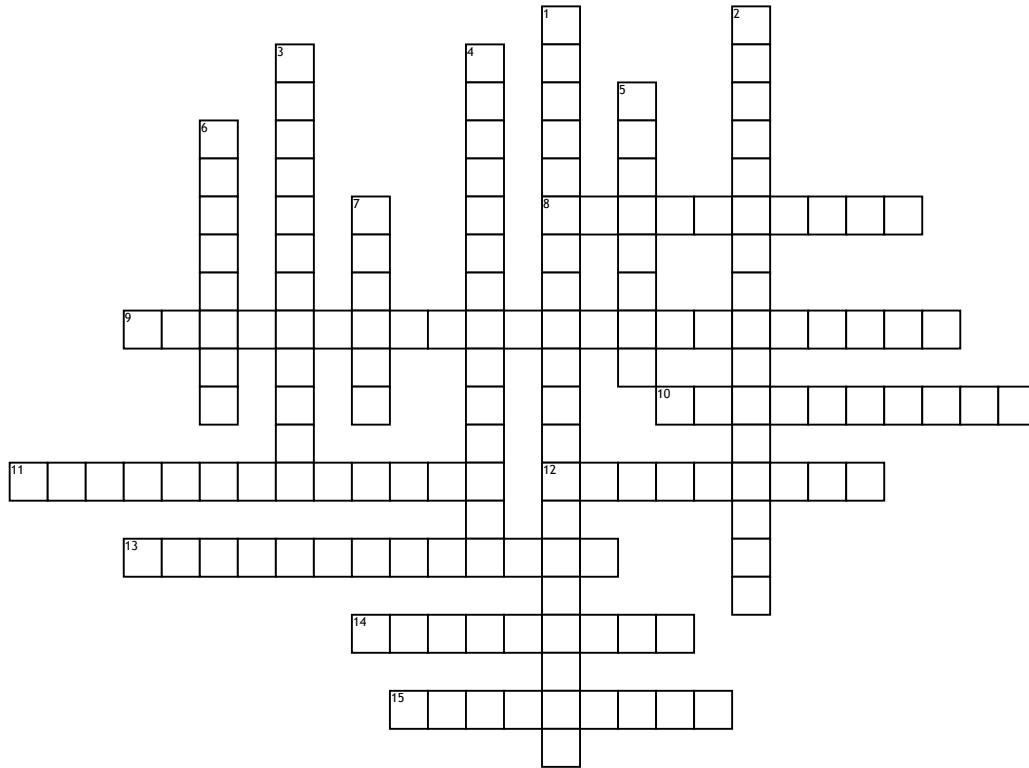


evolution vocabulary review



Across

8. the action of adapting or being adapted
 9. the quantitative representation of natural and sexual selection. It can be defined either with respect to a genotype or to a phenotype in a given environment
 10. the formation of a new and distinct species in the course of evolution
 11. a characteristic or trait that produces a phenotype that is a result of environmental influence
 12. change overtime

13. an English naturalist, geologist and biologist, [6] best known for his contributions to the science of evolution. [1] His proposition that all species of life have descended over time from common ancestors is now widely accepted, and considered a foundational concept in science

14. a change or difference in condition, amount, or level, typically with certain limits
 15. a branching diagram showing the cladistic relationship between a number of species

Down

1. a mode of speciation that occurs when biological populations of the same species become isolated from each other to an extent that prevents or interferes with gene flow

2. the process whereby organisms better adapted to their environment tend to survive and produce more offspring

3. a group of fossils which has been analyzed and arranged chronologically and in taxonomic order

4. an ancestor that two or more descendants have in common

5. the change of the structure of a gene, resulting in a variant form that may be transmitted to the following generations

6. a person, typically one more remote than a grandparent, from whom one is descended

7. the remains or impressions of a prehistoric organism preserved in petrified form or as a mold or cast in rock

Word Bank

speciation
 adaptation
 cladogram
 charles darwin

geographic speciation
 fossil record
 fossil
 common ancestor

ancestor
 fitness (environmental)
 evolution
 acquired trait

natural selection
 variation
 mutation