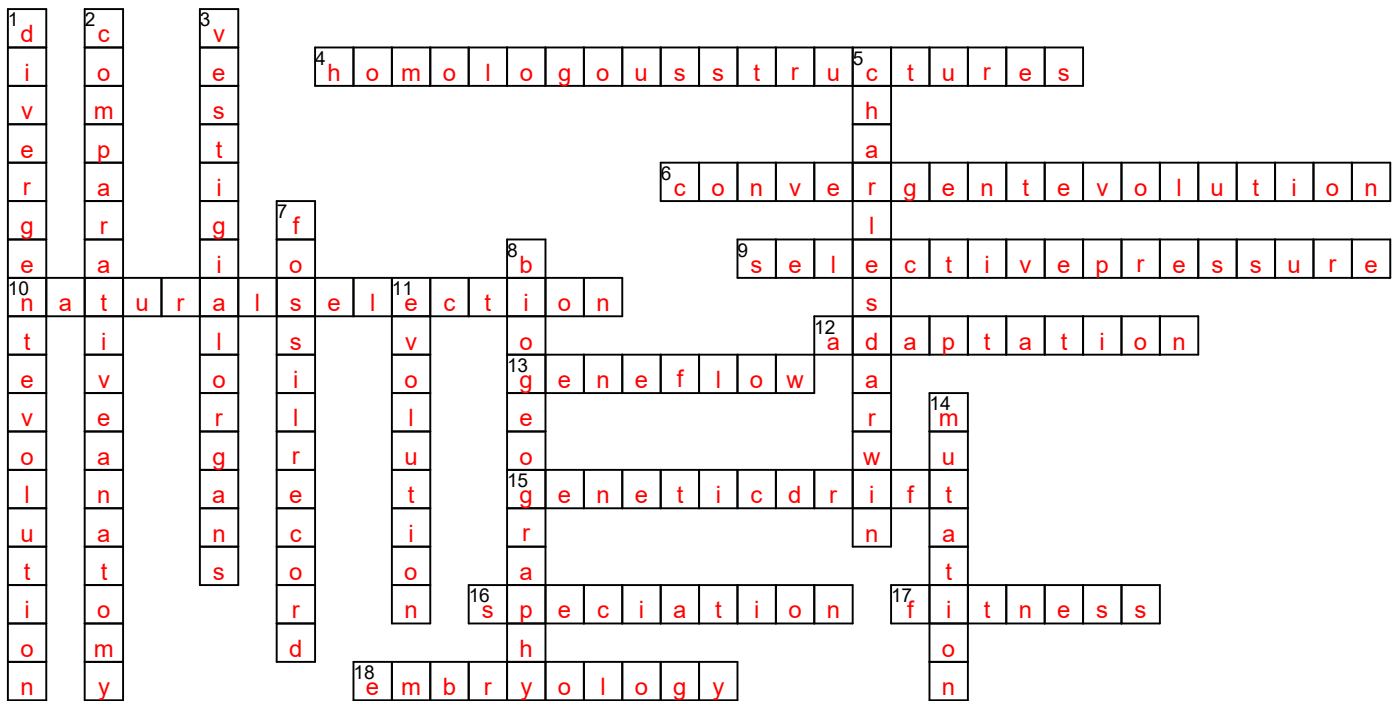


Evolution Crossword Puzzle

1. Using the Across and Down clues, write the correct answer in the numbered grid below.



ACROSS

4. Similar structures in different species inherited from a common ancestor, indicating evolutionary relationships.
6. Evolutionary process where unrelated species develop similar traits due to similar environmental pressures.
9. Environmental factors influencing the survival and reproduction of organisms, driving natural selection.
10. Mechanism of evolution where organisms with advantageous traits survive and reproduce.
12. Trait that increases an organism's fitness for its environment, developed through natural selection.
13. Movement of genes between populations, influencing genetic variation and evolution.
15. Random changes in gene frequencies within a population, impacting evolution.
16. Formation of new species through reproductive isolation and genetic divergence.

DOWN

1. Evolutionary process where a common ancestor gives rise to diverse species adapted to different environments.
2. Comparison of anatomical structures across different species to study evolutionary relationships.
3. Structures in organisms with reduced or no function, suggesting evolutionary remnants.
5. English naturalist who proposed the theory of evolution by natural selection.
7. Collection of preserved remains and traces of past life used to study evolution.
8. Study of the distribution of species and ecosystems, influenced by historical and evolutionary factors.
11. Process by which species change over time, driven by natural selection and other mechanisms.
14. Source of genetic variation resulting from changes in DNA sequences.

convergent evolution
biogeography
embryology
evolution
genetic drift
Charles Darwin

fossil record
gene flow
fitness
mutation
comparative anatomy
divergent evolution

natural selection
homologous structures
speciation
adaptation
selective pressure
vestigial organs