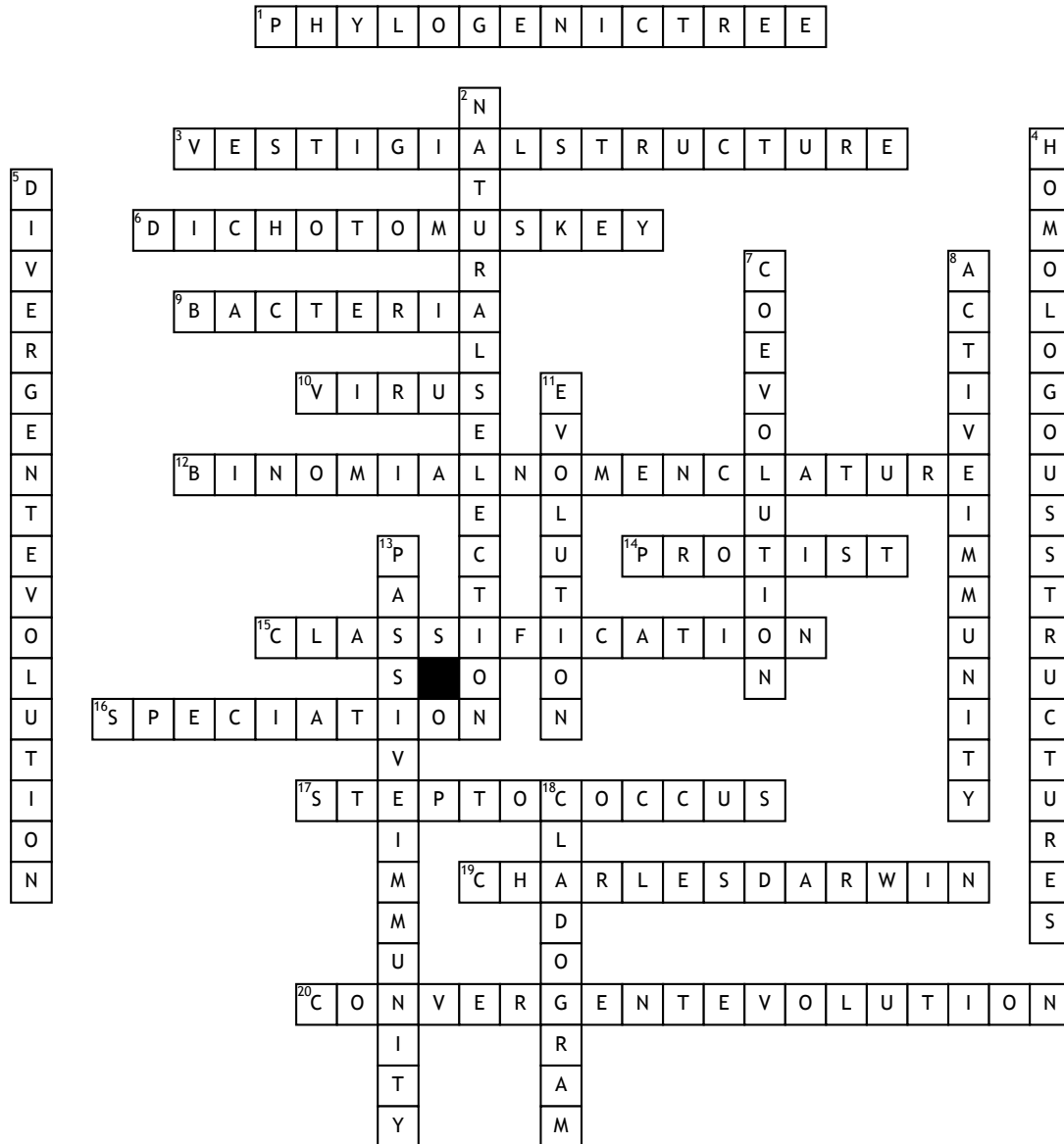


Evolution & Classification



Across

1. diagram beginning with common ancestor CHAVIRUSSLPDEEISPCCDRHAAOARTTTWIIIBISOMDIVERGENTEVOLUTIONONUHOMOLOGOUSSTRUCTURESMKIECLASSIFICATIONYNATURALSELECTIONOBMAVESTIGIALSTRUCTURECNCTCONVERGENTEVOLUTIONELERPASSIVEIMMUNITYVITOACTIVEIMMUNITYLLRSUAPHYLOGENETICTREETDVRIOEOGLPNRUTATOMICOOCCUS
 Across Down 2 Non-living pathogen that causes harmful many conditions 7 Occurs when two species evolve to be more and more different over time 8 Structures that originate from the same type of tissue but may be used differently in different organisms 9 System of placing organisms in groups based on similarities 10 'Survival of the fittest' organisms that are the best suited for survival are the ones that successfully reproduce and pass on their beneficial characteristics; leads to evolution 12 A structure that may have once had a function in a species but has evolved to be useless over time 14 Occurs when different species develop similar traits for similar functions 15 Transfer of antibodies 16 Production of antibodies 19 A diagram beginning with a common ancestor 1 The man who voyaged to the Galapagos and developed the idea of natural selection, which contributes to evolution 3 The emergence of a new species due to natural selection 4 A multi-step tool used to identify a species based on physical characteristics it may possess 5 Eukaryotic organism (often single-celled); classified as plant-like, animal like or fungus-like 6 System of naming organisms based on their scientific genus and species 11 Prokaryotic, single-celled organisms 13 Occurs when two or more populations evolve at the same time 17 A diagram beginning with an outgroup organism 18 Genus of bacteria 20 The change in a species as a whole over time

Down

3. useless structure
 6. identify species based on physical characteristics
 9. PROKARYOTIC
 10. non-living pathogen harmful effects
 12. naming organisms based on scientific genus and species
 14. eukaryotic
 15. placing organisms in groups
 16. emergence of a new species
 17. strep throat
 19. Developed the idea of natural selection
 20. different species develop similar traits
 2. Survival of the fittest
 4. structures originating from the same type of tissue
 5. two or more species evolve to be different
 7. two or more populations evolve at the same time
 8. production of antibodies
 11. gradual change
 13. transfer of antibodies
 18. diagram beginning with an outgroup organism