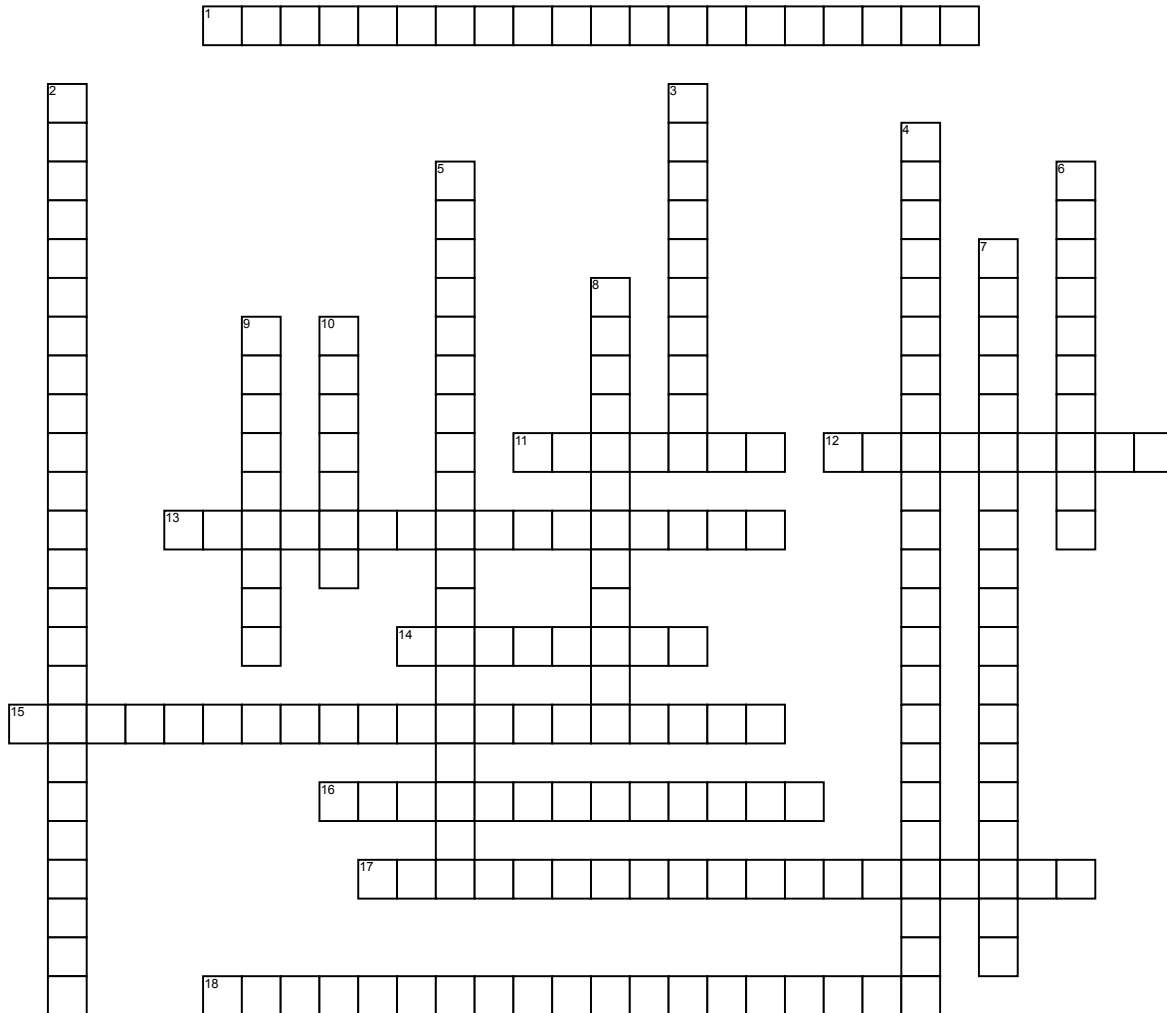


Rat Island Crossword Puzzle



Across

- 1. physical features of an organism
- 11. an organism's ability to survive and reproduce in a particular environment
- 12. seasonal movement of animals from one region to another
- 13. the process where organisms better adapted to their environment tend to survive and produce more offspring
- 14. the changing of the structure of a gene, resulting in a variant form that may be transmitted to subsequent generations, caused by the alternation of single base units in DNA
- 15. when different organisms have similar bones or organs, meaning the 2 organisms share a common ancestor
- 16. naturalist whose scientific theory of evolution by natural selection became the foundation of modern evolutionary studies

17. structure in an organism that has lost all or most of its original function in the course of evolution

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

Down

2. the core of Darwin's theory is natural selection, a process that occurs over successive generations

3. adaptations that allows animals to blend in with certain aspects of their environment

4. internal systematic responses to external stimuli in order to help an organism maintain homeostasis

5. various structures in different species having the same function but have evolved separately, meaning they do not share a common ancestor

6. a change or the process of change by which an organism or species becomes better suited to its environment

7. French biologist who is associated with the theory of the inheritance of acquired traits, which is now discredited but set the base for modern evolutionary studies

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. 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. the close external resemblance of an animal or plant to another animal or plant