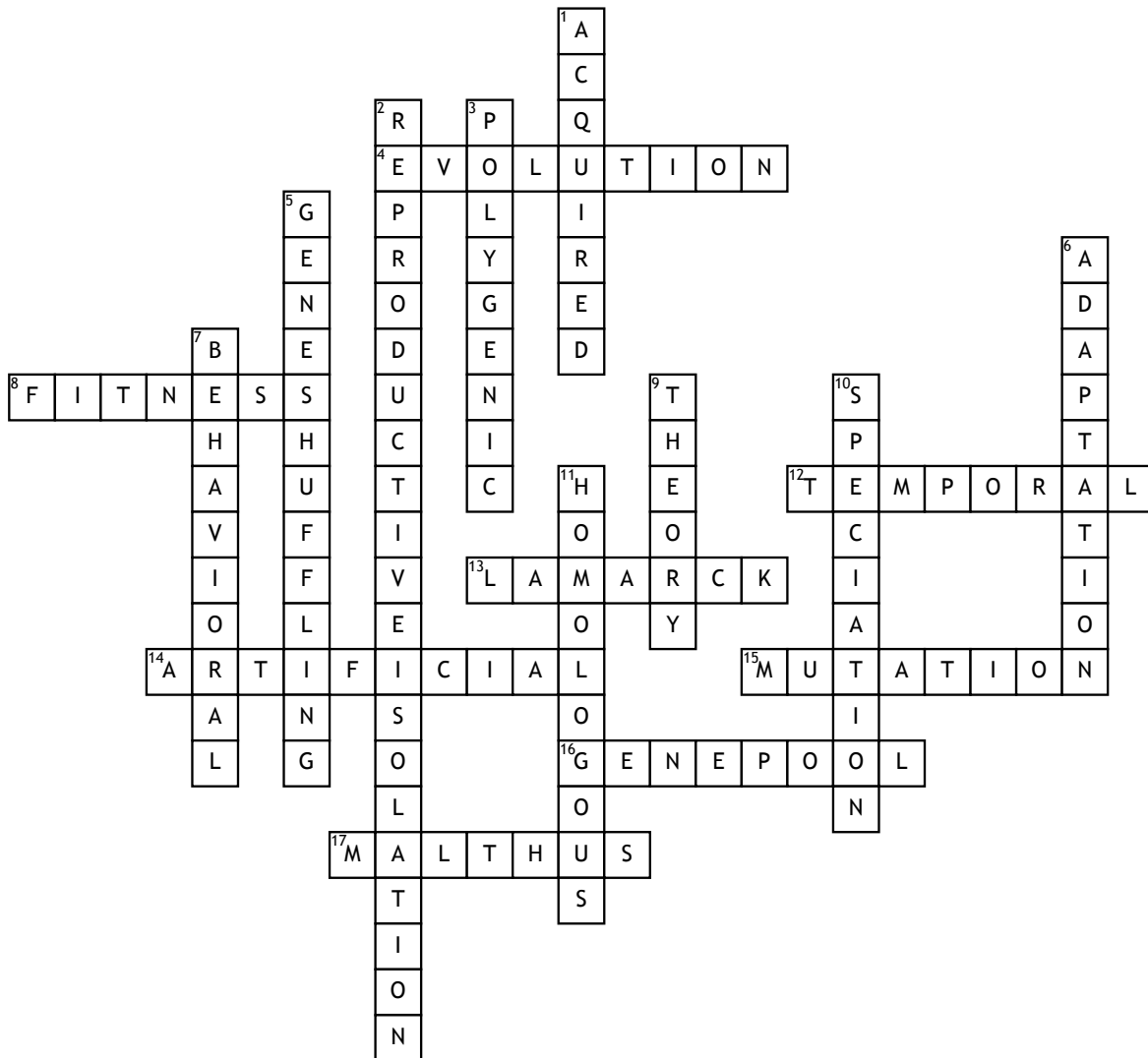


Chapter 15 and 16 Review



Across

4. The process by which modern organisms have descended from ancient organisms

8. Darwin called this the ability of an individual to survive and reproduce in its specific environment

12. Type of isolation in which two or more species reproduce at different times

13. Scientist who believed that organisms acquired or lost certain traits during their lifetime

14. The type of selection in which humans choose most desirable traits for breeding

15. Change in DNA sequence that is one of the two major sources of genetic variation

16. Consists of all genes that are present in a population

17. Economist which noted human population will grow faster than space needed to sustain it

Down

1. Lamarck thought that this type of characteristic could be inherited

2. When the members of two populations cannot interbreed and produce fertile offspring

3. A trait which often has two or more alleles

5. Occurs during production of gametes and is another source of genetic variation

6. Any inherited characteristic that increases an organism's chance of survival

7. Isolation in which animals have differences in rituals

9. A well-supported testable explanation of natural phenomena

10. Formation of a new species

11. Structures that have different mature forms but develop from the same embryonic tissue