

Evolution Vocabulary 1

Name _____ Date _____

Match each statement below with the correct term found in the word bank to the right. Some terms are used more than once.

- _____ 1. This term means “change over time.”
- _____ 2. Characteristics of organisms that enhance their survival and reproduction in specific areas.
- _____ 3. The principle of “Uniformitarianism” was proposed by which scientist?
- _____ 4. An explanation or statement that has been heavily tested and is supported by a large body of evidence.
- _____ 5. This scientist discovered that deeper and older rock strata contain fossils that are increasingly different from living species.
- _____ 6. This scientist published a hypothesis known as the “Theory of Acquired Characteristics.”
- _____ 7. The heritable change in the characteristics within a population from one generation to the next.
- _____ 8. This scientist cautioned that if the human population continued to grow at such a rapid rate, eventually there would be shortages of food and living space.
- _____ 9. The preserved remains of ancient organisms.
- _____ 10. “Catastrophism” was proposed by which scientist?
- _____ 11. A letter from this scientist prompted Darwin to finish and publish his book.
- _____ 12. Layers of rock.
- _____ 13. This scientist said that layers of rock form slowly and are moved upward by forces beneath Earth’s surface to form mountains.
- _____ 14. Although some of his theories have been proven incorrect, this scientist was the first to propose that organisms change over time.
- _____ 15. This principle states that the mechanisms of change are uniform over time. The same geologic forces that were active in the past are still operating today.
- _____ 16. This principle states that events in the past occurred suddenly and were caused by different mechanisms than those operating today.

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| A. Adaptations |
| B. Alfred Wallace |
| C. Catastrophism |
| D. Charles Lyell |
| E. Evolution |
| F. Fossils |
| G. Georges Cuvier |
| H. James Hutton |
| I. Lamarck |
| J. Malthus |
| K. Strata |
| L. Theory |
| M. Uniformitarianism |

Fill in the blank:

- _____ 17. What man is considered to be the “Father of Evolutionary Theory”?
- _____ 18. Upon what ship did Darwin spend 5 years traveling around the world?

- _____ 19. A five-week stop in these islands proved to be the most influential on Darwin as he developed his evolutionary theory.
- _____ 20. The process in which individuals with certain inherited traits leave more offspring than individuals with other traits.
- _____ 21. What was the name of the book written by Darwin that outlined his theory of evolution?
- _____ 22. What phrase did Darwin use when he proposed that organisms descend from common ancestors and change from one generation to the next?