

Name: _____ Date: _____

Evolution Matching

- | | |
|--|--------------------------|
| 1. A change/alteration to DNA that can be caused by environmental factors | A. Evidence of evolution |
| 2. Advantageous variations which help organisms survive in their environments | B. Extinction |
| 3. The ongoing process of change in the inherited features of a population of organisms over time. | C. Natural Selection |
| 4. The process by which organisms with variations better adapted to their environments are more likely to survive, reproduce, and pass along their traits to offspring.. | D. Selective Pressure |
| 5. Differences in traits among individuals of the same species. | E. Adaptation |
| 6. Organisms must fight for resources such as food, space, or a mate. | F. Mutation |
| 7. When populations have adaptations that help them to survive in their environment, they will increase in number. | G. Frequency |
| 8. Although food, water, and space in some environments may be abundant, there is always more offspring than available resources. | H. Competition |
| 9. Different species often have similar structural characteristics, or display molecular similarities in their DNA/proteins | I. Evolution |
| 10. Changes in the environment that force species to adapt/change | J. Over-production |
| 11. The elimination of an entire population or species that is unable to adapt to changes in the environment | K. Natural variation |
| 12. A diagram that shows how different species are related and have changed over time. | L. Cladogram |