

VLA Basic Biology: Unit 33 Worksheet

A. Match the letter of the contribution that helped Darwin with the names given.

1. ____ Lamarck
2. ____ Malthus
3. ____ Cuvier
4. ____ Hutton & Lyell

A. Explained how the deeper a fossil remain was found in rock strata (layers), the more different it was from the similar species living in the present.

B. Organisms are well adapted to their environment, and that organisms change over time as they adapt to changing environments.

C. Developed the idea of uniformitarianism.

D. Made a connection between the food supply and the human population.

B. List the 4 overall steps of Natural Selection in order.

1. _____
2. _____
3. _____
4. _____

C. Select the letter of the description that best matches the term given.

1. ____ Macroevolution

A. Focuses on how inherited traits change over time in a population, focusing on the kinds of genes that will exist in a population over several generations.

2. ____ Microevolution

B. Focuses on how new species evolve, in terms of direction, diversity, or speed of change.

D. Identify each of the following as either A. macroevolution or B. microevolution.

1. ____ Mutation
2. ____ Genetic Drift
3. ____ Extinction
4. ____ Convergent Evolution
5. ____ Mate Choice

6. ____ Coevolution
7. ____ Gradualism
8. ____ Migration
9. ____ Adaptive Radiation
10. ____ Punctuated Equilibrium