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Chapter 5: Change in Nature

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| **Across**  **3.** Attempts to date rocks or fossils by their location within layers of rocks.  **8.** Suggests that all of Earth's physical processes, such as erosion, happen at the same rate in the present as in the past.  **10.** Fossilized footprints, imprints, burrows and bite marks are all examples of this type of fossil.  **11.** Illustrates how accumulating mutations actually make organisms less fit for survival.  **12.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ view mutations as evidence of the increasing disorder in creation as a result of the fall.  **13.** Attempts to date rocks or fossils by measuring the amounts of stable and unstable isotopes within them. | **Down**  **1.** The \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a copy of the original organism.  **2.** Petrified wood is an example of this type of fossil.  **4.** This type of fossil may consist of all or part of the original organism. Amber is an example.  **5.** The blending of Darwin's theories of natural selection with mutations and genetics  **6.**  This type of froms when a buried organism decays and leaves behind only a thin layer of carbon.  **7.** Preserved remains of plants and animals.  **9.** Random changes in DNA. |