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Evolution, Chapter 10

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| **Across****3.** the ability for a trait to be passed from one generation to the next**4.** \_\_\_\_\_\_\_\_\_ evidence relies on similar features in embryos**5.** the differences in traits among individuals within a group**8.** the theory that natural disasters like floods have happened often during Earth's history**9.** a feature that allows an organism to better survive in its environment**12.** \_\_\_\_\_\_\_\_\_\_structures perform similar function but are NOT similar in origin**13.** all the individuals of a species that live in a certain area**15.** the principle that changes in landforms happen slowly over a long period of time**16.** a group of organisms that can reproduce and have fertile offspring**18.** a theory that states geologic processes that shape the Earth are uniform over time**20.** traces of organisms that existed in the past**21.** the process of biological change by which descendants look different than their ancestors**22.** the study of fossils or extinct organisms | **Down****1.** \_\_\_\_\_\_\_\_\_\_\_ selection is when nature is the selective agent of which organisms will survive and reproduce**2.** the study of the distribution of organisms around the world**6.** the principle taht having many offspring increases teh chance that some will survive**7.** \_\_\_\_\_\_\_\_\_\_\_\_\_structures are features taht are similar in structure but appear in different organsims and have different functions**10.** \_\_\_\_\_\_\_\_\_structures are remnants that hada function in an earlier ancestor but are underdeveloped or unused in a later organism**11.** a measure of the ability to survive and produce more offspring**14.** A naturalist who thought that changes in physical characteristics were driven by changes in the environmnent over time**17.** a naturalist who studied species on the Galapagos Island and thought all living things descended from a common ancestor**19.** \_\_\_\_\_\_\_\_ evidence relies on similarities in DNA sequences |