CLUES TO EARTHS PAST

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| **Across****6.** A thin film of carbon residue is left, forming a silhouette of the original organism**8.** A person, animal, or group living in a place or environment. **11.** A hard part of something being dissolved and leaving behind a cavity. **12.** Plant matter accumulating, over millions of years, these deposits become completely carbonized, forming \_\_\_\_.**14.** Somethings age, to the comparison to the ages of other things.**15.**  Remains, imprints, or traces of prehistoric organisms.**16.** The time taken for any specified property to decrease by half.**18.** Living thing such as animal, plant and human.**19.** Gaps in rock sequences are called \_\_\_\_\_\_\_\_\_\_\_\_\_.**20.** Belonging to or forming the outer surface or structure of something. | **Down****1.** A scientist who studies fossils.**2.** Sometimes conditions allow \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ of organisms to be preserved for millions of years.**3.** The process in which something is being broken down.**4.** Rock formed when sediments are cemented and compacted.**5.** Remains of species that existed on Earth for a short period of time.**7.** A method of dating geological or archeological specimens by determining the relative proportions of particular radioactive isotopes present in a sample.**9.** The age, in years, of a rock or other object.**10.** An expert in or student of geology.**13.** A fossil of a footprint, trail or burrow.**17.** The solid, nonmetallic mineral matter of which rocks are made of. |

   Fossil       Index Fossil       Half-Life       Organism        Relative Age       Carbon Films       Mold       Unconformities       Stone       Absolute Age       Radiometric Dating       Trace Fossil        External        Original Remains       Paleontologist        Coal       Radioactive Decay       Inhabited        Sedimentary Rock       Geologist