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C6L1 Fossils and Evolution

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| **Across**  **3.** Preserved remains with no change; Tar- La Brea Tar Pits = ice age mammals; Amber- insects; Freezing- woolly mammoth  **5.** Naturally preserved remains, imprints, or traces of past life  **7.** Thin coating of carbon on rock; all living things contain carbon; thin film remains after decomposition of other elements showing image of organism; can show image of soft, fleshy parts  **8.** Hollow area shape (imprint) of the organism  **9.** Provide evidence of activities of the organism; also trails and burrows; EX: footprints give clue about size, shape, speed, behaivor  **10.** Natural breaking down of dead organisms by fungi, bacteria, insects, and worms | **Down**  **1.** Minerals replace all or part of the organism; usually hard parts- Ex: petrified wood, dinosaur bones; Found where sediments are layed down  **2.** Scientist who studies fossils  **4.** Hard parts are first dissolved and then replaced by minerals; details are not perserved- only shape  **6.** Water carrying dissolved minerals seeps into the empty space of mold and these harden into a shape; a copy of the shape of an organism |