

Rock Cycle

Fossil Formation in Sedimentary Rocks

Fossils are the preserved remains of ancient plants and animals. They provide valuable clues about Earth's history and the life forms that existed long ago. Fossils are mostly found in sedimentary rocks, which form from layers of sediment deposited over time. Here's how fossils are formed in sedimentary rocks:

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These minerals can gradually replace the organic material in the buried organism, turning it into a rock-like substance. This process is called mineralization.

Revealing Fossils: Millions of years later, erosion or excavation may expose the fossilized remains. Paleontologists study these fossils to learn about prehistoric life.