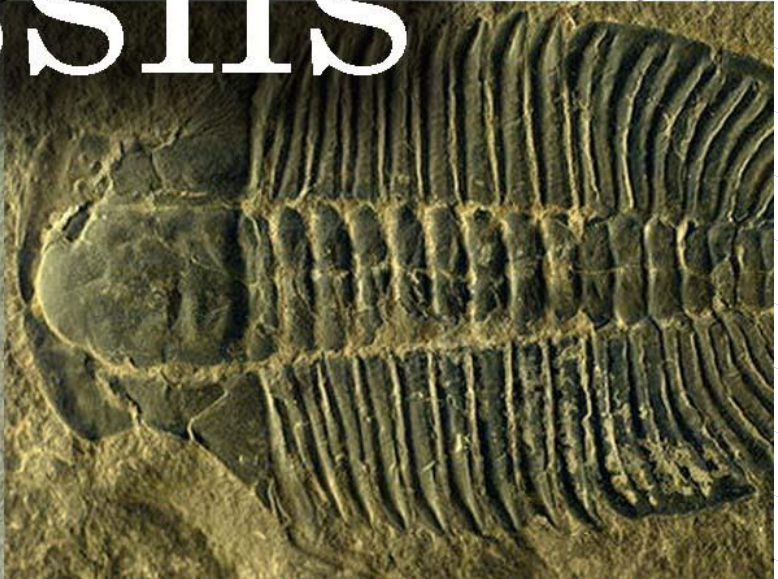


Fossils





Types of Fossils

Original Remains Fossil

- ◆ These are fossils that contain the original parts of the actual organism.
 - Bones
 - Entire body
 - Teeth

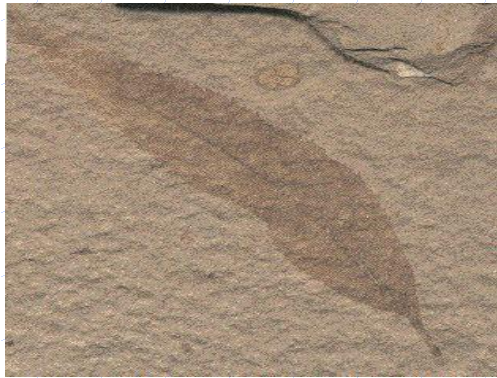
Original Remains Examples



Carbon Film Fossil

- ◆ All living things are made of Carbon
- ◆ A Carbon Film is the film of carbon left on a rock by a decaying organism and is preserved as a fossil.

Carbon Film Examples



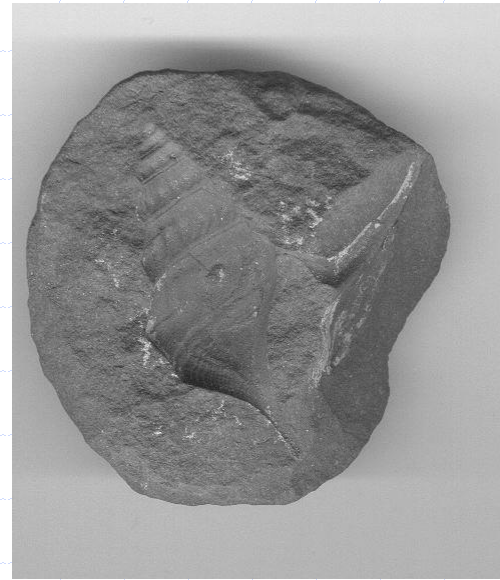
Discuss...

...connections between original remains
and carbon film fossils!

Mold Fossil

- ◆ Fossil that forms when an organism decays or dissolves and leaves a cavity in the rock.

Mold Fossil Examples



Cast Fossil

- ◆ Fossil that forms when a mold fills with sediment and then hardens into rock.

Cast Fossil Examples



Discuss...

...connections between mold and cast fossils.

Trace Fossils

- ◆ Preserved footprints, trails, burrows, or any marks that tell about how things lived.

Trace Fossil Examples



Use of Fossils: Index Fossils

- ◆ The FOSSIL RECORD gives scientists proof of WHAT life forms existed in the past. We learn WHERE organisms lived and HOW they lived.
- ◆ These are the remains of species that lived for a short time and were numerous, and found in many places.
- ◆ Fossils can be used to date other fossils and the layers of sedimentary rock.

Using Index Fossils

