

Fossils → Clues of Past Life!

- found in sedimentary rock ONLY!

Molds + Casts - - Mold - hollowed
out shape of life form

Petrified - - Cast - the shape of
original creature

Cells of original creature
replaced with minerals

Carbon film - Carbon from original
creature 2D picture
on a rock

trace fossils - traces from Ancient life
- footprints, coprolites
etc.

Preserved remains - original creature is
preserved ex. - Amber
- Tar
- ice

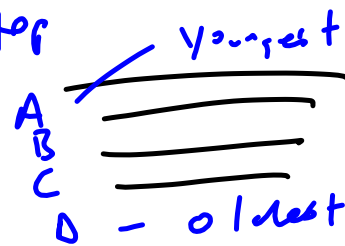
Paleontologists - Scientists that study
Fossils

Evolution - gradual change in life
over time.

extinct - gone!

Law of Superposition -

youngest rock layer on top
oldest on bottom



Relative Age - related to the other layers or other fossils

Absolute Age - the Actual Age!

Unconformity - Gap or problem in the geologic record

index fossils -

1. widely distributed (found world-wide)
2. lived short time