

3005

GENERAL FOSSIL COLLECTION

Fossils are preserved remains of past life or trace evidence of such life. Rapid burial is a primary factor in fossilization. Marine plants and animals are fossilized more frequently than land organisms because they undergo rapid burial more readily. One of a number of processes may lead to fossilization. These processes may be as simple as the freezing of an animal or a complex as minerals filling voids in bone or shell of an organism.

<u>Kingdom</u>	<u>Phylum</u>	<u>Class</u> <u>Age</u>	<u>Genus and Species</u> <u>Local</u>
1. Animal	Mollusca	Gastropoda Eocene Epoch	<i>Turritella sp.</i> Wyoming
2. Animal	Mollusca	Pelecypoda Cretaceous Period	<i>Gryphea nebraskensis</i> Montana
3. Animal	Echinodermata	Echinoidea Mesozoic Era	-unidentified species- MOROCCO
4. Animal	Coelenterata	Anthozoa Jurassic Period	<i>Astrocoenia hyatti</i> Carbon Co., Montana
5. Animal	Vertebrata	Chondrichthyes Miocene Epoch	-shark tooth- MOROCCO
6. Animal	Brachiopoda	Articulate Mesozoic Era	-unidentified species- MOROCCO
7. Animal	Echinodermata	Crinoidea Pennsylvanian Era	-crinoid stem- Oklahoma
8. Animal	Brachiopoda	Articulate Pennsylvanian Period	<i>Marginifera muricata</i> Oklahoma
9. Animal	Coelenterata	Anthozoa Mississippian Period	<i>Tabullophyllum sp.</i> Utah
10. Animal	Mollusca	Cephalopoda Mesozoic Era	<i>Ammonite sp.</i> MOROCCO
11. Animal	Vertebrata	Mammalia Tertiary	<i>Coryphodon sp.</i> Wyoming
12. Animal	Mollusca	Pelecypoda Cretaceous Period	<i>Illymatogyra arientina</i> Texas
13. Animal	Bryozoa	--- Pennsylvanian Period	-mixed sp.- Bryan Co., Oklahoma
14. Plant	Tracheophyta	Gymnospermopsida Triassic Period	-petrified wood- Colorado or Utah
15. Plant	Cyanophyta	--- Cretaceous Period	-algae- Wyoming