

**CU Museum of Natural History
Fossil Kit Collection**

Specimen #: 1

Name: **Coprolite (Fossil Feces)**

Age: **Eocene**

Description: **Carnivore feces,
probably from a Nimravid,
an extinct cat-like animal.**

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Specimen #: 2

Name: **Trilobite (*Diacalymene ouzregui*)**

Body Part: **Exoskeleton (some folded)**

Age: **Ordovician**

Description: **Trilobites are an extinct
group of marine arthropods.
They were alive from the
Cambrian through the Permian.**

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Specimen #: 3

Name: **Brachiopod**

Body Part: **Mold of internal cavity**

Age: **Cretaceous**

Description: **Similarly to bivalves,
brachiopods have two shells
hinged together. They first
appeared during the Cambrian
and are still alive today.**

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Specimen #: 4

Name: **Dinosaur**

Body Part: **Piece of bone**

Age: **Jurassic**

Description: **Although Dinosaurs
Range from the Middle Triassic
through the Cretaceous, this
specimen is from the
Jurassic.**



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Specimen #: 5

Name: **Horse (*Equus* sp.)**

Body Part: **Molar (Tooth)**

Age: **Pleistocene**

Description: **Although fossil horses range from the Eocene to Pleistocene, this specimen is from the Pleistocene.**

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Specimen #: 6

Name: **Wood**

Age Range: **Triassic to Pleistocene**

Description: **Fossilized wood is very common in the fossil record.**

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Specimen #: 7

Name: **Graptolite**

Age: **Ordovician**

Description: **Graptolites are an extinct group of colonial organisms that lived in the ocean. They first appear in the Cambrian and went extinct at the end of the Carboniferous.**

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Specimen #: 8

Name: **Fish (*Osteichthyes*)**

Body Part: **Skeleton**

Age: **Eocene**

Description: **Fish first appear in the Devonian and are still alive today.**



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Specimen #: 9

Name: **Leaf**

Age: **Eocene**

Description: **This is a fossil leaf similar to leaves you see on trees today. This leaf has a smooth margin.**

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Specimen #: 10

Name: **Leaf**

Age: **Eocene**

Description: **This is a fossil leaf similar to leaves you see on trees today. This leaf has a jagged margin.**

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Specimen #: 11

Name: **Fern**

Age Range: **Carboniferous**

Description: **Ferns are a group of vascular plants that reproduce via spores. Ferns first appeared during the Devonian and are still alive today.**

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Specimen #: 12

Name: **Shark**

Body Part: **Tooth**

Age: **Eocene**

Description: **Sharks first appear in the Devonian and are still alive today. They are a group of vertebrates that have a cartilaginous skeleton.**



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Specimen #: 13

Name: **Mammal**

Body Part: **Bone**

Age: **Holocene**

Description: **This is bone from a modern mammal.**

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Specimen #: 14

Name: **Bivalve**

Part: **Shell**

Age: **Holocene**

Description: **This is the shell of a modern bivalve.**

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Specimen #: 15

Name: **Bear (*Ursus sp.*)**

Body Part: **Molar (Tooth)**

Age: **Pleistocene**

Descriptions: **This specimen's common name ("cave bear") and scientific name ("*Ursus spelaeus*") reflect its fossils are most often found in caves.**

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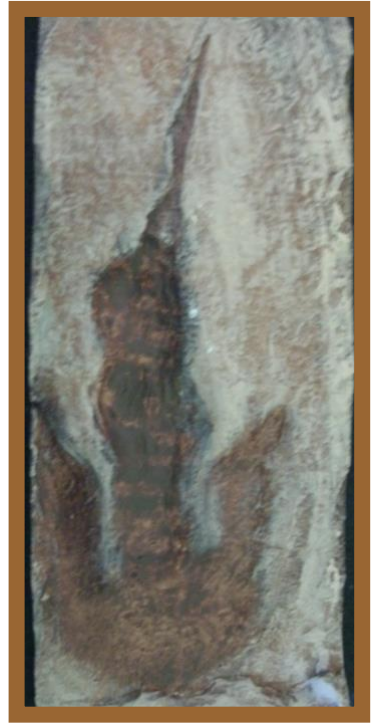
Specimen #: 16

Name: ***Spinosaurus sp.***

Body Part: **Tooth**

Age: **Cretaceous**

Description: ***Spinosaurus* was a very large theropod (three-toed) dinosaur.**



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Specimen #: 17

Name: **Theropod Track and Trackway**

Age: **Triassic**

Description: **The long mark extending from the center toe is not a claw, but a drag mark from a short claw that belonged to a small, three-toed dinosaur.**

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Specimen #: 18

Name: **Synapsid Track and Trackway**

Age Range: **Permian**

Description: **This is a track of the right ped (hind foot) and the right pes (front foot) of a mammal-like reptile.**