



Name _____

FOCUSING ON FOSSILS

Webquest

Click to visit: <http://www.natmus.humboldt.edu>

Step 1: Go to the exhibits page <https://natmus.humboldt.edu/exhibits>

Step 2: To find the answers click on the Fossil Focus Exhibit link and proceed to each section below.

Section A (Introduction page)

Fill in the missing word or words:

1. Ammonites are a group of _____ that went extinct _____ million years ago.
2. Some ammonites grew to _____ feet in diameter!
3. Plants have been on the planet for _____.
4. _____ are arthropods which lived from 570-240 million years ago.

Section B (Click on the Insects Web-only link)

Name 3 insects that are found in the fossil record and are still live today AND give the period of geologic time from which a particular fossil (and its number) is found.

Example: fossil #833, Water Strider, from Cretaceous period.

	Number	Name	Period of time
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____

Section C (click on the Making of a Fossil section)

Background: There are many different types of fossils including casts, carbon films, molds, replacement, premineralization, and trace fossils. Trace fossils are those that give a clue that an organism once lived and can be burrows, poop, and tracks.

See if you can find at least 4 different types of fossils based on the description given, and describe them below. If it is a trace fossil explain what kind.

Example : Fossilized leaf carbon impression or film

1. _____
2. _____
3. _____
4. _____

Section D (click on the Ammonite section)

Pick your favorite ammonite from our collection. Identify it by species name, what period of time it came from, and where it was found. Then draw it below to the best of your ability.

My favorite ammonite is _____

It dates back to the _____ period.

It was found in _____

Section E (Click on the Trilobites link)

1. Count how many trilobite fossils are listed on this page. Answer _____
2. Trilobites are animals that lived in the ocean millions of years ago and are now extinct. What species that live today do they remind you of and explain your answer.