

The Time Machine

Introduction:

Sara and Omar have travelled in the time machine, how lucky! They started their journey 251 million years ago and have finished today. For each era they have travelled through, they have drawn a fossil or object from that time. Will you be able to find out where they have travelled?

Today, we still don't have time machines, but paleontologists and archaeologists often travel using their imagination and their scientific studies! Archaeologists study humans and their ancestors by observing, among other things, objects and bones from the past .

Paleontologists study the history of life on earth, which includes things much older than humans, such as dinosaurs. Who do you think would study Sara and Omar's drawings, archaeologists or paleontologists?

Instructions:

On each page you will find a drawing and 3 labels that can be cut out. To play, you arrange the drawings in order from oldest to most recent, and build your own timeline! You can cut out more or fewer labels depending on the difficulty or the subject you want to work on.

Learning Objectives:

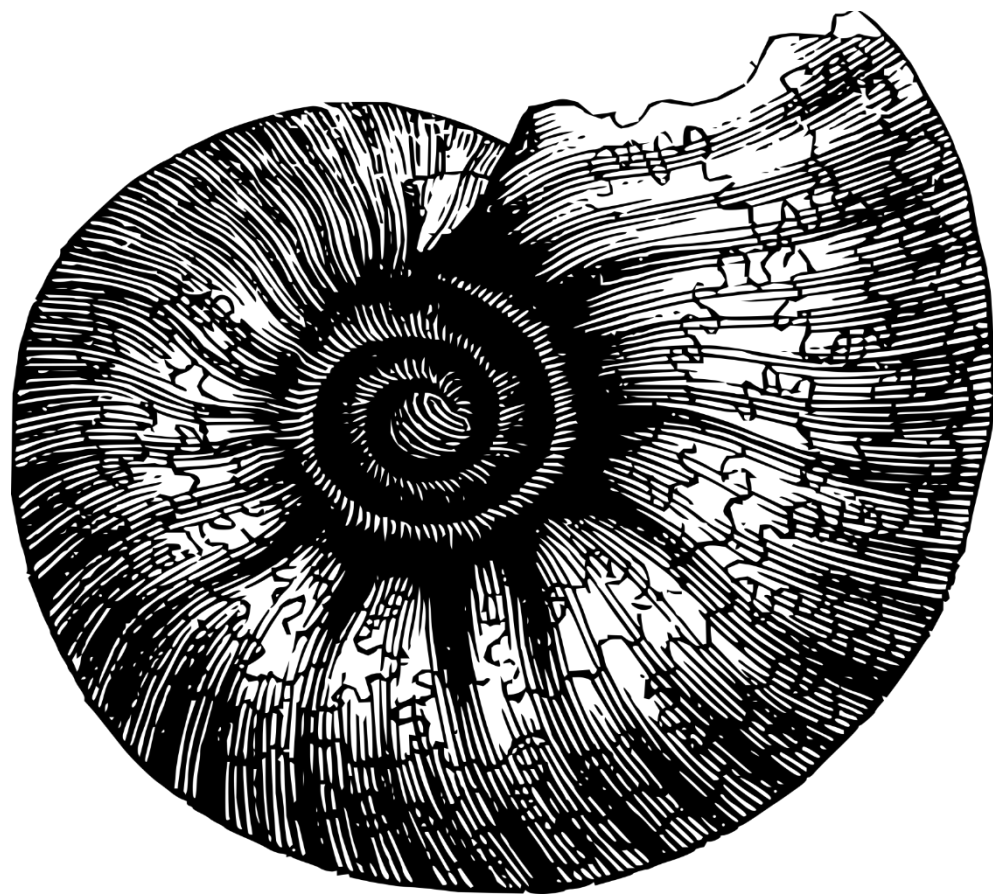
The game makes children think about chronology (sequence of things in time). They can also think about the part of history that involves humans and the history of the earth before people appeared (archaeologist or paleontologist).



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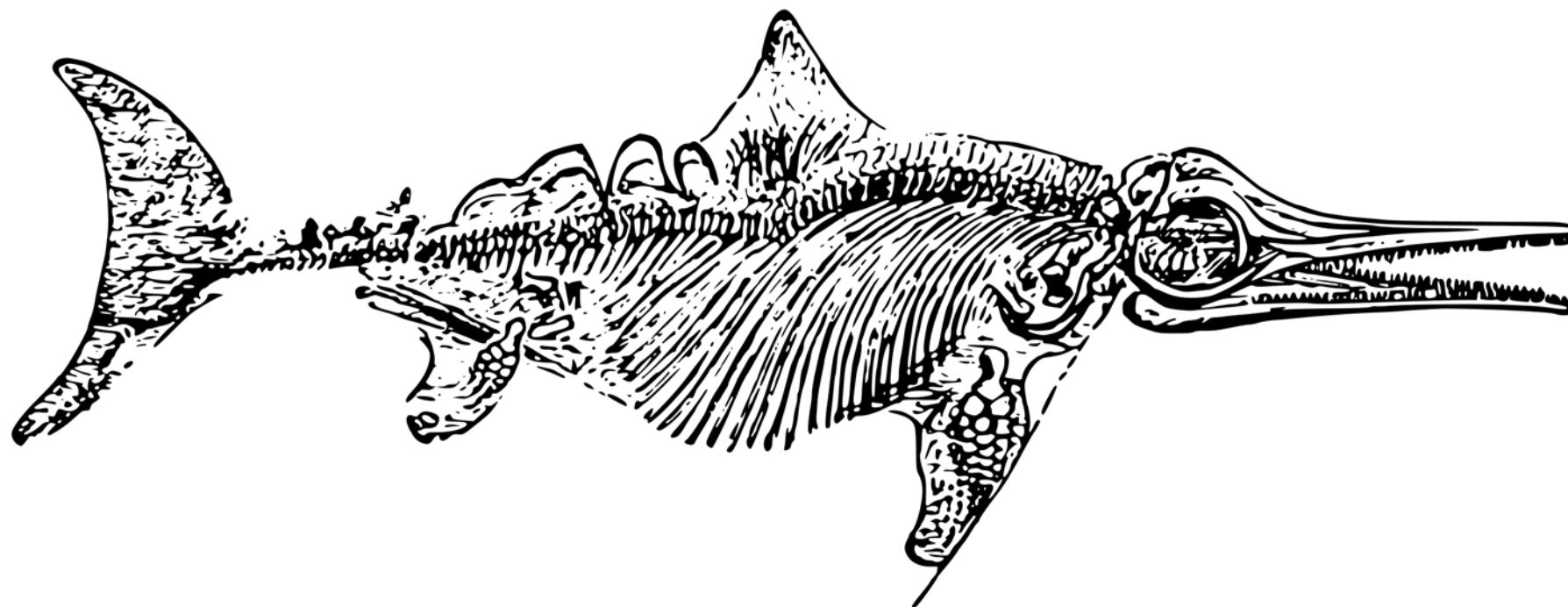


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Ammonite fossil

Paleontologist

Triassic Period (251 to 199
million years ago)



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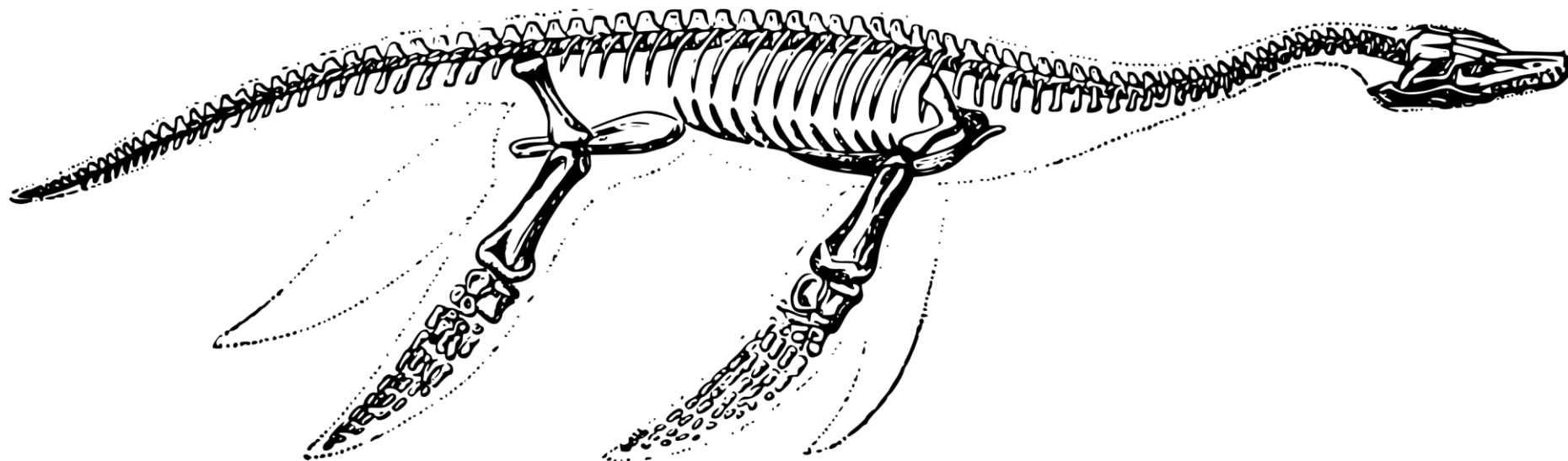
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Ichthyosaur fossil

Paleontologist

Triassic Period (251 to
199 million years ago)





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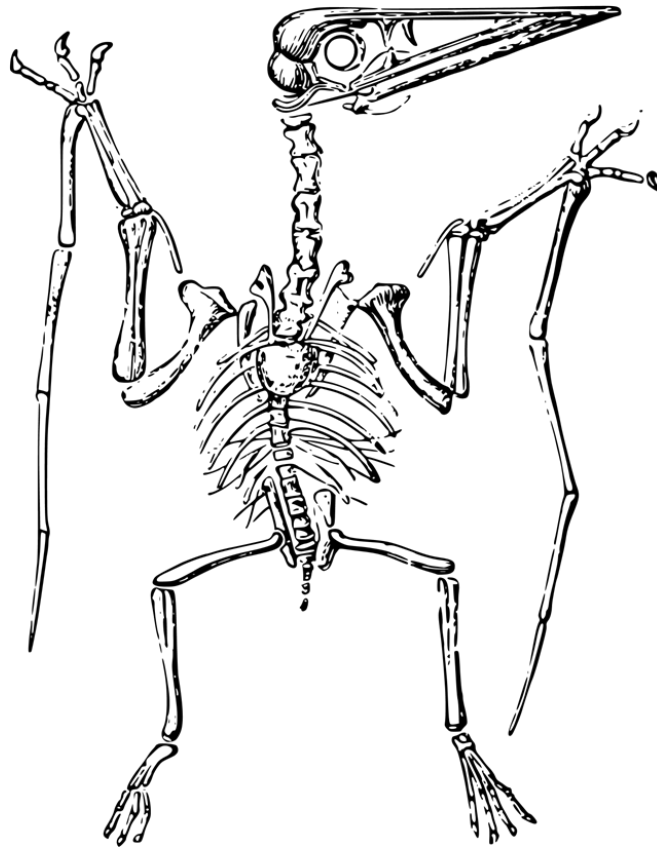
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Plesiosaur fossil

Paleontologist

Jurassic Period (200 to
145 million years ago)





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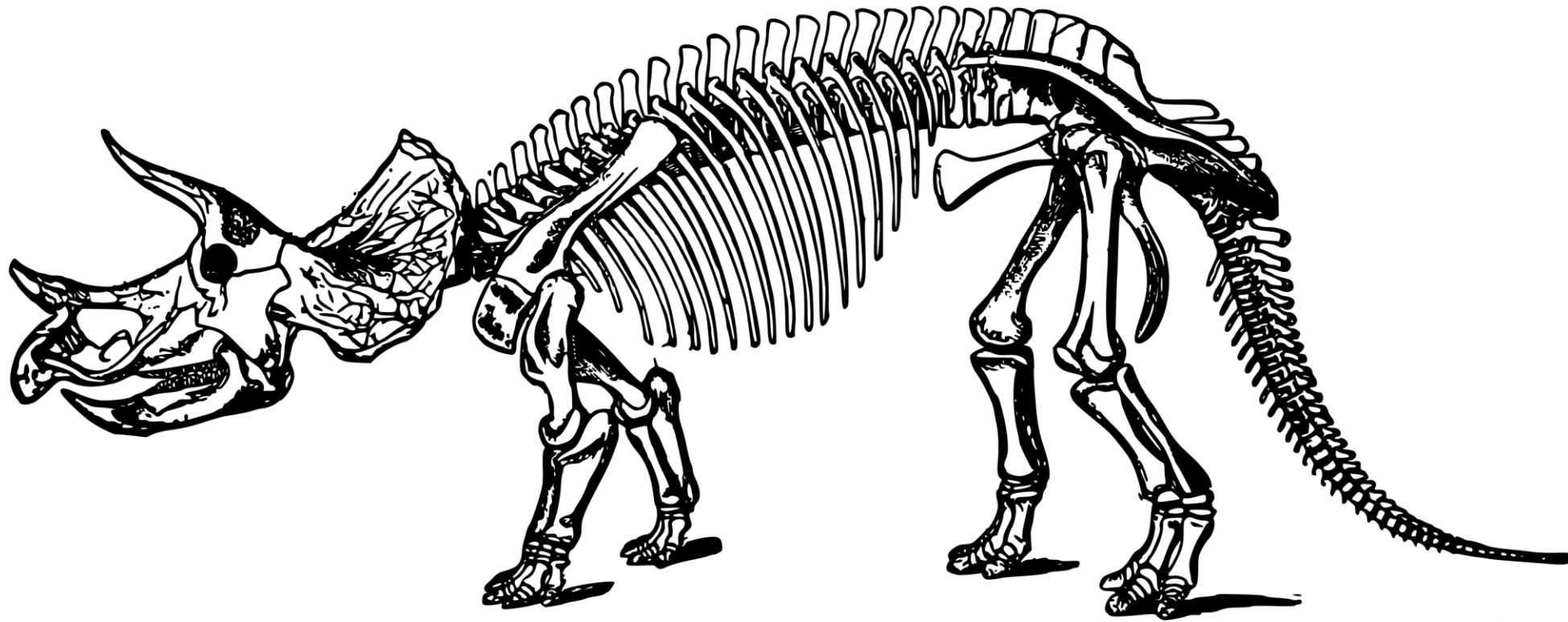


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Pterodactylus fossil

Paleontologist

Jurassic Period (200 to 145
million years ago)



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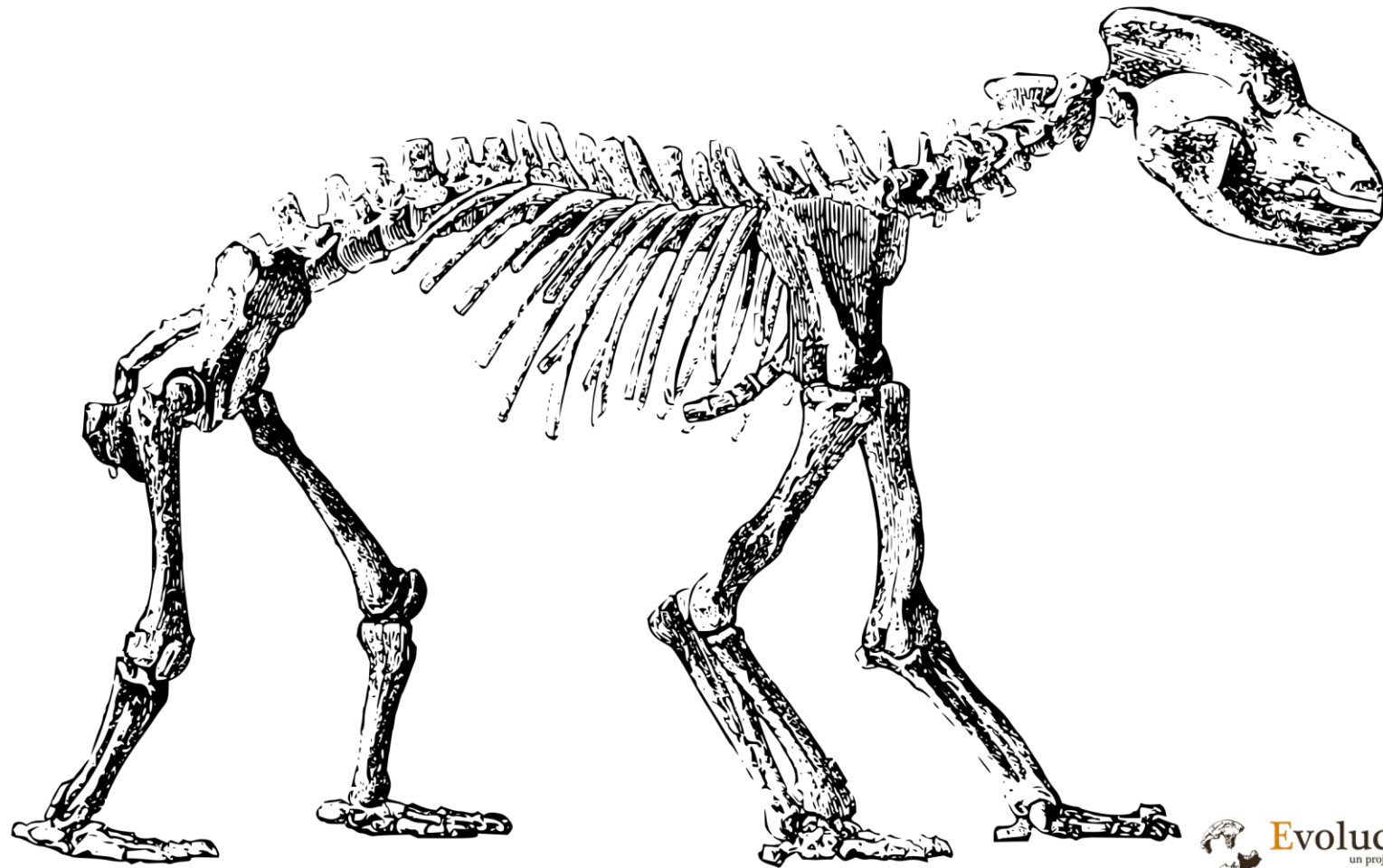


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Triceratops fossil

Paleontologist

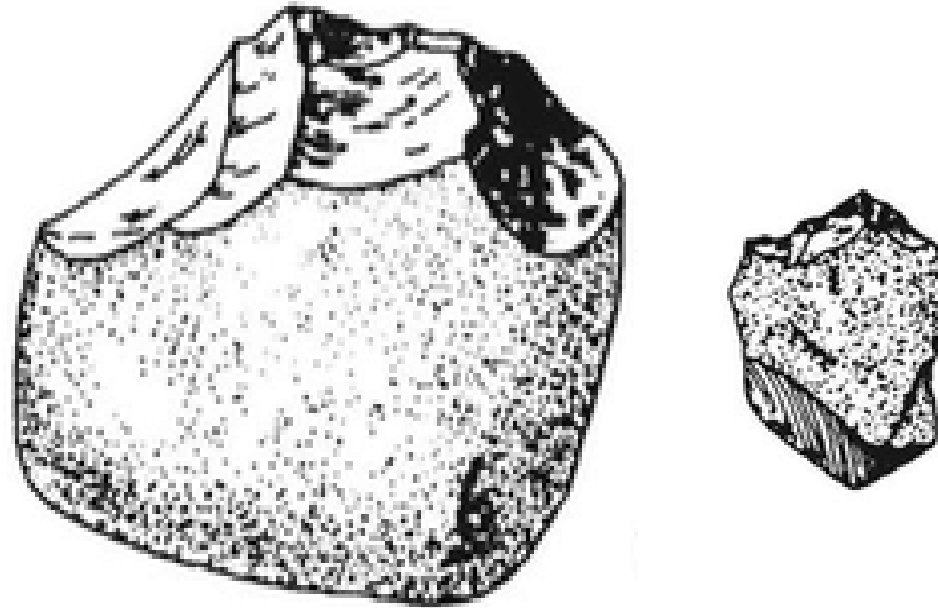
Cretaceous Period (145 to
66 million years ago)



Cave bear skeleton

Archaeologist and
paleontologist

Paleolithic (5.3 million to
100,000 years ago)



Boulder and flake mode 1
or olduvayense

Archaeologist

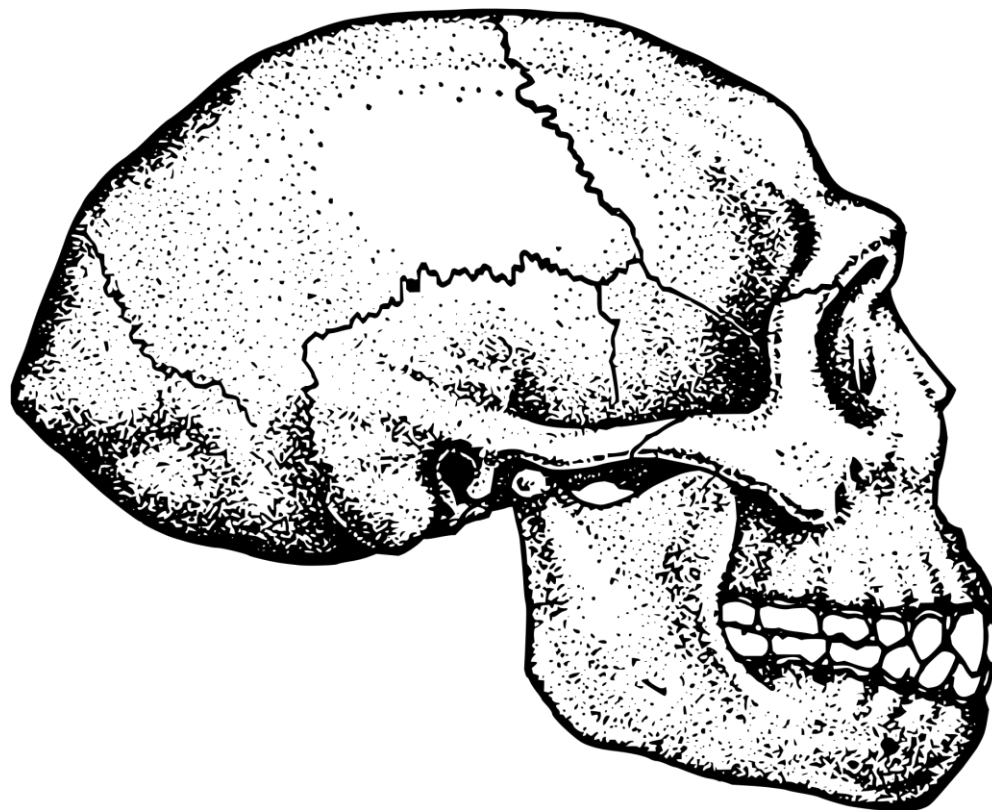
Archaic Lower Paleolithic (3.3 to
1.6 million years ago)



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Skull of Homo erectus

Archaeologist and
paleontologist

Lower Paleolithic (1.6 million
to 300,000 years ago)



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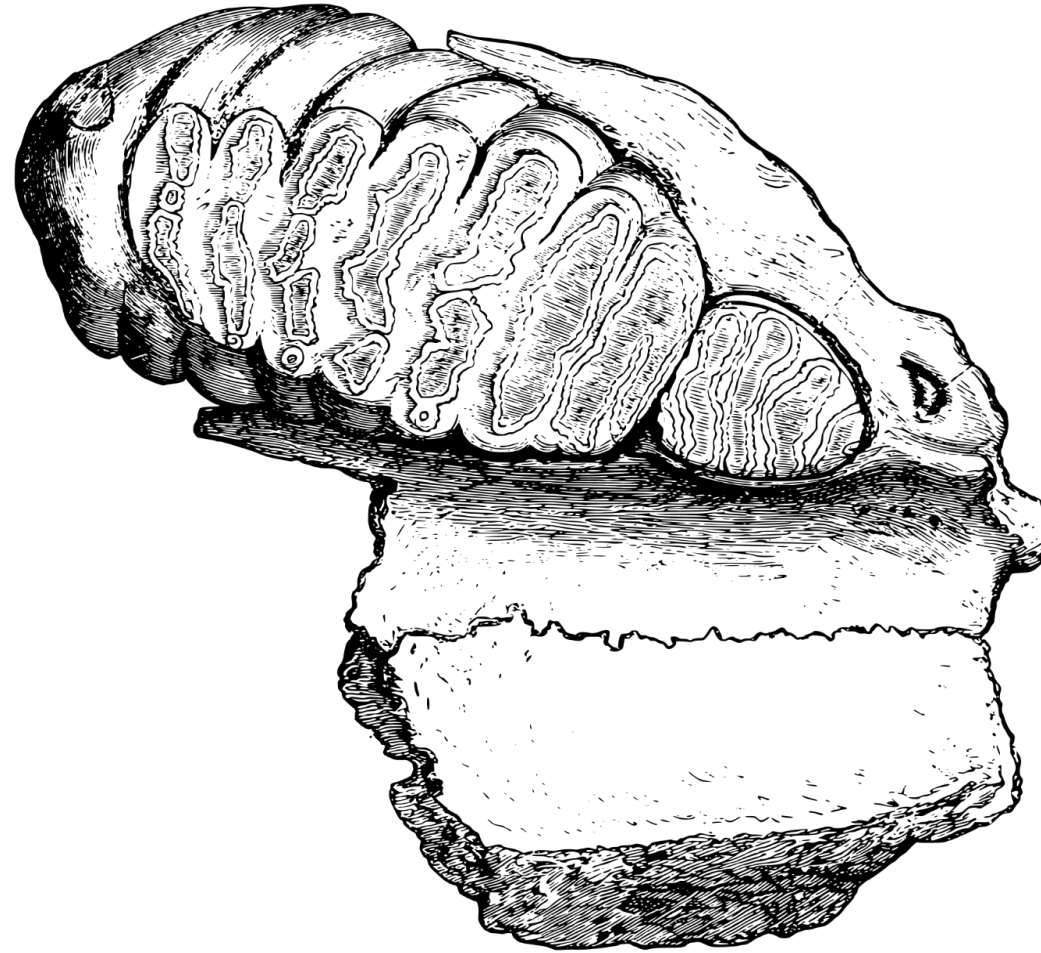


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Bifacial mode 2 or
Acheulean

Archaeologist

Lower Paleolithic (1.6 million
to 300,000 years ago)



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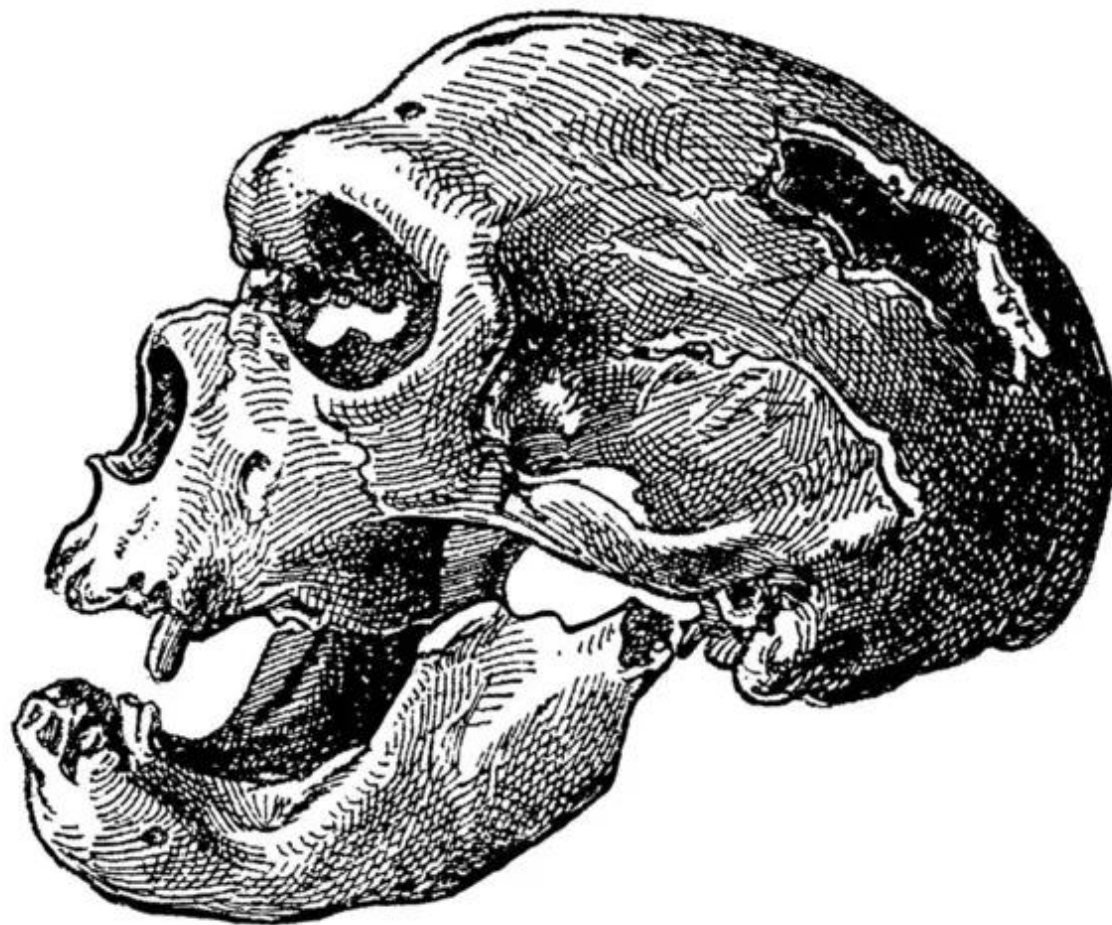
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Woolly mammoth tooth

Archaeologist and
paleontologist

Paleolithic (400,000 to
10,000 years ago)





Neanderthal skull
(*Homo neanderthalensis*)

Archaeologist and
paleontologist

Middle Paleolithic
(300,000 to 40,000 years
ago)

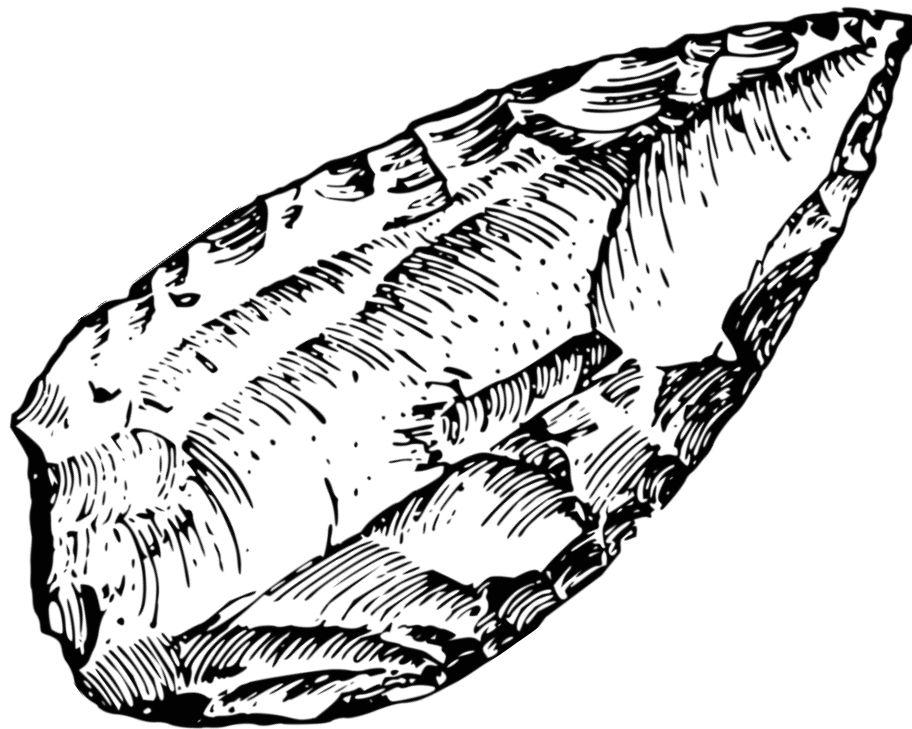


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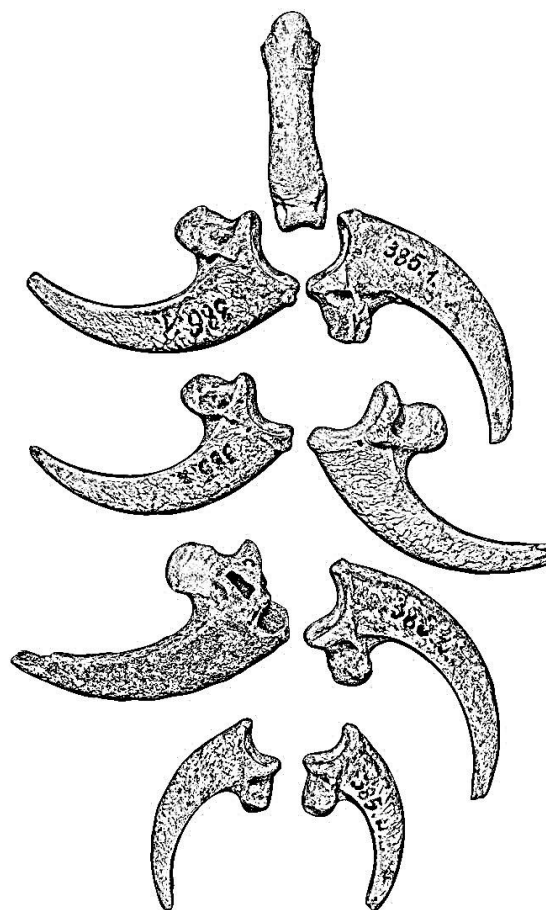
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Mousterian tip or
Neanderthal spearhead

Archaeologist

Middle Paleolithic
(300,000 to 40,000 years
ago)





Eagle Paws Necklace

Archaeologist

Middle Paleolithic
(300,000 to 40,000 years ago)



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Cro-Magnon skull (*Homo sapiens*)

Archaeologist

Upper Paleolithic (40,000 to 10,000 years ago)



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Cave painting of the
Altamira Cave

Archaeologist

Upper Paleolithic (40,000
to 10,000 years ago)



Shell necklace

Archaeologist

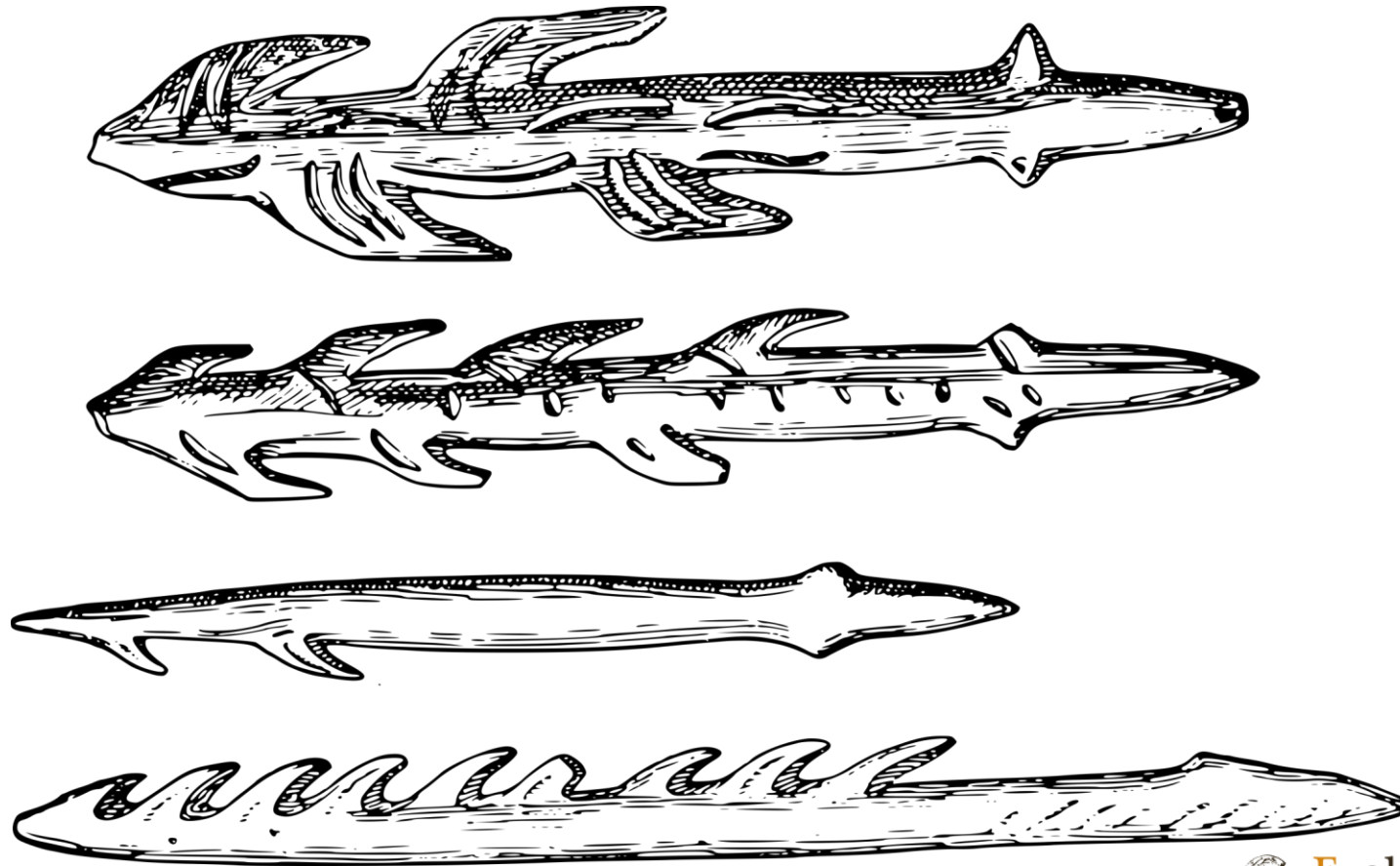
Upper Paleolithic (40,000
to 10,000 years ago)



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Staghorn Harpoons

Archaeologist

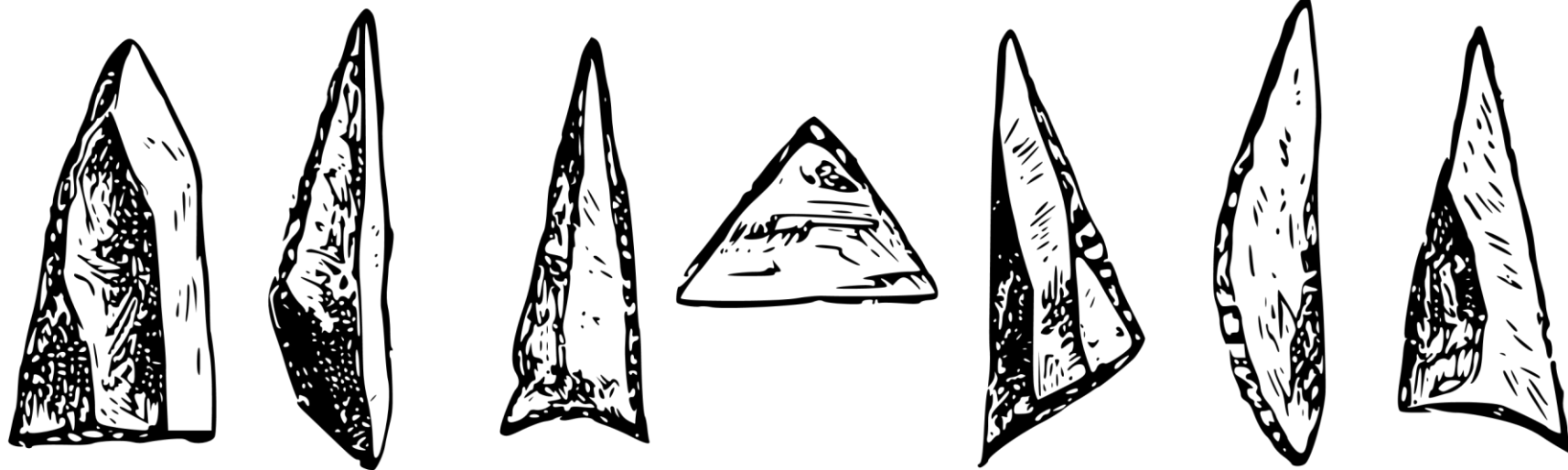
Upper Paleolithic (40,000
to 10,000 years ago)



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Microliths
(small stone tools)

Archaeologist

Mesolithic (11,000 to
8,000 years ago)



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Sickle

Archaeologist

Neolithic (8,000 to 6,000
years ago)

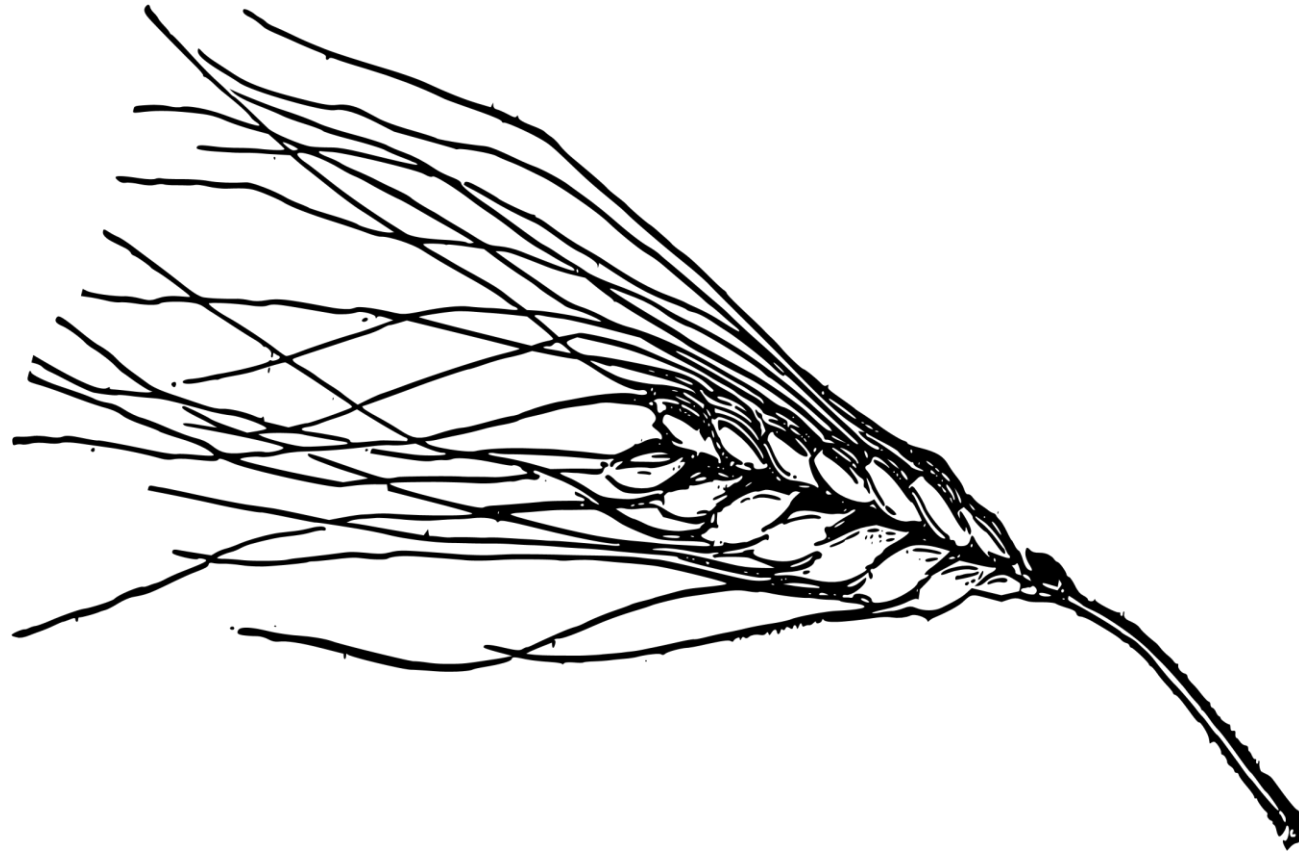


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Preserved wheat grain

Archaeologist

Neolithic (8,000 to 6,000
years ago)





Arrowhead

Archaeologist

Neolithic (8,000 to 6,000
years ago)

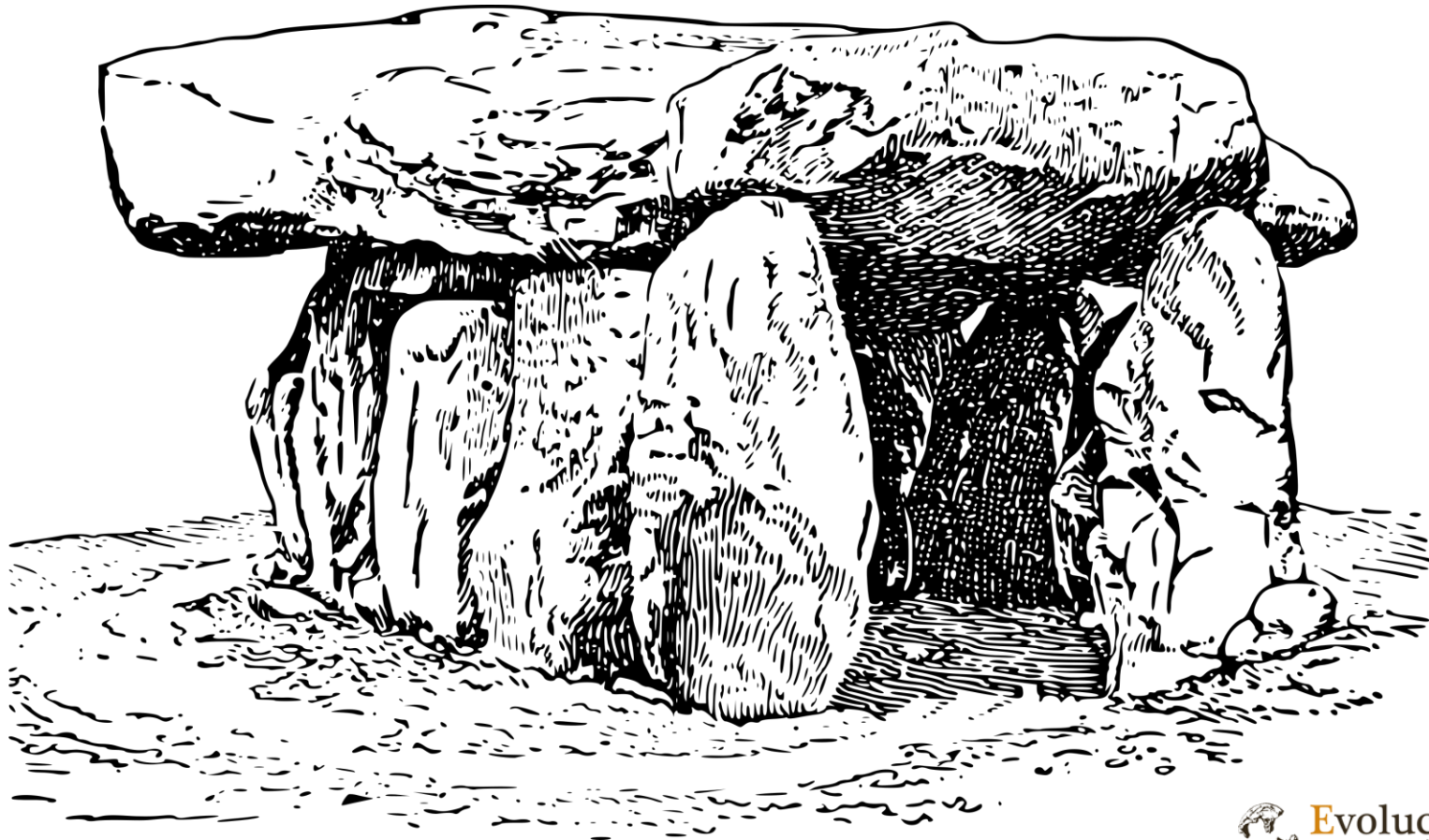


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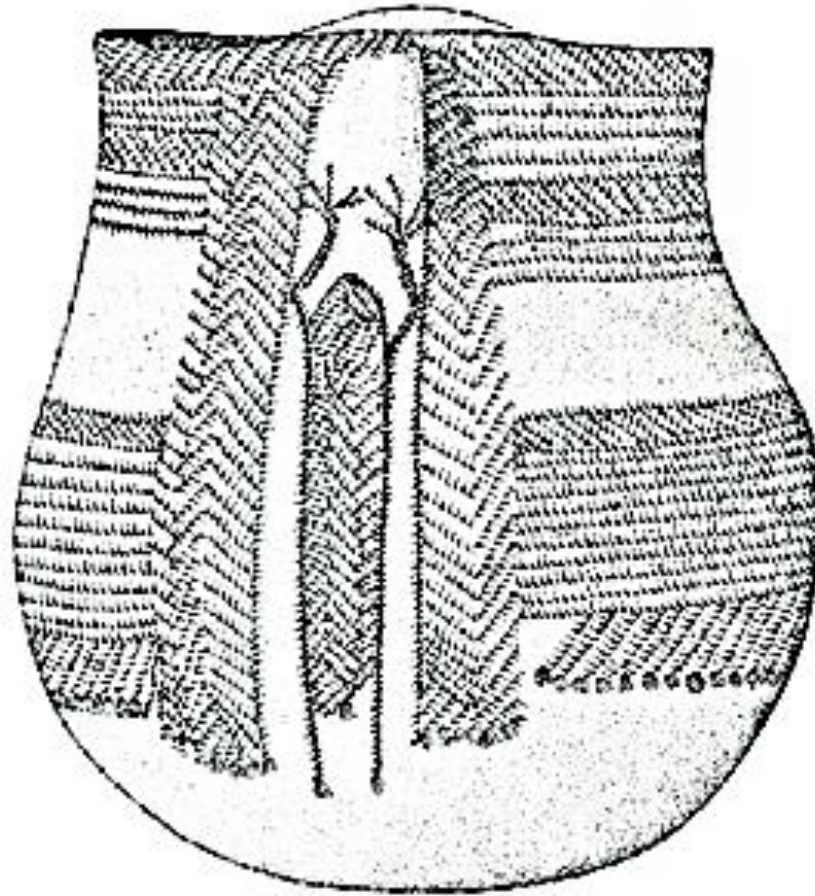
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Dolmen

Archaeologist

Neolithic (8,000 to 6,000
years ago)





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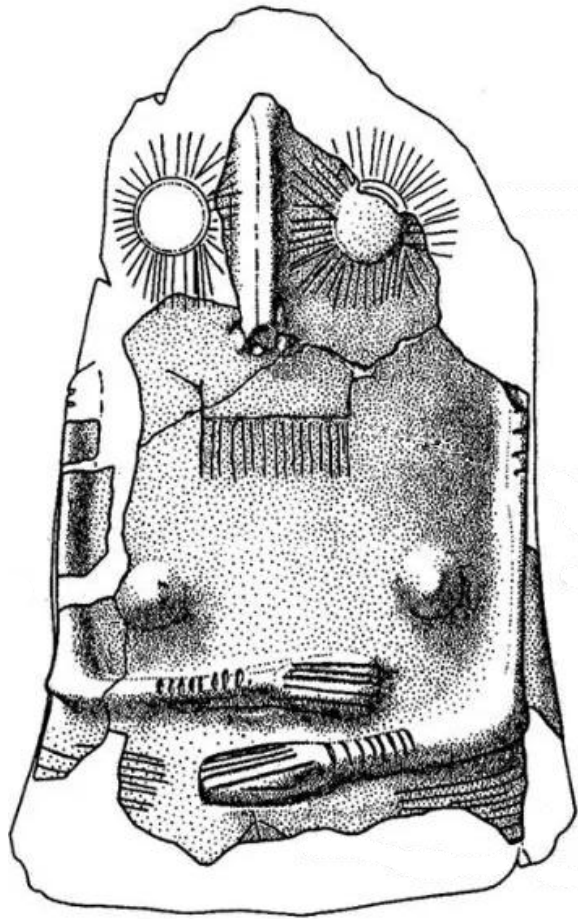
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Ceramic vase from the
Cova de l'Or

Archaeologist

Neolithic (8,000 to 6,000
years ago)





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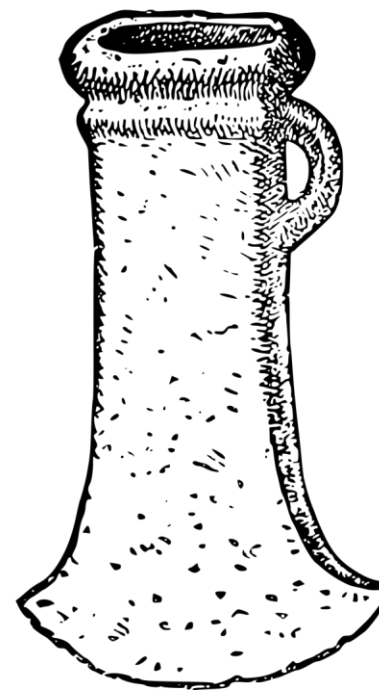
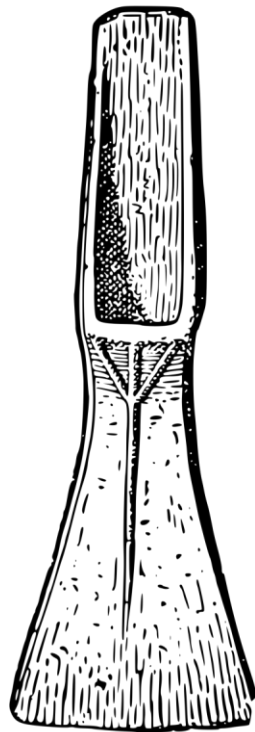
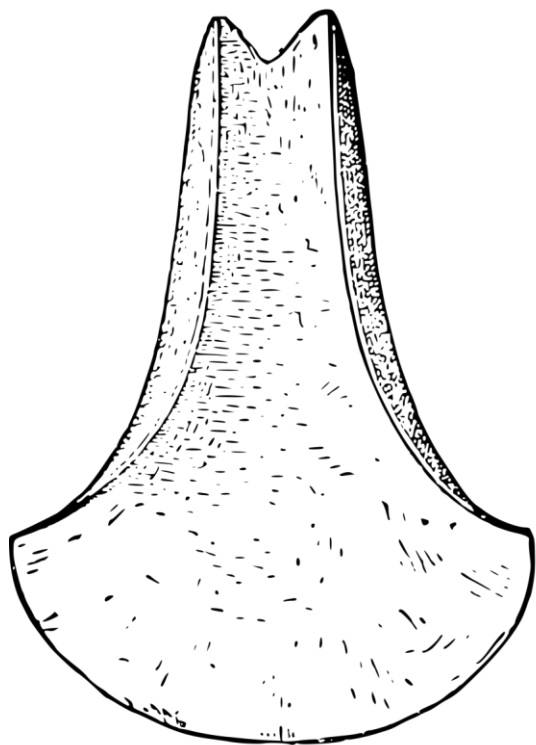


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Venus of Gavà

Archaeologist

Neolithic (8,000 to 6,000
years ago)



Bronze Axe

Archaeologist

Bronze Age (5,300 to
3,200 years ago)

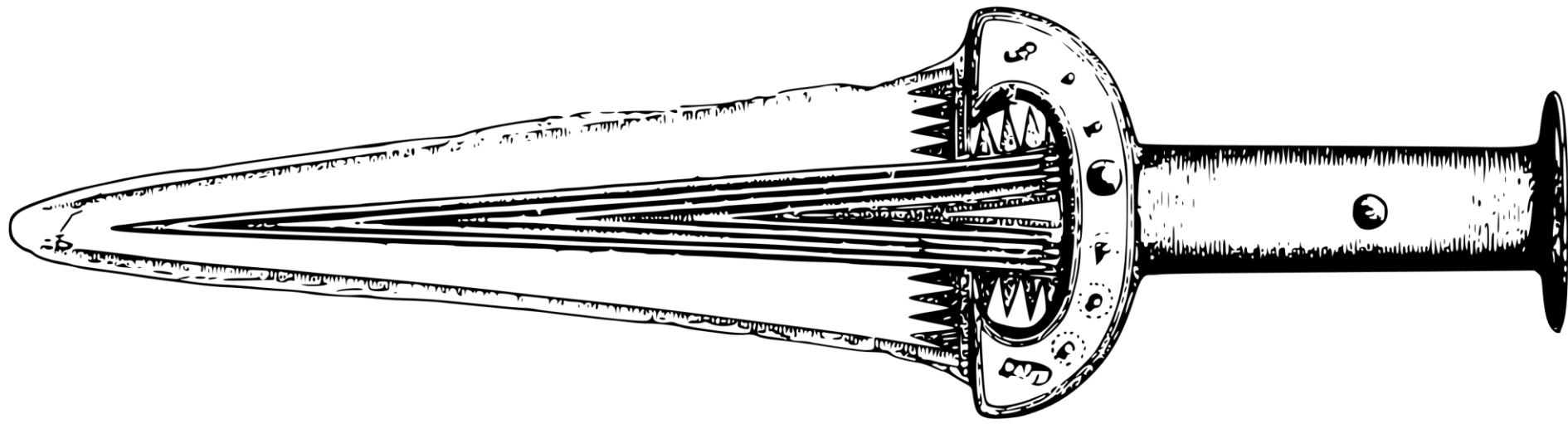


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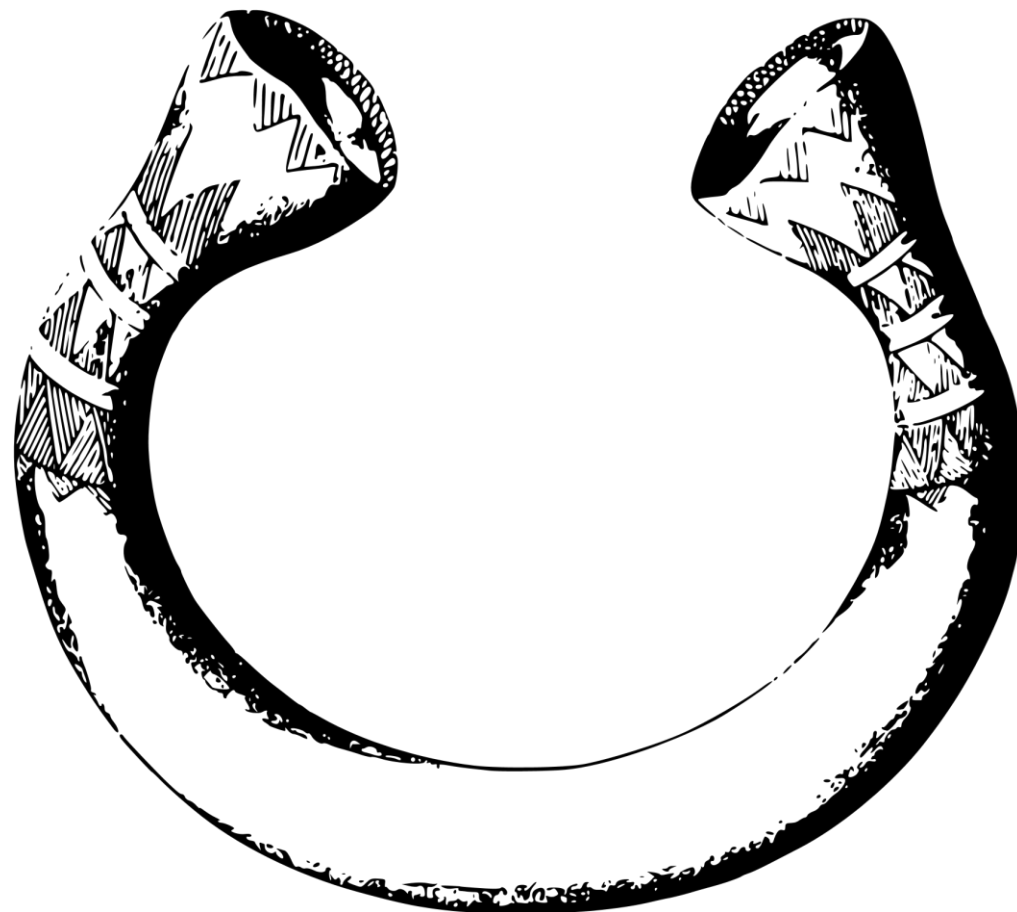
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Bronze Dagger

Archaeologist

Bronze Age (5,300 to
3,200 years ago)





Gold bracelet

Archaeologist

Bronze Age (5,300 to
3,200 years ago)

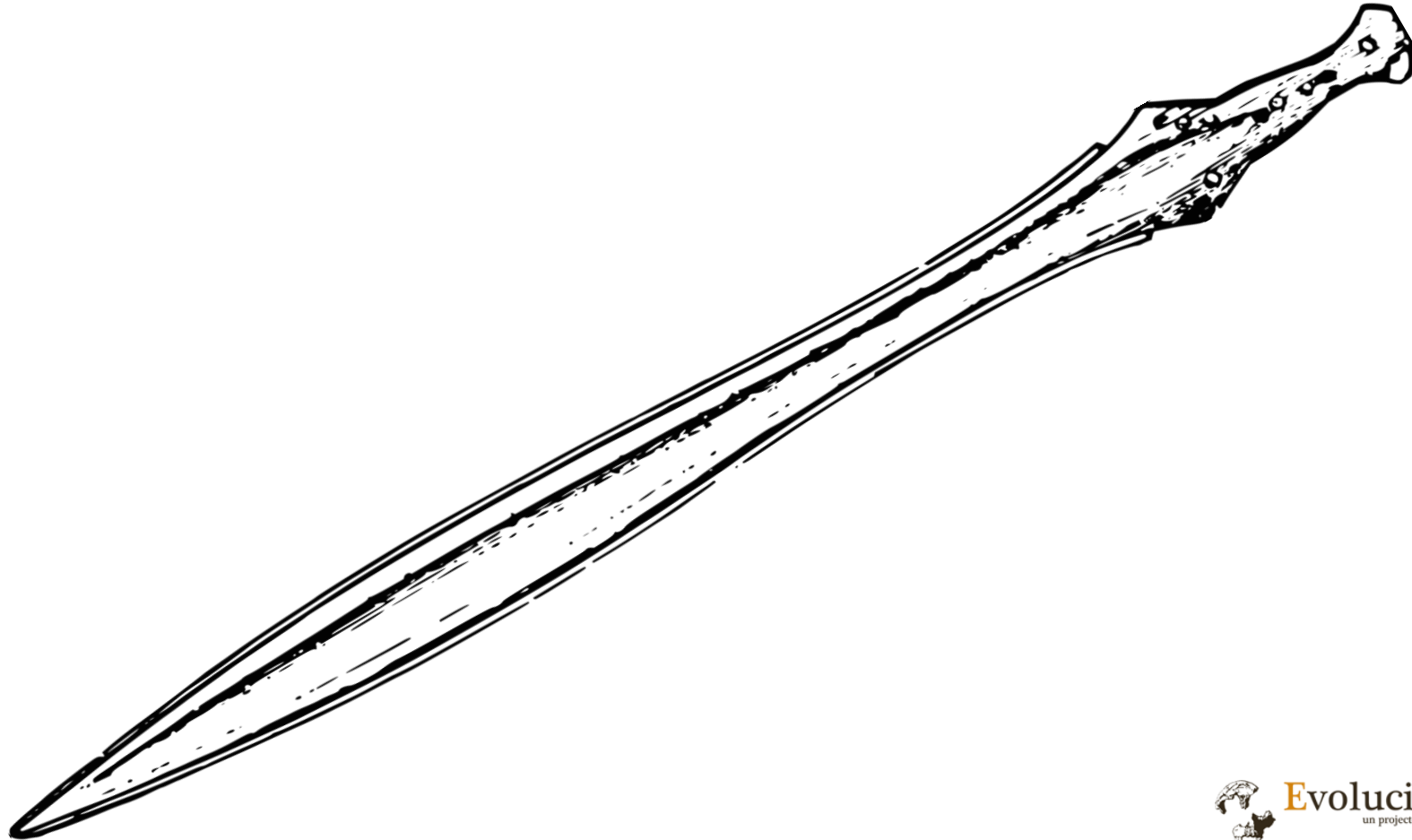


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Iron Sword

Archaeologist

Iron Age (3,200 to 2,900
years ago)

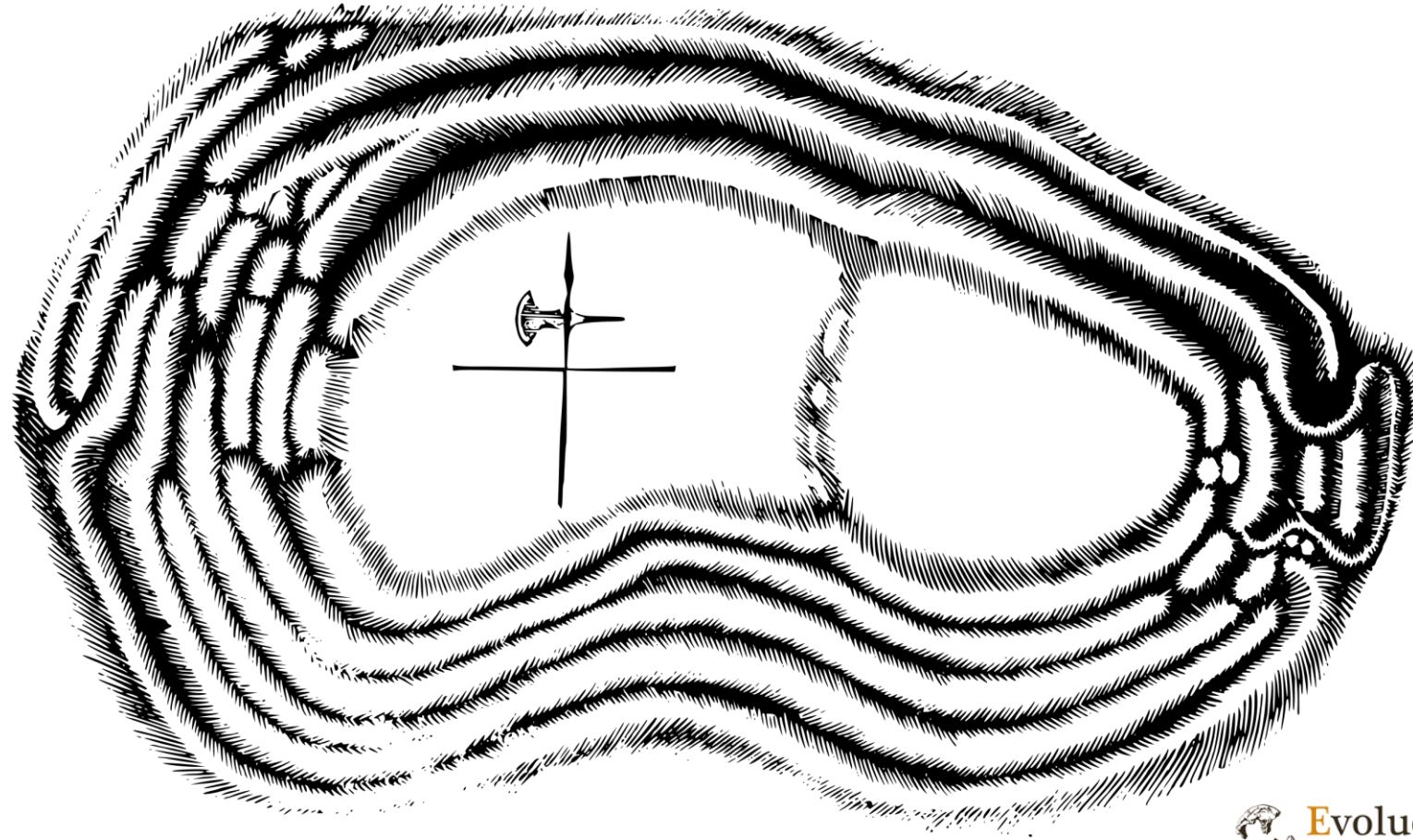


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Castro (fortified village)

Archaeologist

Iron Age (3,200 to 2,900
years ago)



Idea inspirada en las actividades de Creswell Crags Archaeological Park

