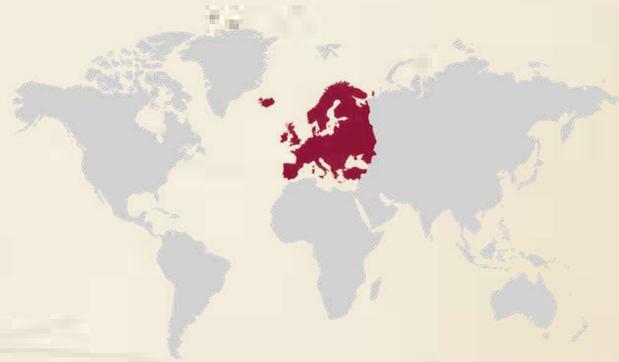
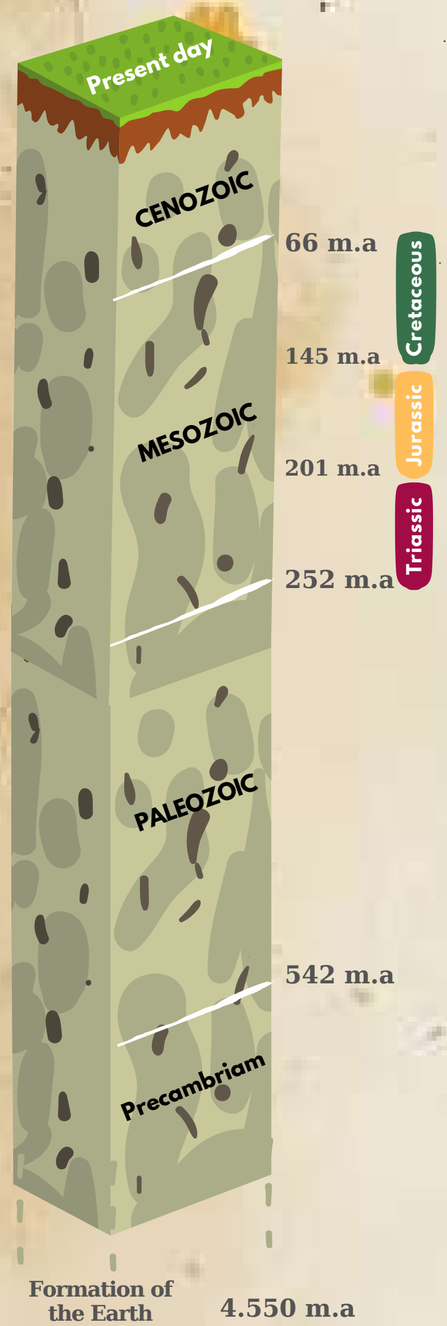
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FROM LILIENSTERN

THEROPOD

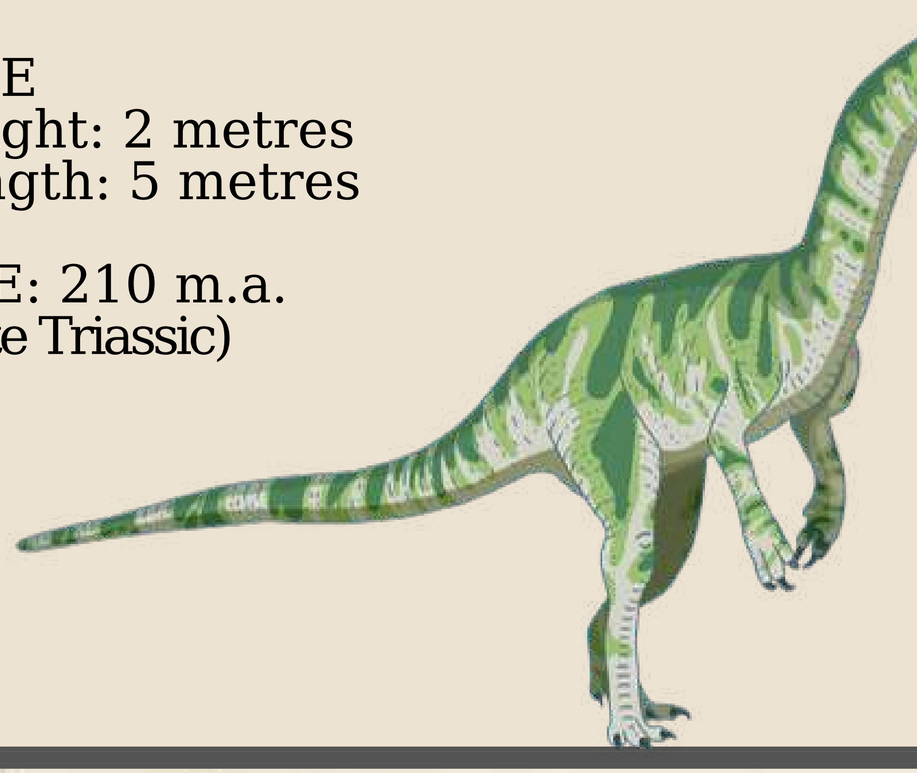




Triassic | Jurassic | Cretaceous

SIZE
Height: 2 metres
Length: 5 metres

AGE: 210 m.a.
(Late Triassic)



They were theropod dinosaurs, bipedal and with the typical carnivorous teeth.

It is the best-represented Triassic theropod in Europe.

Ilustración: María Pinta

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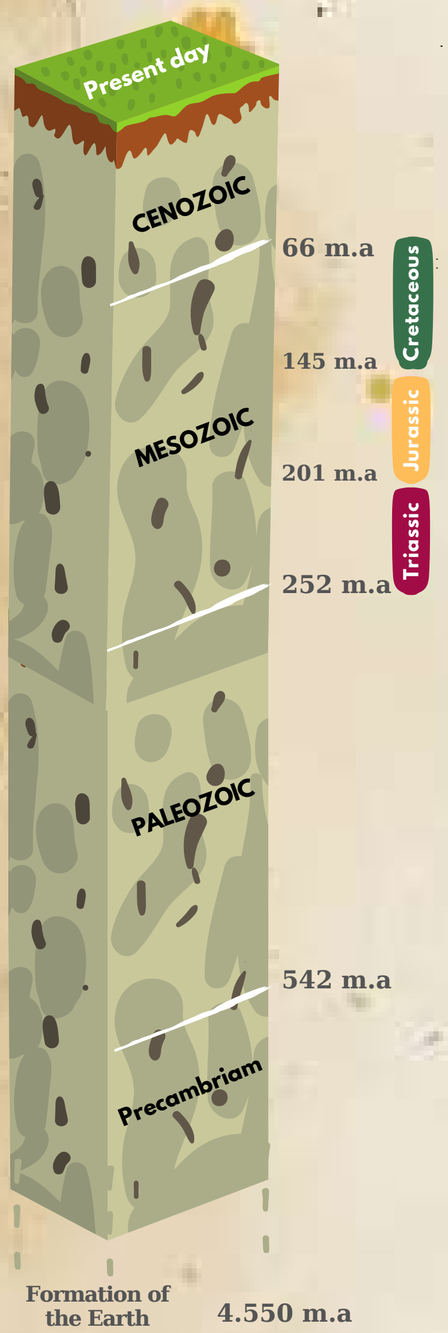
Principáu d'Asturies

MUJA

EORAPTOR

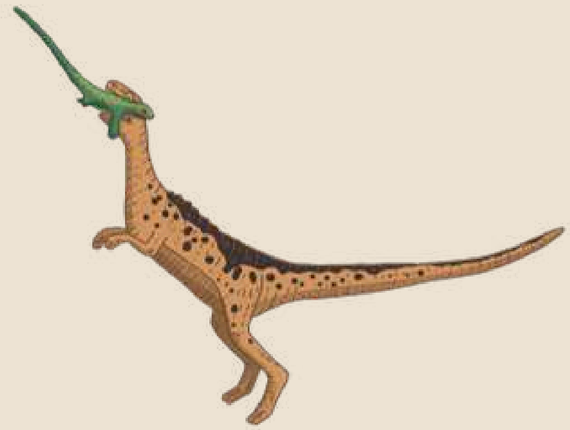
DAWN THIEF

SAUROPODOMORPH





Triassic | Jurassic | Cretaceous



SIZE
Height: 0.3 metres
Length: 1 meter

AGE: 231-228 m.a.
(Late Triassic)

It is a sauropodomorph dinosaur. Despite its appearance as a carnivorous dinosaur, it is more closely related to sauropods than to theropods.

It had an omnivorous dentition that reflected a carnivorous and plant-based diet. It is one of the oldest known dinosaurs, along with Buriolestes and Herrerasaurus.

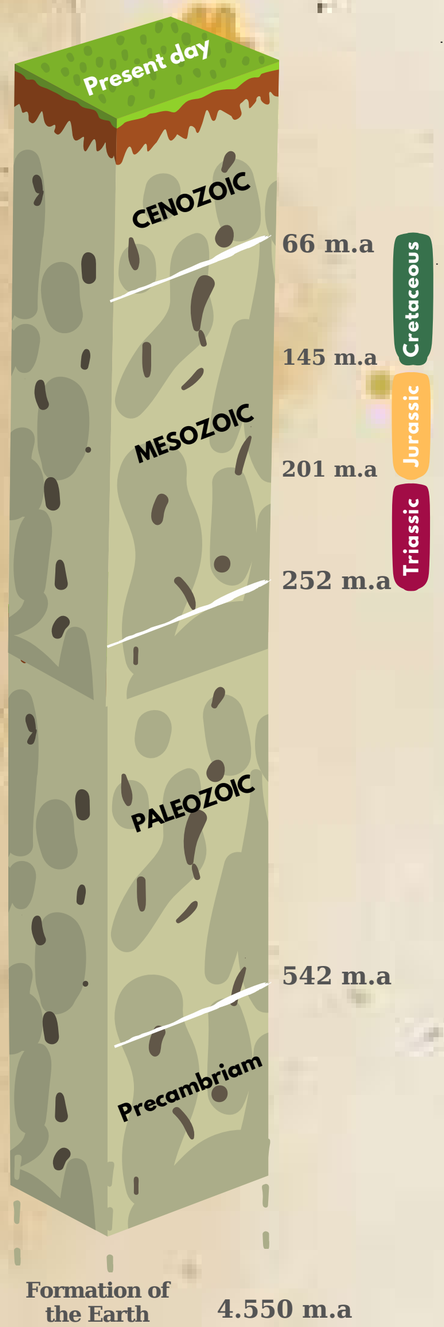
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BURIOLESTES

BURIOL'S THIEF

SAUROPODOMORPH





Triassic | Jurassic | Cretaceous



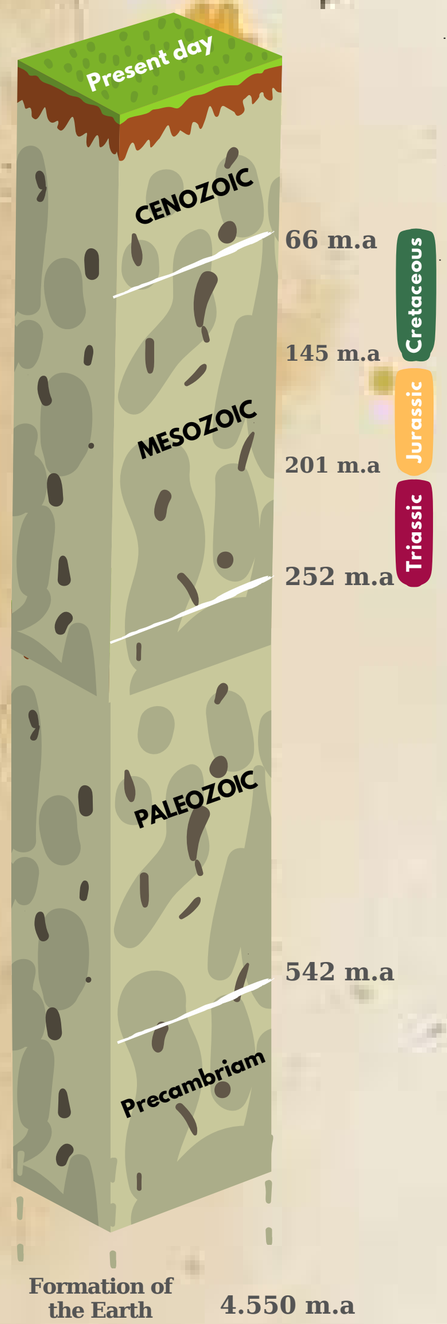
Ilustración: María Pinta

SIZE
Height: 0.5 metres
Length: 1.5 metres

AGE: 237-228 m.a.
(Late Triassic)

Sauropodomorph dinosaur. Like Eoraptor, it is more closely related to sauropods than to theropods. The grasping shape of its hands and feet, as well as its dentition, indicate a carnivorous diet based on small vertebrates and invertebrates.

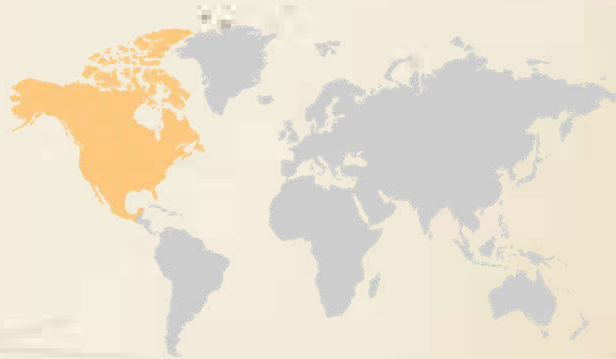
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DIPLODOCUS

DOUBLE BEAM

SAUROPOD



Triassic | **Jurassic** | Cretaceous

SIZE
Height: 4 metres
Length: 25 metres

It had a long whip-shaped tail, which it could use for defense and to counterbalance the weight of its neck.

AGE: 156-145 m.a.
(Late Jurassic)

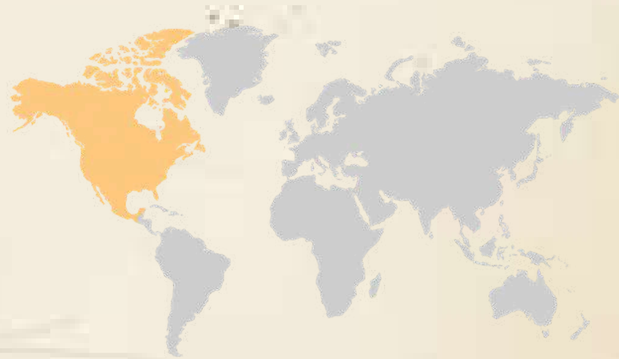
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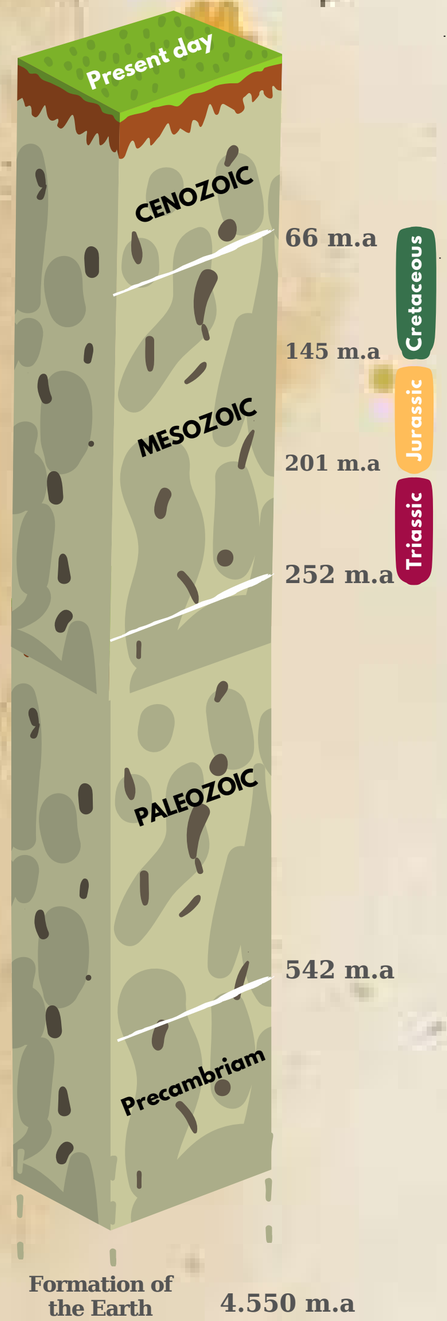
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BRACHIOSAURUS

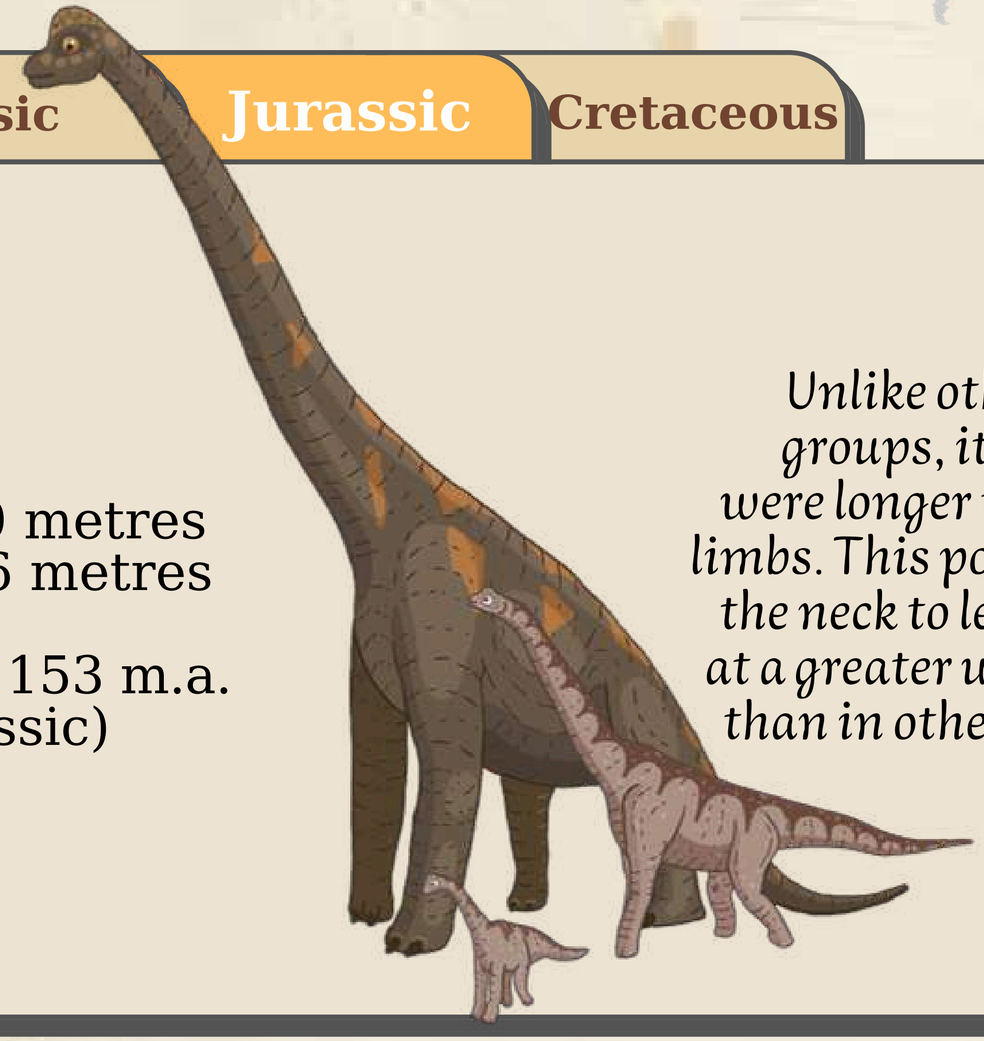
ARM LIZARD

SAUROPOD





Triassic | **Jurassic** | Cretaceous



SIZE
Height: 10 metres
Length: 26 metres

AGE:154 - 153 m.a.
(Late Jurassic)

Unlike other sauropod groups, its front limbs were longer than its hind limbs. This posture caused the neck to leave the body at a greater upward angle than in other sauropods.

Ilustración: María Pinta

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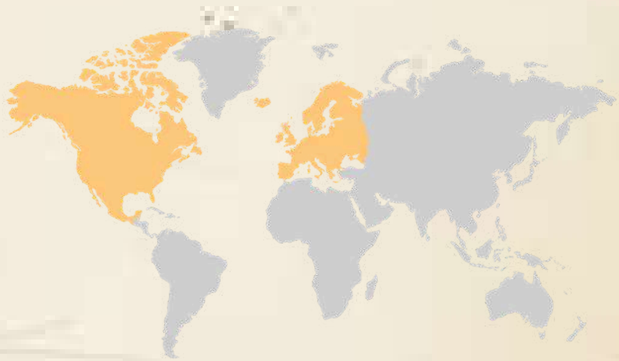
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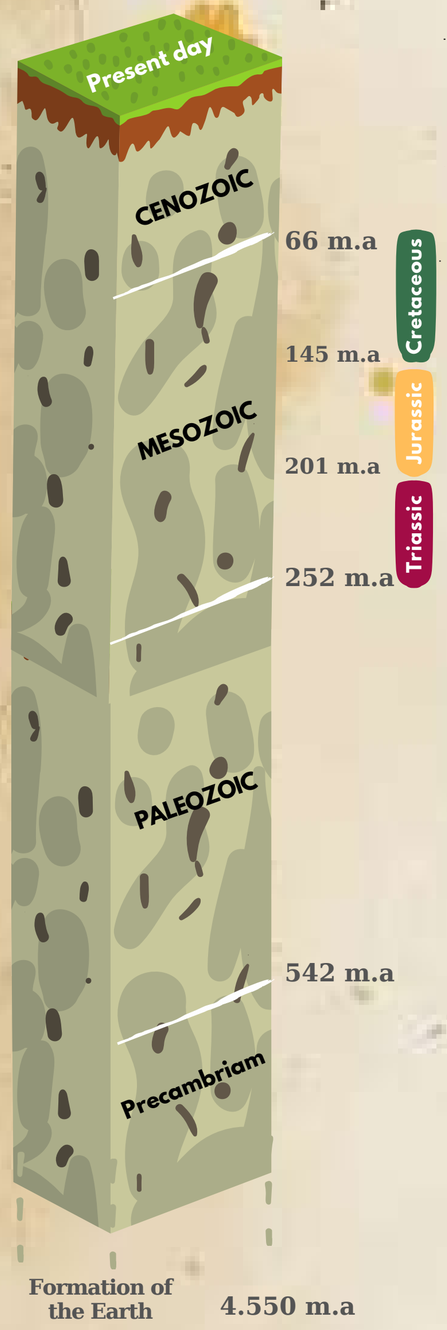
MUJA

ALLOSAURUS

STRANGE LIZARD

THEROPOD





Triassic | **Jurassic** | Cretaceous

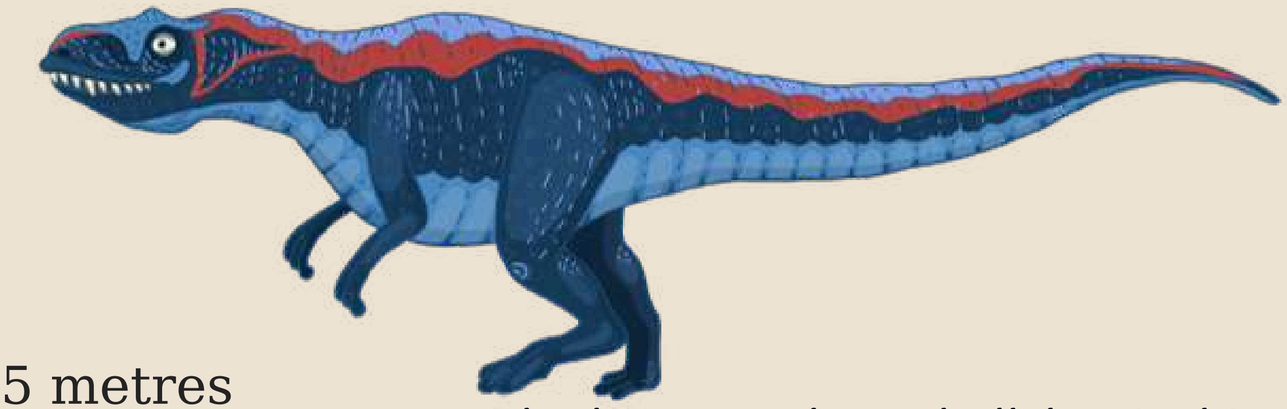


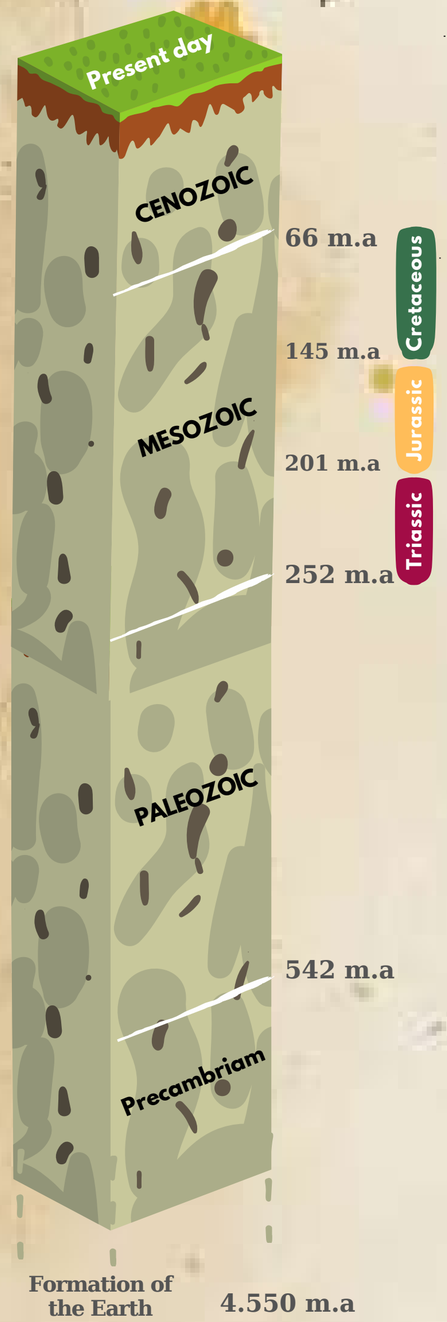
Ilustración: María Pinta

SIZE
Height: 3.5 metres
Length: 10 metres

AGE: 161-145 m.a.
(Late Jurassic)

It had a very robust skull, but its bite was not very powerful. It had two irregular bony crests above and in front of its eyes.

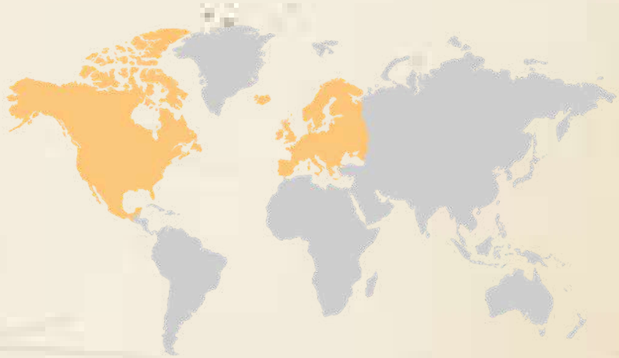
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STEGOSAURUS

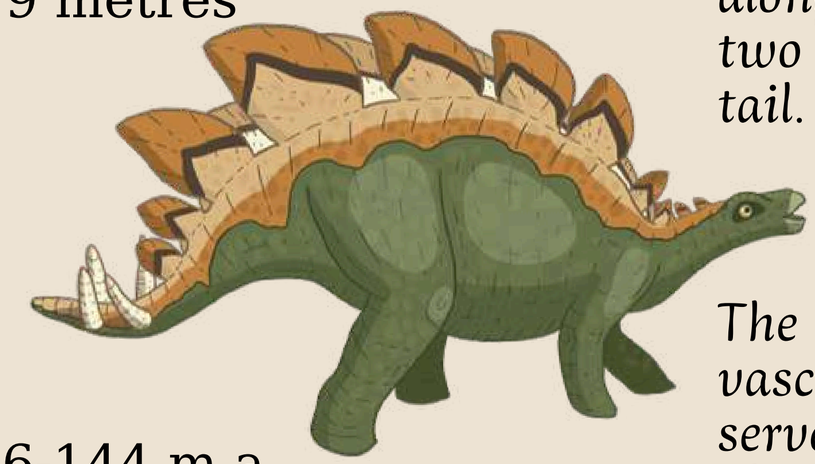
COVERED LIZARD

THYREOPHORE



Triassic | **Jurassic** | Cretaceous

SIZE
Height: 4 metres
Length: 9 metres



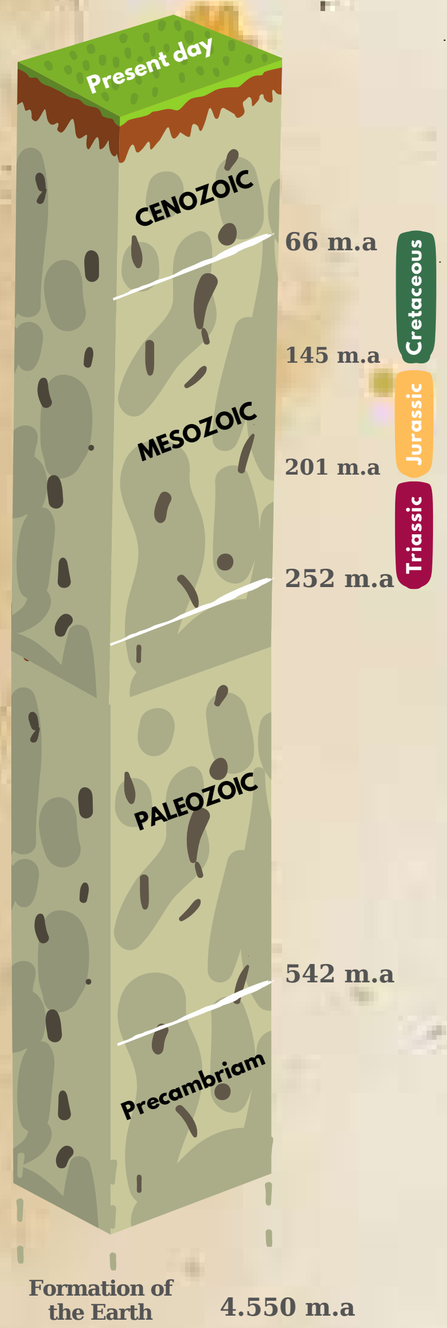
AGE: 156-144 m.a.
(Late Jurassic)

It is characterized by the double row of bony plates along its spine and by the two pairs of spikes on its tail.

The plates were vascularized and may have served for display or identification, while the spikes were defensive.

Ilustración: María Pinta

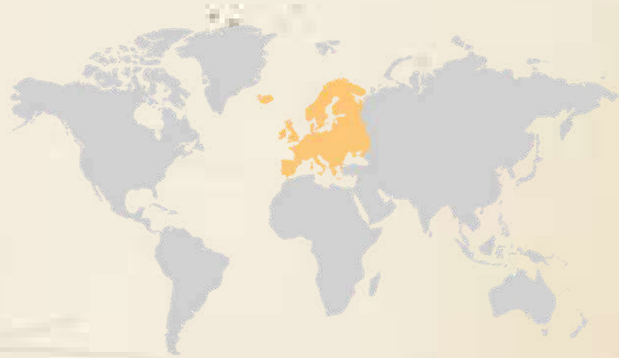
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DACENTRURUS

VERY SPIKY TAIL

THYREOPHORE



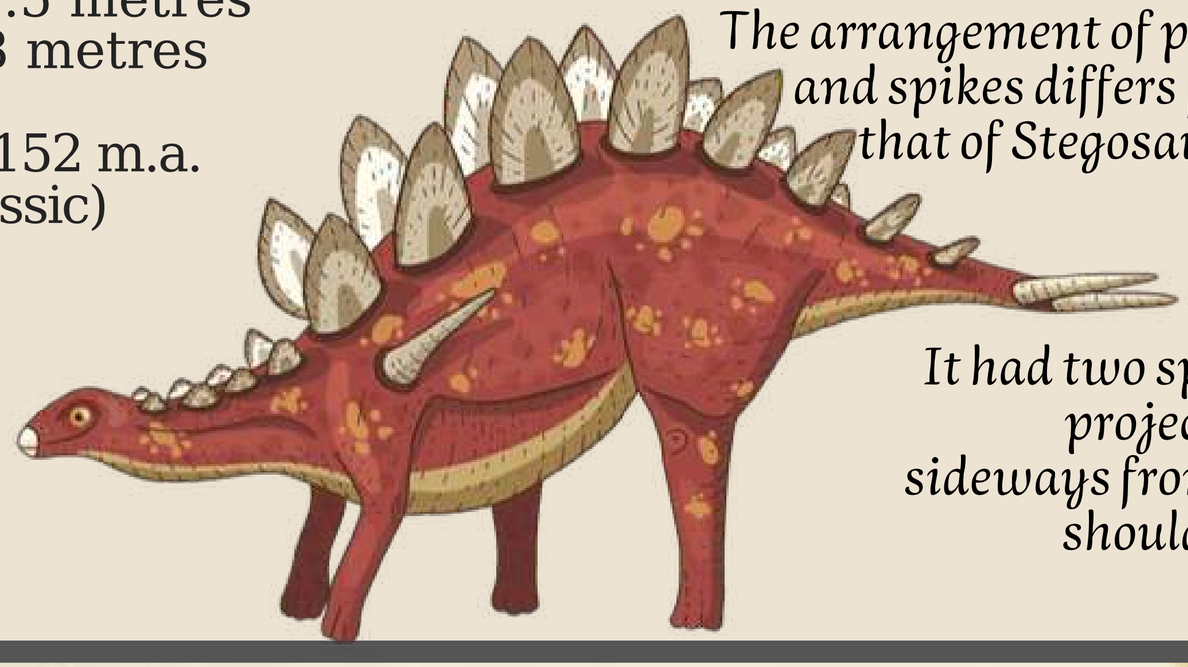
Triassic | **Jurassic** | Cretaceous

SIZE
Height: 3.5 metres
Length: 8 metres

AGE:157-152 m.a.
(Late Jurassic)

It was the first stegosaur discovered.

The arrangement of plates and spikes differs from that of Stegosaurus.



It had two spikes projecting sideways from its shoulders.

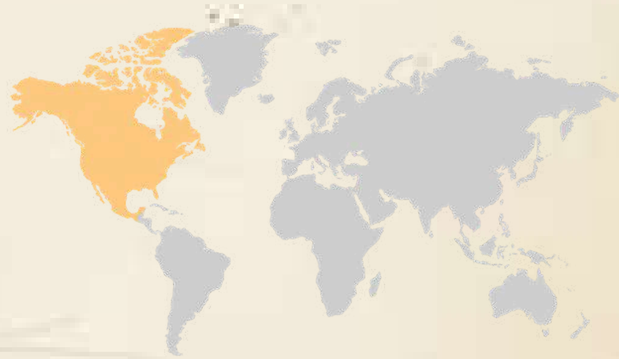
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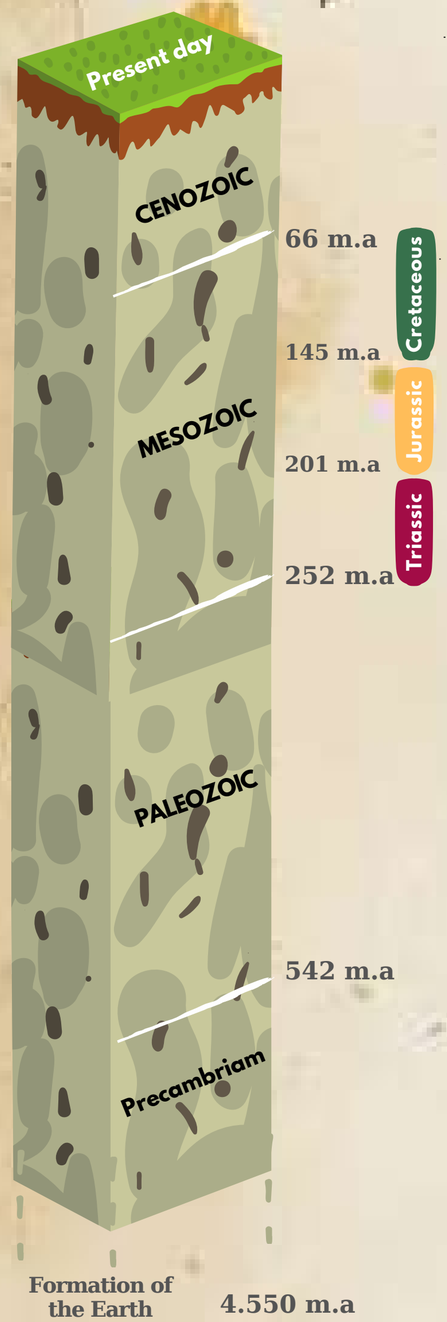
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CAMPTOSAURUS

FLEXIBLE REPTILE

ORNITHOPOD





Triassic | **Jurassic** | Cretaceous

It is a dinosaur belonging to the ornithopod group. At the front of the skull it had a pointed, toothless beak, while the teeth were located at the back of the mouth.

SIZE
Height: 2 metres
Length: 7 metres

AGE: 160-145 m.a.
(Late Jurassic)



Ilustración: María Pinta

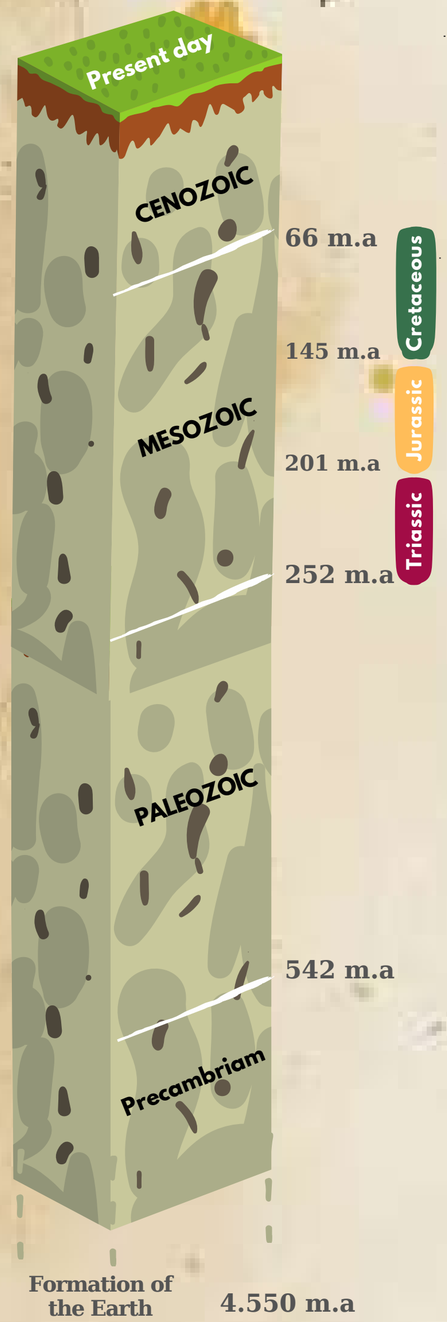
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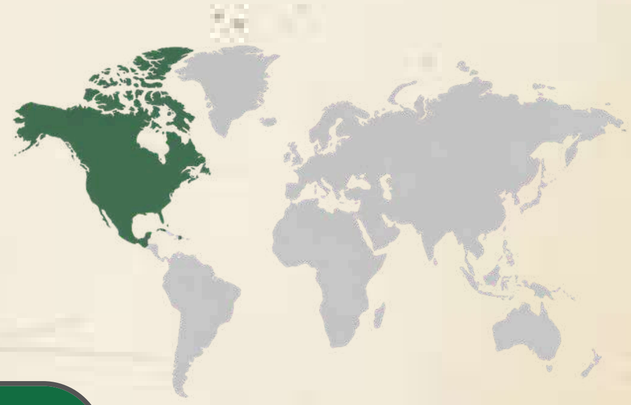
MUJA



PTERANODON

TOOTHLESS WINGED REPTILE

FLYING REPTILE

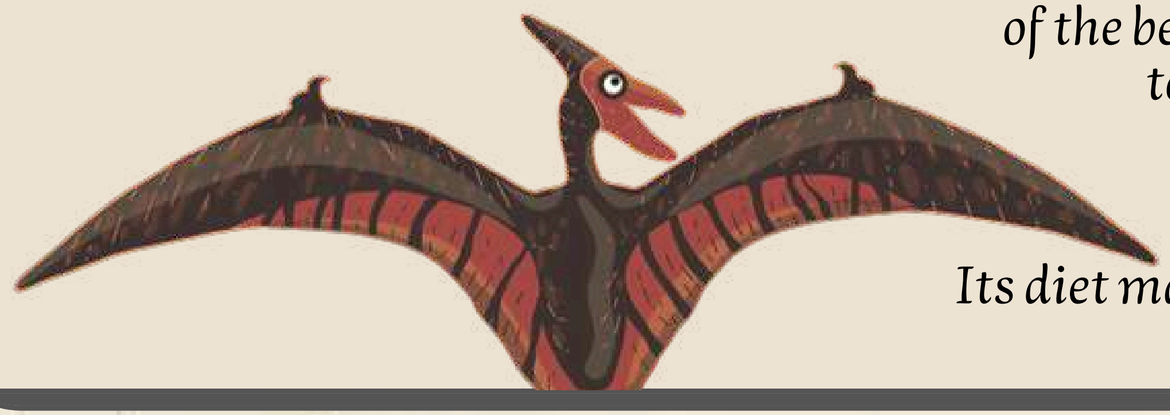


Triassic | Jurassic | **Cretaceous**

SIZE
Wingspan: 7 metres

AGE:
Late Cretaceous

It was a flying reptile. It had a large crest at the back of the skull, probably related to sexual display, although some suggest it was used to counterbalance the weight of the beak, in this case toothless.



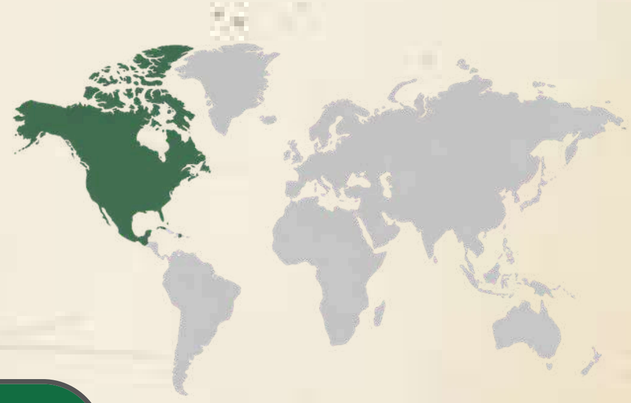
Its diet mainly consisted of fish.

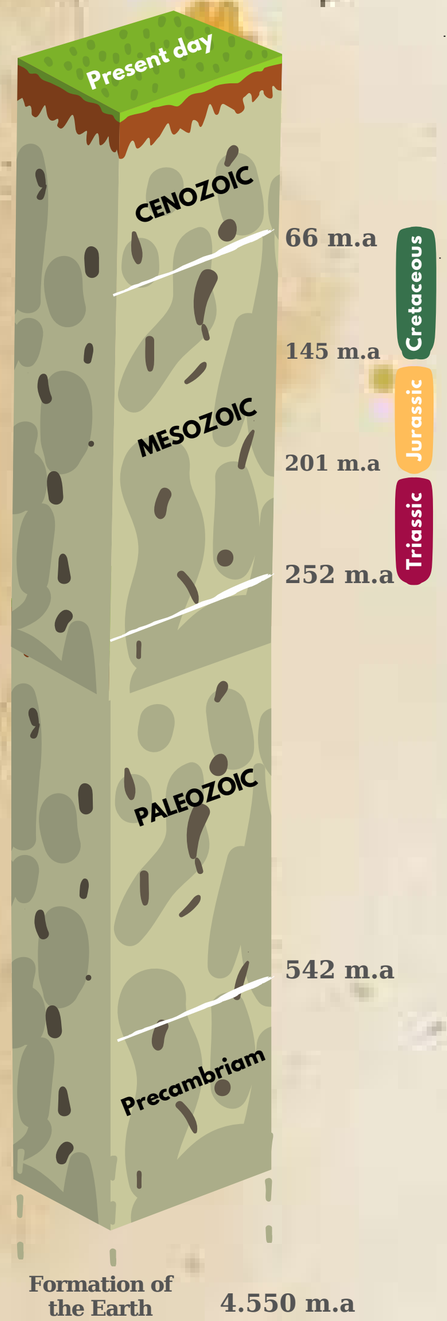
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EUOPLOCEPHALUS

WELL-ARMORED HEAD
THYREOPHORE





Triassic | **Jurassic** | **Cretaceous**

SIZE
Height: 2 metres
Length: 7 metres

AGE: 76’5-75’4 m.a.
(Late Cretaceous)

Both the upper part of its body and its neck and head were covered with plates and spikes, including on its eyelids.

It also had numerous conic osteoderms and spikes on different parts of its body.



Its tail was armed with a large bony club at the end.

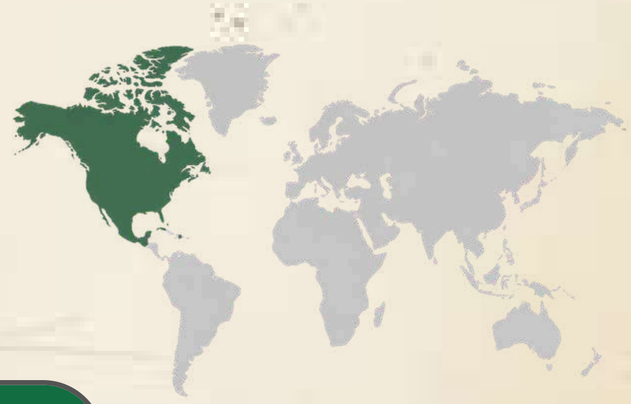
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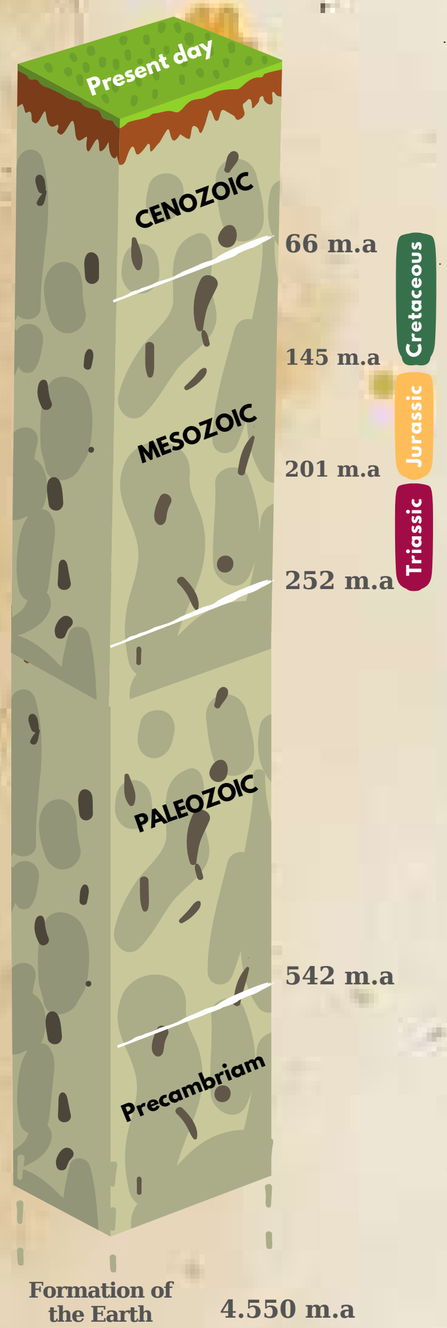
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TRICERATOPS

THREE-HORNED FACE

THYREOPHORE





Triassic | **Jurassic** | **Cretaceous**

SIZE
Height: 3 metres
Length: 8–9 metres

AGE: 68-66 m.a.
(Late Cretaceous)



The eggs of dinosaurs, in general, are rounded, unlike those of carnivorous dinosaurs, which are usually elongated.

It had a large bony frill that protected its neck. Its horns over the eyes could reach one meter in length.

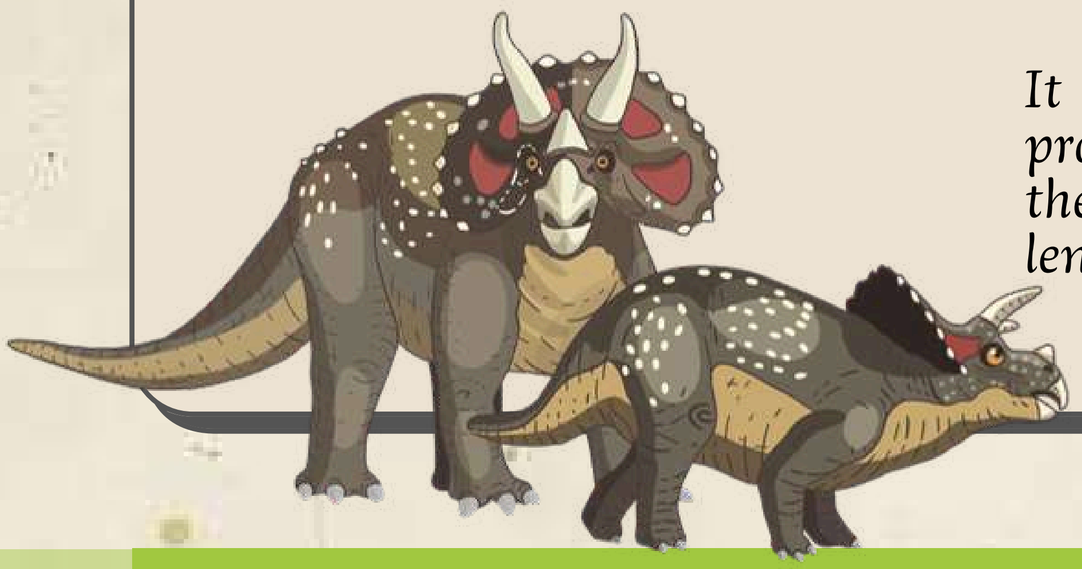


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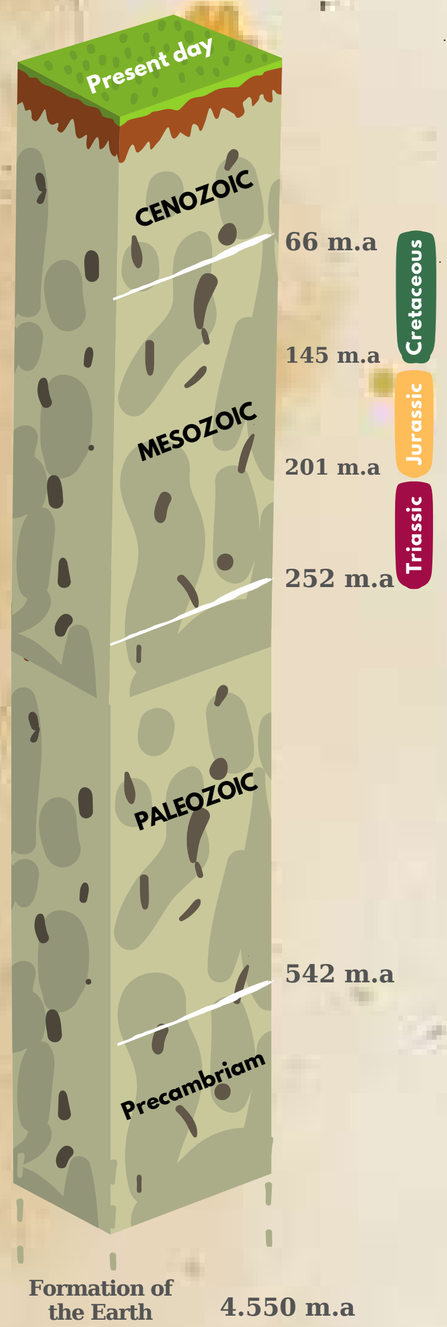
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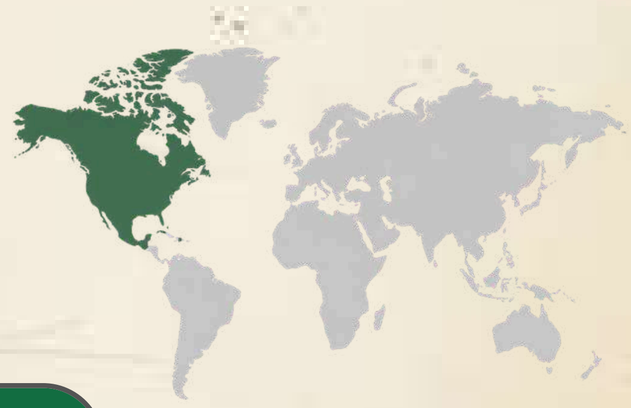
MUJA



PARASAUROLOPHUS

CRESTED LIZARD

HADROSAURID ORNITHOPODS



Triassic | Jurassic | **Cretaceous**

SIZE
Height: 3 metres
Length: 10 metres

AGE: 76’5-73 m.a.
(Late Cretaceous)

It is characterized by the large crest at the back of the skull. Inside it there was a system of tubes that connected with the nasal passages. Among the theories about its function are visual and sound communication.



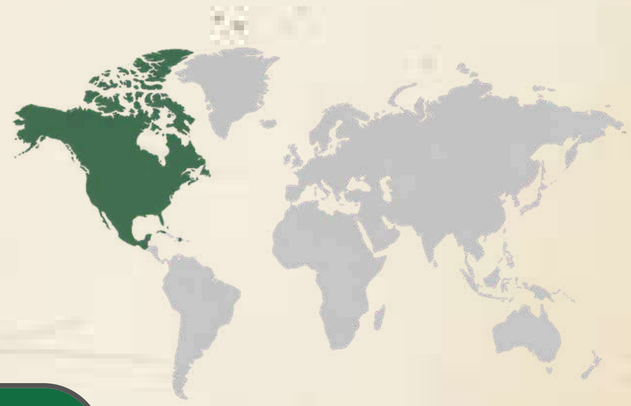
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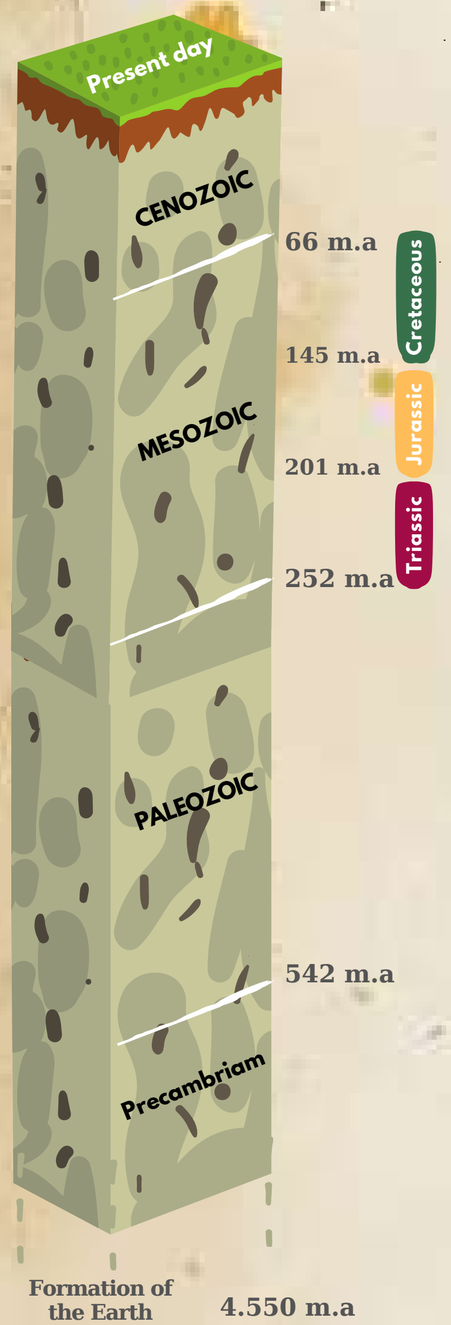
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PACHYCEPHALOSAURUS

THICK-HEADED LIZARD

MARGINOCEPHALIC

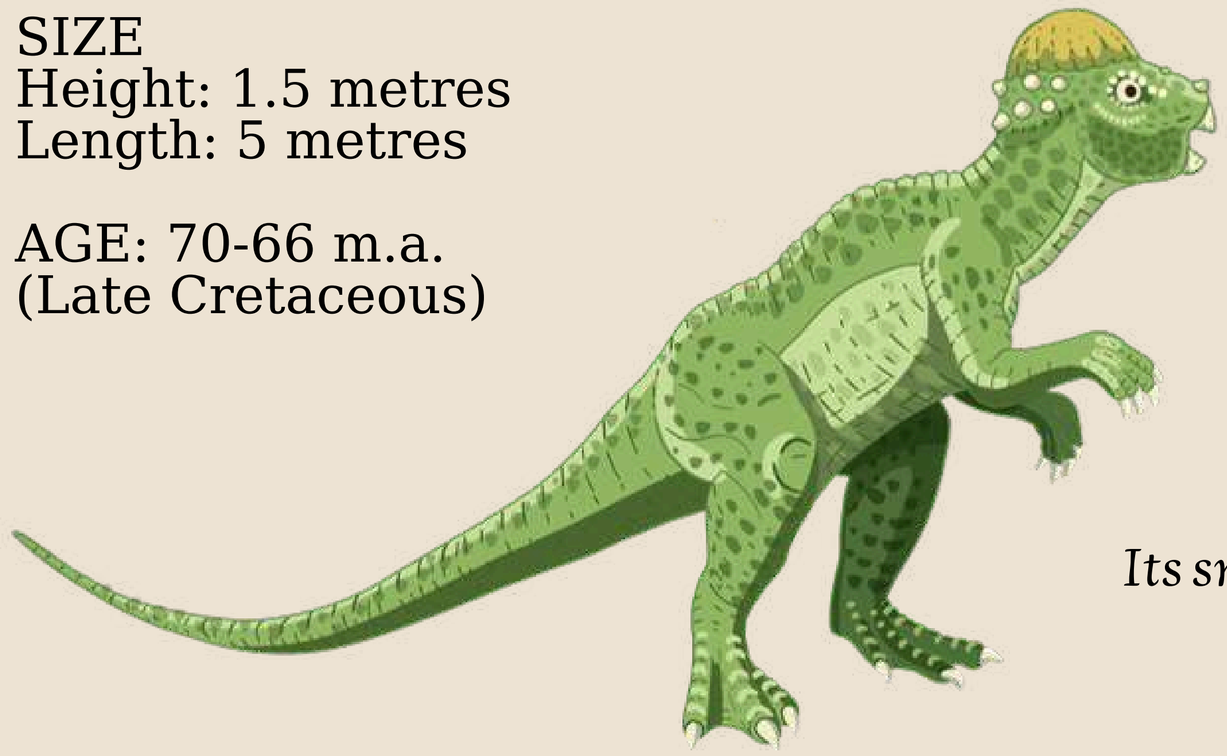




Triassic | Jurassic | **Cretaceous**

SIZE
Height: 1.5 metres
Length: 5 metres

AGE: 70-66 m.a.
(Late Cretaceous)

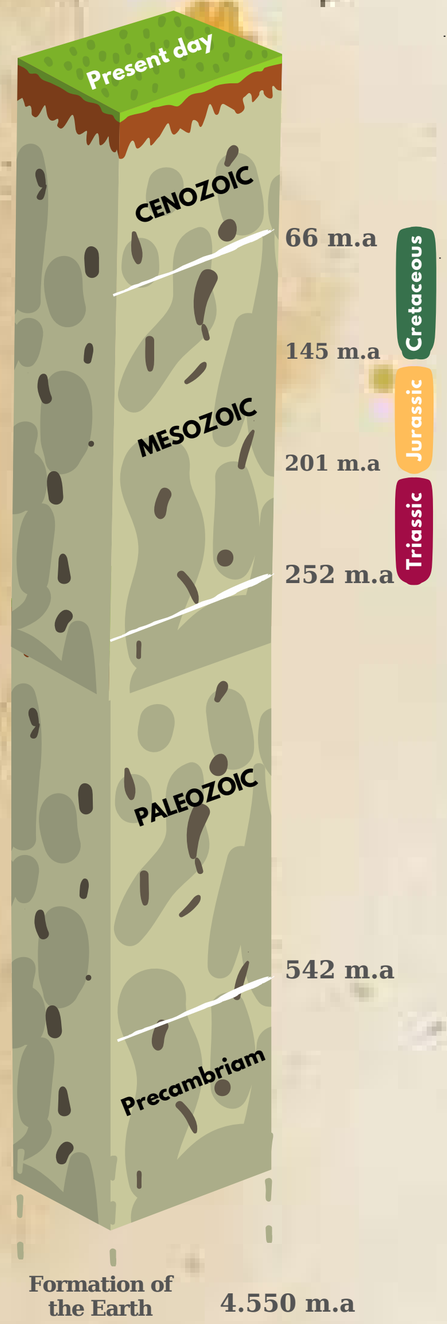


The skull dome reached 25 centimetres thick and was surrounded by nodules and spikes.

Its snout ended in a small beak.

Ilustración: María Pinta

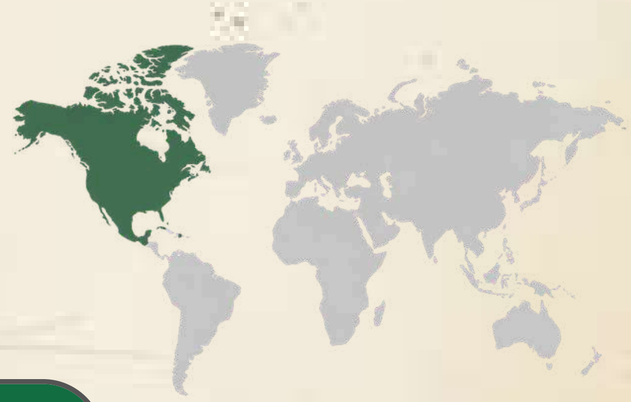
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TYRANNOSAURUS

TYRANT LIZARD

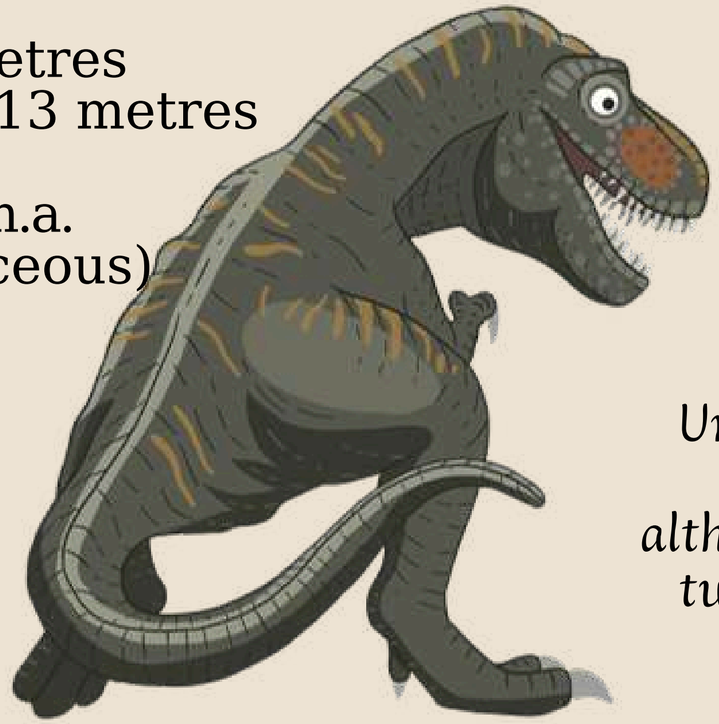
THEROPOD



Triassic | Jurassic | **Cretaceous**

SIZE
Height: 4 metres
Length: 12–13 metres

AGE: 68-66 m.a.
(Late Cretaceous)



It had one of the most powerful bites among dinosaurs with the biggest teeth of all carnivorous dinosaurs (over 30 cm wide)

Unlike most theropods, it had very short arms, although strong, with only two fingers on its hands.

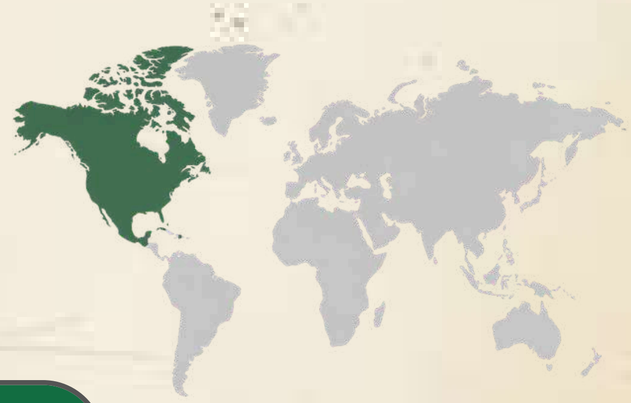
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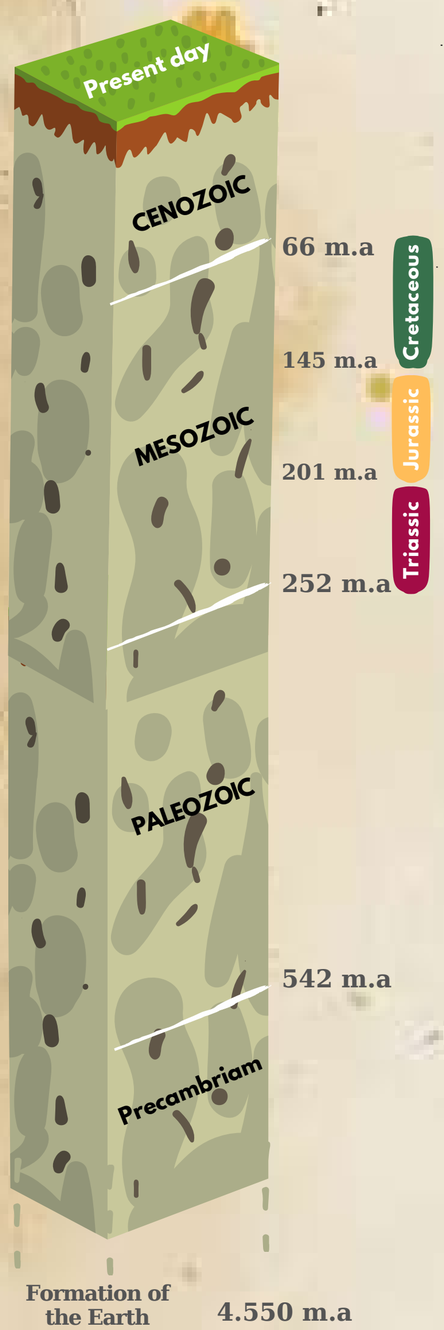
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TYRANNOSAURUS

TYRANT LIZARD

THEROPOD





Triassic | Jurassic | **Cretaceous**

SIZE
Height: 4 metres
Length: 12–13 metres

AGE: 68-66 m.a.
(Late Cretaceous)



The shape of the eggs of carnivorous dinosaurs was more elongated than spherical. In general, if we see elongated eggs like these, we know they belonged to carnivorous dinosaurs.



At the feet of this dinosaur, we can see a nest with eggs just hatched, others hatching, some still unhatched, and some newborn offspring.

Ilustración: María Pinta

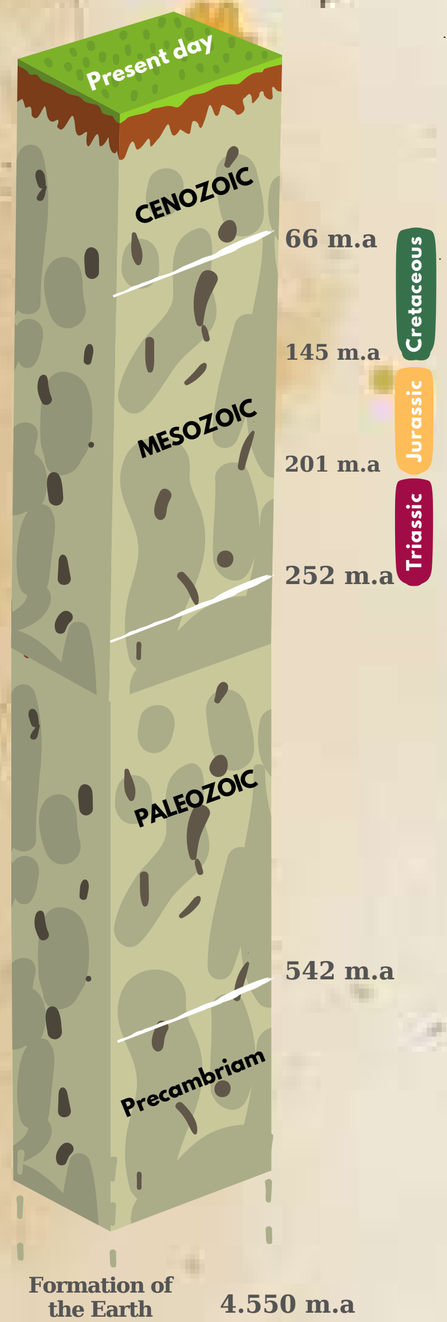
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CARNOTAURUS

MEAT-EATING BULL

THEROPOD

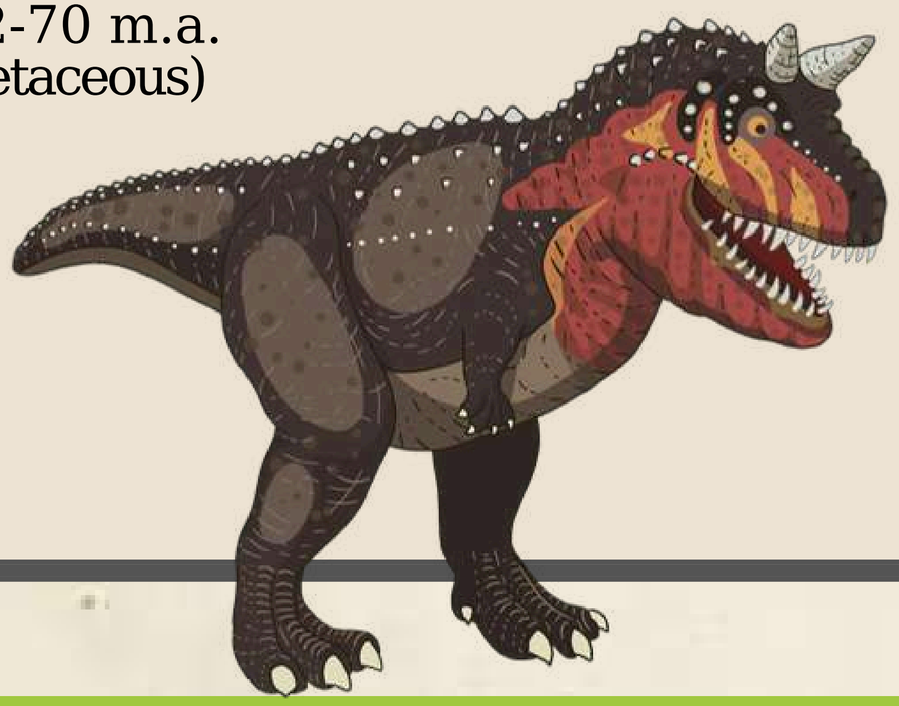




Triassic | Jurassic | **Cretaceous**

SIZE
Height: 3.5 metres
Length: 8–9 metres

AGE: 72-70 m.a.
(Late Cretaceous)



It had two small horns on its head above the eyes and four fingers on its hands, unlike most carnivorous dinosaurs, which had three.

Ilustración: María Pinta

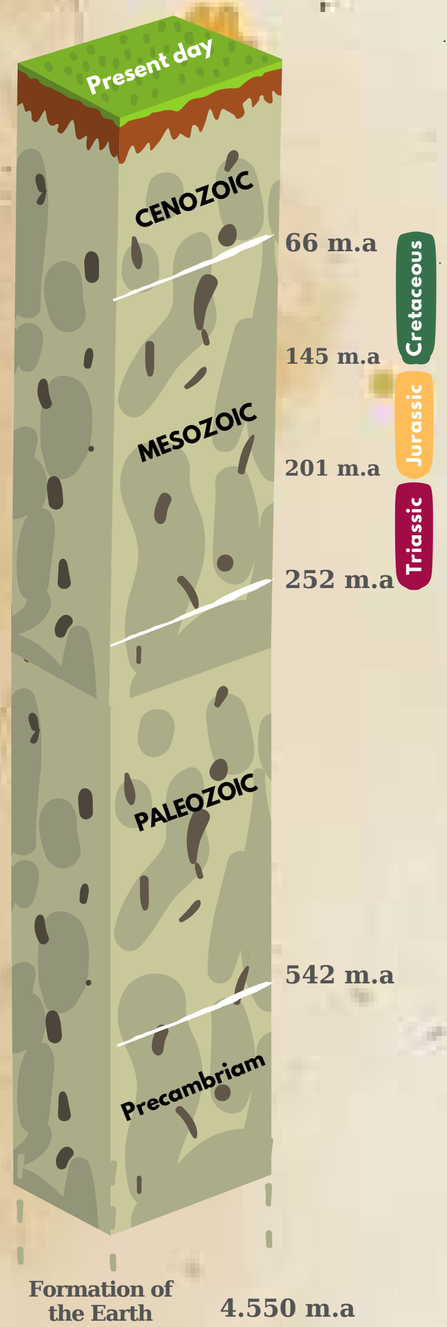
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OVIRAPTOR

EGG THIEF

THEROPOD





Triassic | Jurassic | **Cretaceous**

SIZE
Height: 0.7 metres
Length: 1.6 metres

AGE: 75 m.a.
(Late Cretaceous)

Despite its name, it is believed that it did not feed on eggs, but on mollusks, whose remains were found near the oviraptor nest.



Its name does not do it justice, since it was discovered later incubating and protecting its eggs from a sandstorm.

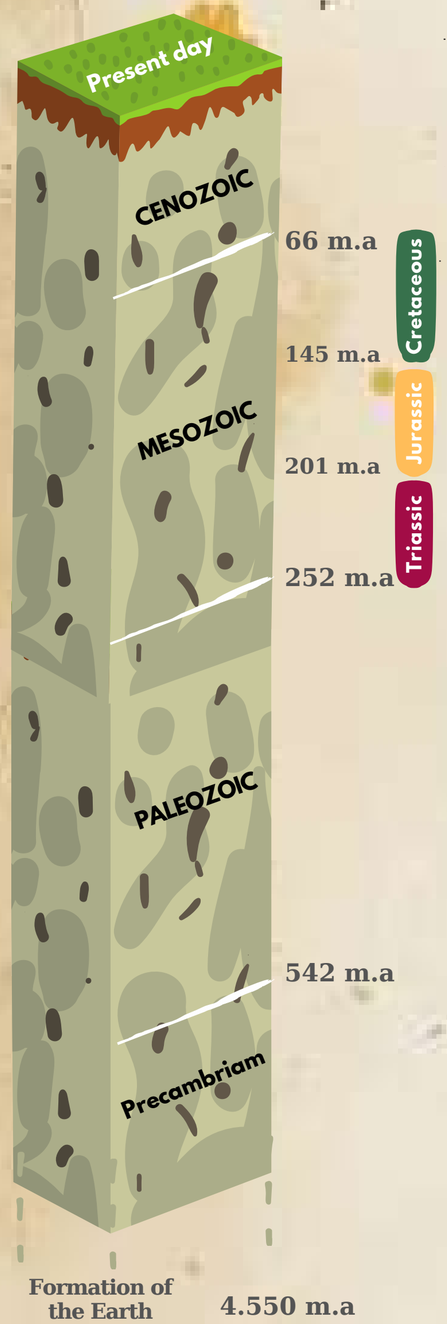
Ilustración: María Pinta

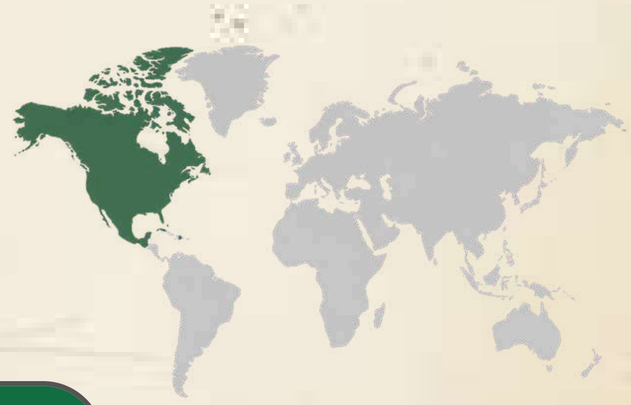
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DEINONYCHUS

TERRIBLE CLAW

THEROPOD





Triassic | Jurassic | **Cretaceous**

SIZE
Height: 1.5–1.8 metres
Length: 3.4 metres

AGE: 115-108 m.a.
(Early Cretaceous)

It was a feathered predator and very agile. Its name comes from the large sickle-shaped claw on the second toe of each foot, which could reach 12 cm in length.

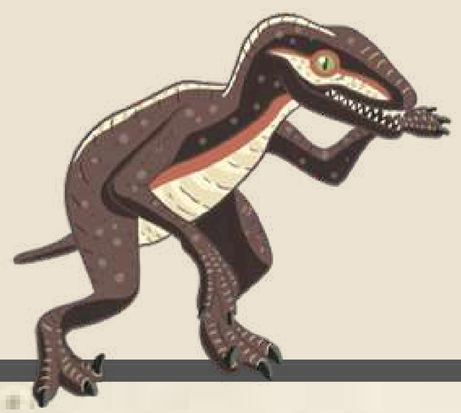
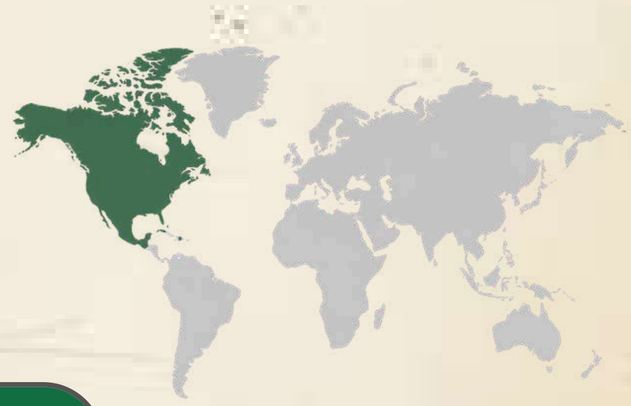


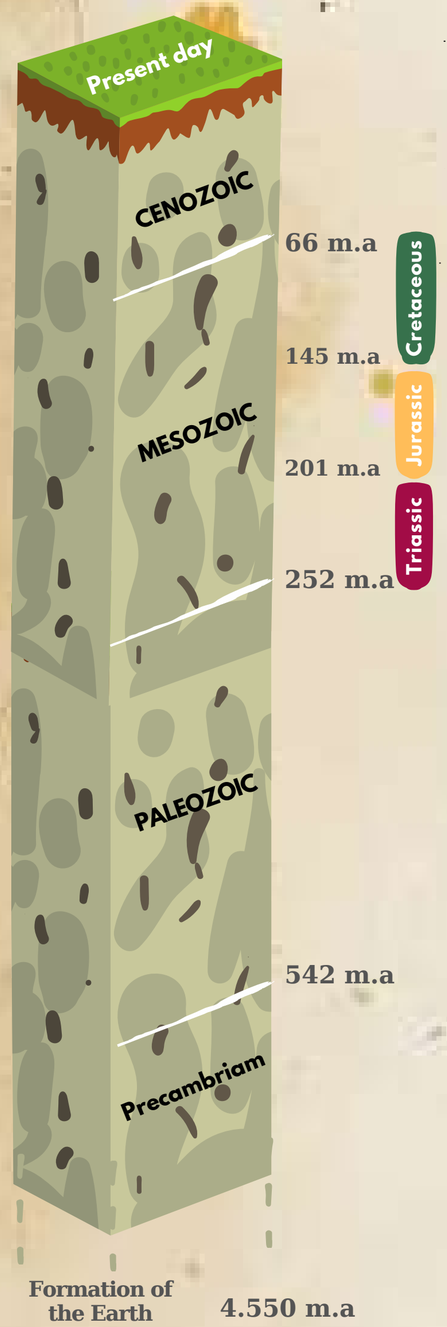


Ilustración: María Pinta

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TRICERATOPS SKULL





Triassic | Jurassic | **Cretaceous**

The skull of Triceratops is one of the largest known among terrestrial animals, reaching more than 2 metres in length. Its three horns and the large bony frill protecting the neck were used for defence, display, and possibly for recognition among individuals of the same species.

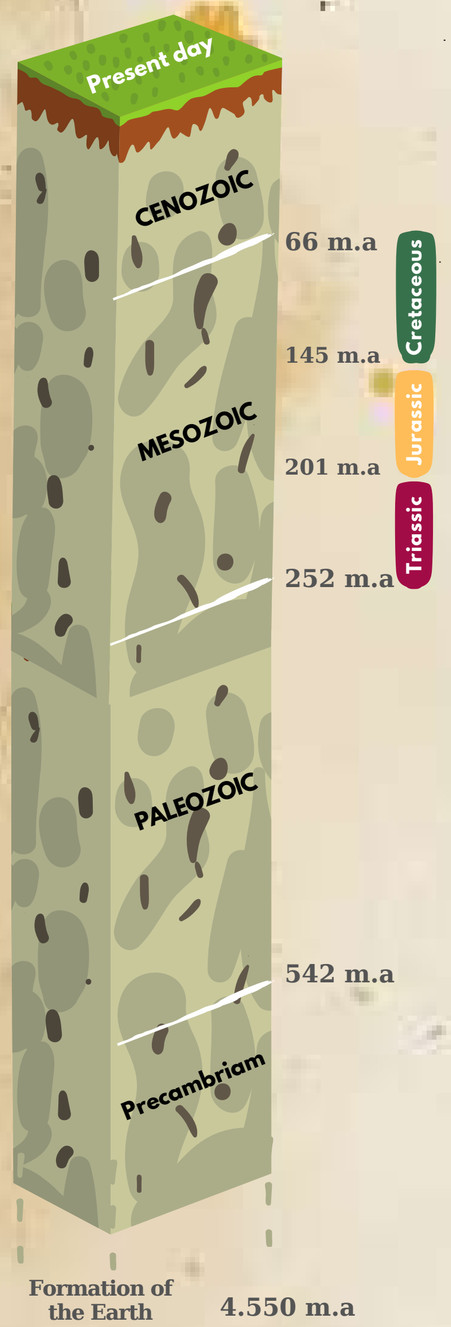
Here you can see a replica of a Triceratops skull fossil. Did you know that fossils are classified as direct or indirect fossils?

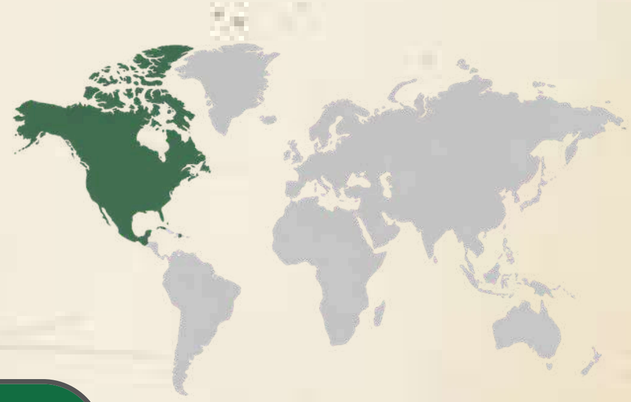
Direct fossil: a preserved part of a living organism's body, such as bones or teeth.
Indirect fossil: evidence of an organism's activity, such as footprints, nests, or coprolites.

Ilustración: María Pinta

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TYRANNOSAURUS FOOT





Triassic | Jurassic | **Cretaceous**

The hind limbs of Tyrannosaurus rex were strong and muscular, adapted to support a body weighing up to 8 tonnes. Its feet ended in three functional toes with sharp claws, and each footprint could exceed 50 centimetres in length.

Does it remind you of any alive animal today? The shape of this foot is very similar to that of a chicken. This is no coincidence: birds are the direct descendants of dinosaurs and are the only group of dinosaurs that has survived to the present day.

Ilustración: María Pinta

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