

T. rex

Tyrannosaurus rex

Lived: Late Cretaceous, 68–66 million years ago
Diet: Carnivore
Length: 12–13 m (39–43 ft)
Weight: 8.4–9.2 tonnes (9.3–10 tons)
Found in: Western North America

With large forward-facing eyes set in a broad skull, Tyrannosaurus rex may have had a binocular field of view estimated at about 55 degrees — wider than a modern hawk's — giving it excellent depth perception.



Spinosaurus

Spinosaurus aegyptiacus

Lived: Late Cretaceous, 99–93.5 million years ago
Diet: Carnivore
Length: about 14 m (46 ft)
Weight: about 7.4 tonnes (8.2 tons)
Found in: North Africa

One of the strangest dinosaurs ever found, Spinosaurus carried a towering skin sail along its spine and a long, crocodile-like snout built for snatching fish.



Giganotosaurus

Giganotosaurus carolinii

Lived: Late Cretaceous, 99.6–97 million years ago
Diet: Carnivore
Length: 12–13 m (39–43 ft)
Weight: 6.5–8.2 tonnes (7.2–9 tons)
Found in: South America

Giganotosaurus was one of the largest meat-eating dinosaurs ever found — reaching up to about 13 meters, slightly longer than Tyrannosaurus rex, though more lightly built.



Carcharodontosaurus

Carcharodontosaurus saharicus

Lived: Late Cretaceous, 99–94 million years ago
Diet: Carnivore
Length: 12–12.5 m (39–41 ft)
Weight: 5–7 tonnes (5.5–7.7 tons)
Found in: North Africa

Carcharodontosaurus — its name means 'shark-toothed lizard' — had an enormous skull, an estimated 1.6 meters long when complete, lined with long, serrated, blade-like teeth and ranking among the largest skulls of any known meat-eating dinosaur.



Allosaurus

Allosaurus fragilis

Lived: Late Jurassic, 155–145 million years ago
Diet: Carnivore
Length: 7–9 m (23–30 ft)
Weight: 1.7–2.7 tonnes (1.9–3 tons)
Found in: North America

Allosaurus was the dominant predator of the Late Jurassic Morrison floodplains — a large bipedal hunter with small brow hornlets and three-clawed hands, unlike the two-fingered tyrannosaurs that came later.



Acrocanthosaurus

Acrocanthosaurus atokensis

Lived: Early Cretaceous, 121–100 million years ago
Diet: Carnivore
Length: 11–11.5 m (36–38 ft)
Weight: 4.4–8.4 tonnes (4.9–9.3 tons)
Found in: North America

Acrocanthosaurus means 'high-spined lizard.' Tall bony spines rose from its neck, back and hips, up to about two and a half times the height of the vertebrae beneath them, and most likely held up a low ridge of muscle along the body.



Tarbosaurus

Tarbosaurus bataar

Lived: Late Cretaceous, 70 million years ago
Diet: Carnivore
Length: 10–12 m (33–39 ft)
Weight: 4.5–5 tonnes (5–5.5 tons)
Found in: Asia

Tarbosaurus was the Asian counterpart of Tyrannosaurus rex — a deep-skulled tyrannosaur up to about 10 metres long, with thick teeth whose crowns reached about 11 centimetres.

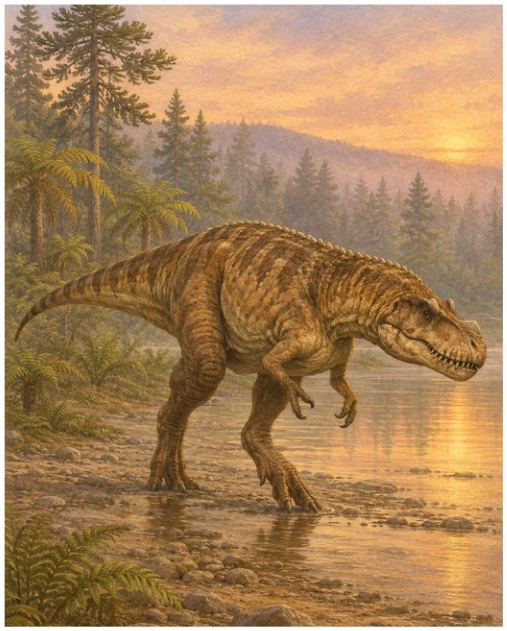


Carnotaurus

Carnotaurus sastrei

Lived: Late Cretaceous, 72–70 million years ago
Diet: Carnivore
Length: 7.5–8 m (25–26 ft)
Weight: 1.3–2.1 tonnes (1.4–2.3 tons)
Found in: South America

For its size, Carnotaurus carried the largest tail-driven leg muscles of any meat-eating dinosaur yet studied — an engine estimated at roughly 15 percent of its body weight that may have made it one of the fastest of the big predatory dinosaurs.



Ceratosaurus

Ceratosaurus nasicornis

Lived: Late Jurassic, 155–148 million years ago
Diet: Carnivore
Length: 5.3–7 m (17–23 ft)
Weight: 450–1,130 kg (992–2,491 lb)
Found in: North America

Ceratosaurus carried a prominent horn on the midline of its snout, a pair of small ridges over its eyes, and a row of small bony plates down its back.



Megalosaurus

Megalosaurus bucklandii

Lived: Middle Jurassic, 166 million years ago
Diet: Carnivore
Length: 6–8 m (20–26 ft)
Weight: 700–1,100 kg (1,543–2,425 lb)
Found in: Europe

Megalosaurus was the first dinosaur ever given a scientific name, in 1824.



Torvosaurus

Torvosaurus tanneri

Lived: Late Jurassic, 155–148 million years ago
Diet: Carnivore
Length: 9–11 m (30–36 ft)
Weight: 2–4.4 tonnes (2.2–4.9 tons)
Found in: North America

Torvosaurus means 'savage lizard,' and it was among the largest predators of the Late Jurassic.



Yangchuanosaurus

Yangchuanosaurus shangyouensis

Lived: Late Jurassic, 161–157 million years ago
Diet: Carnivore
Length: 8–10.8 m (26–35 ft)
Weight: about 3.4 tonnes (3.7 tons)
Found in: Asia

Yangchuanosaurus was the top predator of Late Jurassic Sichuan, in a world of long-necked Mamenchisaurus and plated Tuojiangosaurus.