

Pachycephalosaurus

Pachycephalosaurus wyomingensis

Lived: Late Cretaceous, 68–66 million years ago
Diet: Herbivore
Length: about 4.5 m (15 ft)
Weight: 370–450 kg (816–992 lb)
Found in: North America

Pachycephalosaurus carried the largest dome of the bone-headed dinosaurs, solid bone up to about 22 centimetres thick, ringed by knobs and spikes.



Stegoceras

Stegoceras validum

Lived: Late Cretaceous, 77.5–74 million years ago
Diet: Herbivore
Length: 2–2.5 m (6.6–8.2 ft)
Weight: 10–40 kg (22–88 lb)
Found in: North America

Stegoceras is one of the best-known dome-headed dinosaurs: a goat-sized plant-eater with a smooth, broad dome and a row of small bony horns along the back of its skull.



Prenocephale

Prenocephale prenes

Lived: Late Cretaceous, 72–66 million years ago
Diet: Herbivore
Length: 2.2–2.4 m (7.2–7.9 ft)
Weight: about 40 kg (88 lb)
Found in: Asia

Prenocephale had a rounded, sloping dome ringed at the back by a row of small bony bumps and spikes.



Homalocephale

Homalocephale calathocercos

Lived: Late Cretaceous, 72–66 million years ago
Diet: Herbivore
Length: about 1.8 m (5.9 ft)
Weight: about 40 kg (88 lb)
Found in: Asia

Homalocephale, 'even head,' had a flat, wedge-shaped skull roof instead of a dome, though the bone was still thickened.



Sphaerotholus

Sphaerotholus goodwini

Lived: Late Cretaceous, 75–66 million years ago
Diet: Herbivore
Length: about 2 m (6.6 ft)
Weight: about 40 kg (88 lb)
Found in: North America

Sphaerotholus means 'ball dome,' and its skull roof was a rounded, ball-like dome edged by a single row of bony nodes.

Bone-Headed Dinosaurs, card 5 of 12



Colepiocephale

Colepiocephale lambei

Lived: Late Cretaceous, 80–78 million years ago
Diet: Herbivore
Length: 1.5–2 m (4.9–6.6 ft)
Weight: 10–40 kg (22–88 lb)
Found in: North America

Colepiocephale means 'knuckle head,' named for a dome that curled over like a knuckle.

Bone-Headed Dinosaurs, card 6 of 12



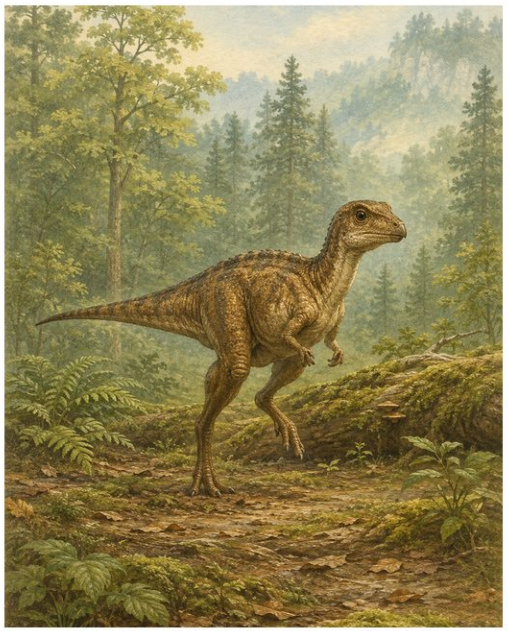
Tylocephale

Tylocephale gilmorei

Lived: Late Cretaceous, 72 million years ago
Diet: Herbivore
Length: about 2 m (6.6 ft)
Weight: about 40 kg (88 lb)
Found in: Asia

Tylocephale, 'swollen head,' carried the tallest dome known from any pachycephalosaur, with its peak far back over the neck and a spray of spikes and nodes behind it.

Bone-Headed Dinosaurs, card 7 of 12



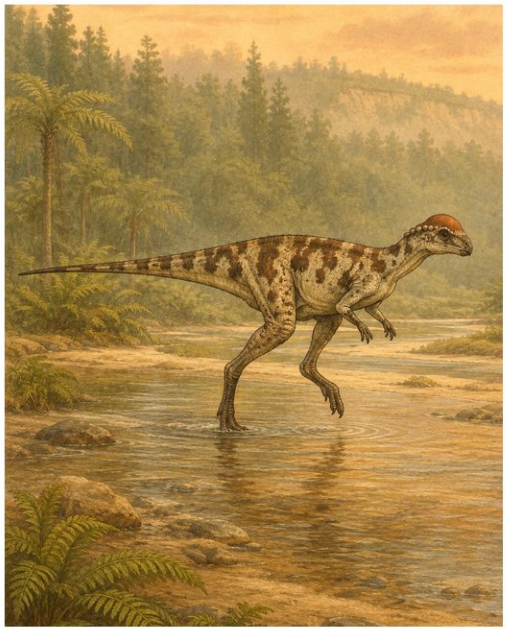
Wannanosaurus

Wannanosaurus yansiensis

Lived: Late Cretaceous, 70 million years ago
Diet: Herbivore
Length: about 60 cm (24 in)
Weight: about 1 kg (2.2 lb)
Found in: Asia

Wannanosaurus was among the smallest of the bone-headed dinosaurs, about 60 centimetres long, with a flat skull roof rather than a dome.

Bone-Headed Dinosaurs, card 8 of 12



Foraminacephale

Foraminacephale brevis

Lived: Late Cretaceous, 76–75 million years ago
Diet: Herbivore
Length: about 1.5 m (4.9 ft)
Weight: about 10 kg (22 lb)
Found in: North America

Foraminacephale means 'foramina head,' after the many small pits that covered the top of its dome.



Goyocephale

Goyocephale lattimorei

Lived: Late Cretaceous, 76 million years ago
Diet: Herbivore
Length: 1.5–2 m (4.9–6.6 ft)
Weight: 10–40 kg (22–88 lb)
Found in: Asia

Goyocephale, 'decorated head,' had a flat skull roof edged at the back with small bony bumps, the bases of tiny horns.

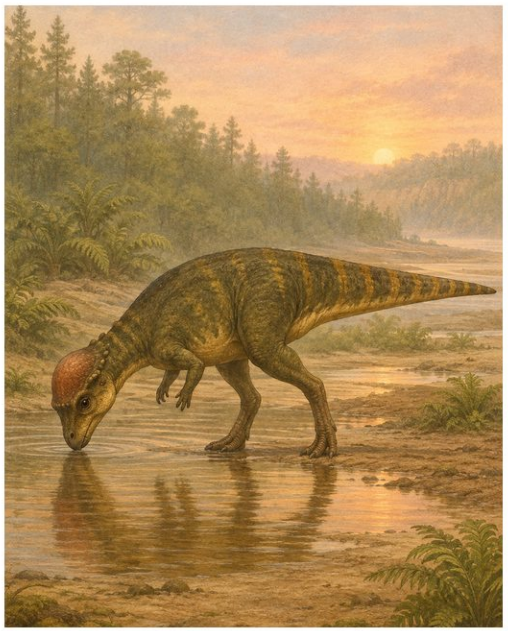


Alaskacephale

Alaskacephale gangloffi

Lived: Late Cretaceous, 72–71 million years ago
Diet: Herbivore
Length: about 1.5 m (4.9 ft)
Weight: about 10 kg (22 lb)
Found in: North America

Alaskacephale is one of the few dome-headed dinosaurs from the Arctic.



Acrotholus

Acrotholus audeti

Lived: Late Cretaceous, 85–84 million years ago
Diet: Herbivore
Length: 1.5–2 m (4.9–6.6 ft)
Weight: 10–40 kg (22–88 lb)
Found in: North America

Acrotholus, 'highest dome,' is one of the oldest known true pachycephalosaurs, about 85 million years old.