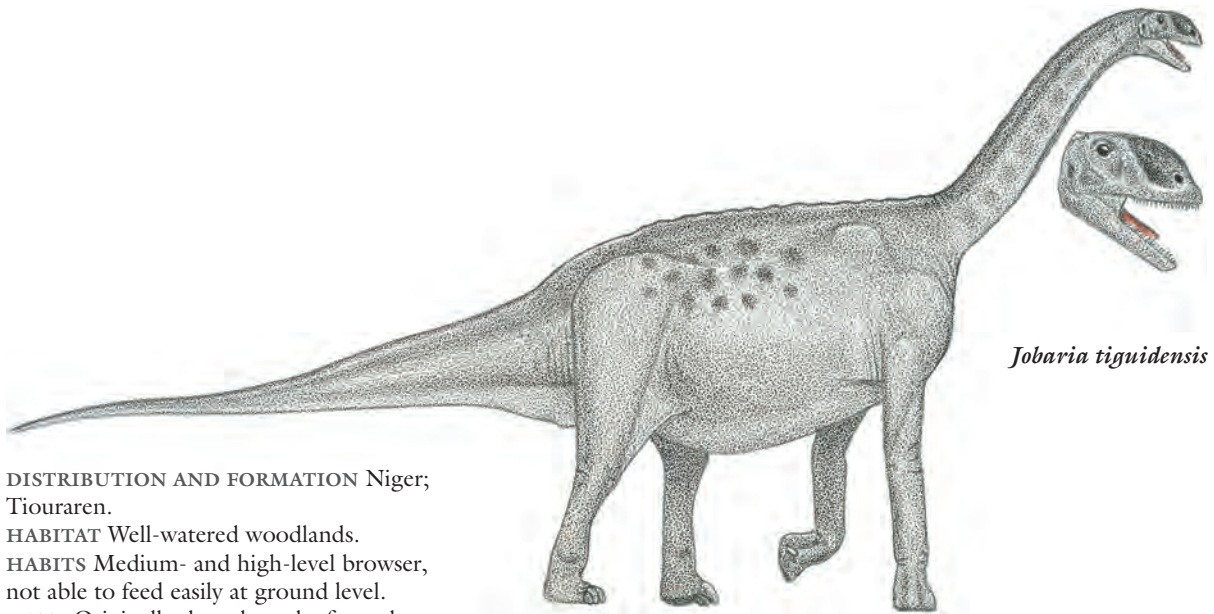


SAUROPODOMORPHS



Jobaria tiguidensis

DISTRIBUTION AND FORMATION Niger; Tiouraren.

HABITAT Well-watered woodlands.

HABITS Medium- and high-level browser, not able to feed easily at ground level.

NOTE Originally thought to be from the Hauterivian of the Early Cretaceous; some researchers place the Tiouraren in the Middle Jurassic.

CAMARASAURIDS

LARGE TO GIGANTIC MACRONARIAN SAUROPODS LIMITED TO THE LATE JURASSIC TO PERHAPS THE EARLY CRETACEOUS OF NORTH AMERICA AND EUROPE.

ANATOMICAL CHARACTERISTICS Uniform. Head large for sauropods, deep, teeth fairly large. Neck rather short, shallow, broad. Most neck and trunk vertebral spines forked. Tail moderately long. Arm and hand long so shoulders a little higher than hips. Front of pelvis and belly ribs flare very strongly sideways so belly is very broad and large. Retroverted pelvis facilitated slow walking when rearing up by keeping hips and tail horizontal when bipedal.

HABITS Medium- and high-level browsers, unable to feed easily at ground level. Able to consume coarse vegetation.

NOTES Whether camarasaurids survived into the Early Cretaceous is not certain.

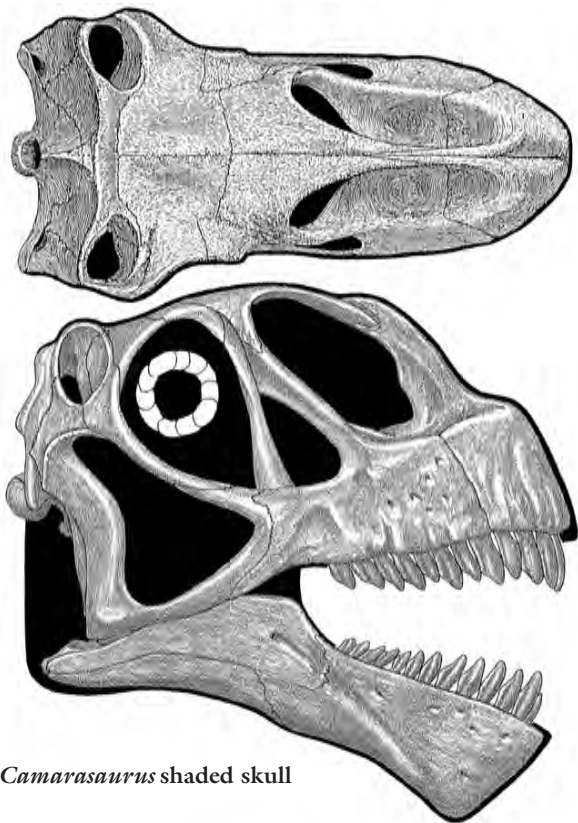
Camarasaurus grandis

14 m (45 ft) TL, 13 tonnes

FOSSIL REMAINS A few skulls and majority of skeletons.

ANATOMICAL CHARACTERISTICS Standard for camarasaurids.

AGE Late Jurassic, Late Kimmeridgian and/or Early Tithonian.



Camarasaurus shaded skull



Camarasaurus grandis

DISTRIBUTION AND FORMATION Wyoming, Colorado, Montana; middle Morrison.

HABITAT Short wet season, otherwise semiarid with open floodplain prairies and riverine forests.

NOTES Shared its habitat with *C. lentus*, *Apatosaurus*, *Diplodocus*, *Barosaurus*, and *Stegosaurus*; main enemy *Allosaurus*.

Camarasaurus lentus

15 m (50 ft) TL, 15 tonnes

FOSSIL REMAINS A number of skulls and skeletons including juveniles, completely known.

ANATOMICAL CHARACTERISTICS Standard for camarasaurids.

AGE Late Jurassic, Late Kimmeridgian and/or Early Tithonian.

DISTRIBUTION AND FORMATION Wyoming, Colorado, Utah; middle Morrison.

HABITAT Short wet season, otherwise semiarid with open floodplain prairies and riverine forests.

Camarasaurus supremus

18 m (60 ft) TL, 23 tonnes

FOSSIL REMAINS Some skulls and skeletons.

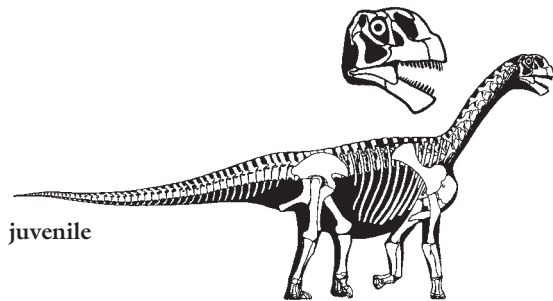
ANATOMICAL CHARACTERISTICS Standard for camarasaurids.

AGE Late Jurassic, Middle Tithonian.

DISTRIBUTION AND FORMATION Wyoming, Colorado, New Mexico; upper Morrison.

HABITAT Wetter than earlier Morrison, otherwise semiarid with open floodplain prairies and riverine forests.

NOTES Anatomically very similar to *C. lentus*, it may be the same species and is probably the direct descendent of the earlier camarasaurid. Shared its habitat with *Apatosaurus* and *Amphicoelias*. Main enemy *Allosaurus maximus*.



juvenile



Camarasaurus lentus
(see also next page)

adult