

The elements of the skull of the paratype, and the few vertebræ and bones of the fore limb mentioned in this report, were prepared by G. F. Sternberg who had charge of the 1916 expedition. It is hoped soon to assemble the elements of this skull and to so mount them that as many as possible will be removable for study purposes.

As the greater part of the skeleton is present in the above specimens an open mount of both is contemplated.

OSTEOLOGY OF EDMONTOSAURUS.

SKULL.

The skull of *Edmontosaurus* is large, massive, and long, high behind and low in front. Posteriorly it is higher than broad, anteriorly it is greatly expanded horizontally outward into a beak-like termination.

Viewed from the side its outline is subtriangular, high behind, approximately straight horizontally below, flat above behind the orbits, with a long facial slope descending rapidly forward.

As seen from above the skull is broadest in its posterior half-length, much expanded in front, and greatly constricted behind this expansion. The outline of the occiput is squarely transverse, and the margin of the snout has a semicircular curve. Behind the concavity of the anterior constriction the lateral outline is broadly convex backward.

The posterior height of the skull is greater than half its length. The maximum breadth behind exceeds the full lateral expansion of the beak, but is considerably less than the half-length. The orbit is large, as is also the narial opening. The supratemporal fossæ are of fair size, but the lateral temporal ones though high are greatly reduced in width. Concomitant with the posterior height of the skull is a long quadrâte. The great development of the flattened snout is remarkable, and the depth and robustness of the mandible are equally striking.

Elements of the Skull Known in Edmontosaurus.

Alisphenoid	<i>Als.</i>	Parasphenoid	<i>Pasp.</i>
Angular	<i>An.</i>	Parietal	<i>P.</i>
Articular (in part)	<i>Ar.</i>	Postfrontal	<i>Pof.</i>
Basi-occipital	<i>Boc.</i>	Predentary	<i>Pd.</i>
Basisphenoid	<i>Bs.</i>	Prefrontal	<i>Prf.</i>
Dentary	<i>Dn.</i>	Premaxillary	<i>Pmx.</i>
Ectopterygoid (Transpalatine)	<i>Ept.</i>	Presphenoid	<i>Psp.</i>
Exoccipital	<i>Exo.</i>	Proötic	<i>Prot.</i>
Frontal	<i>F.</i>	Pterygoid	<i>Pt.</i>
Jugal	<i>J.</i>	Quadrato	<i>Q.</i>
Lachrymal	<i>L.</i>	Quadrato-jugal	<i>Qj.</i>
Maxillary	<i>Mx.</i>	Splenial	<i>Sp.</i>
Nasal	<i>N.</i>	Squamosal	<i>Sq.</i>
Opisthotic	<i>Opot.</i>	Supra-occipital	<i>Soc.</i>
Orbitosphenoid	<i>Orsp.</i>	Surangular	<i>Sa.</i>
Palatine	<i>Pal.</i>	Vomer (in part)	<i>V.</i>