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A NEW GENUS AND SPECIES OF CRESTLESS HADROSAUR FROM THE EDMONTON FORMATION OF ALBERTA.*

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The Edmonton formation of the Cretaceous as developed on Red Deer river, Alberta, although not as rich in ceratopsian dinosaurs as the earlier Belly River beds, abounds in well preserved remains of hadrosaurs belonging to such recently described genera as *Saurolophus*, *Cheneosaurus* and *Hypacrosaurus*, forms which succeeded the crested *Stephanosaurus* and *Prosaurolophus* of Belly River times.

It has become evident that a non-crested hadrosaur of large size, represented by excellent and comprehensive material in the Geological Survey collections from the Edmonton formation of Red Deer river, belongs to a genus and species not hitherto described. The purpose of this paper is to give a preliminary description of this new form, with particular reference to the skull, reserving for the future a fuller account of its osteology which the excellent state of the material will permit.

This new genus is represented in the collections by the remains of two individuals of the same size including the skull in each case.

The first specimen (type) consists of the skull (figured in plate II) with the following important parts of the skeleton:—most of the vertebræ, in place, back to the sixth caudal; one hind limb lacking a few phalanges; one humerus; both pubic bones; one ischium; the greater part of the right ilium; and some ribs. Collection of 1912, Edmonton formation, Red Deer river, Alberta, from opposite the mouth of Three Hills creek, at 200 feet above the river level. Cat. No. 2288.

The second specimen (paratype) includes:—the skull, without the premaxillaries and the prementary; all the vertebræ with the exception of those behind the fifth caudal; and the fore and hind limbs lacking some of the bones of the feet. It is possible that the right

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