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A NEW GENUS AND SPECIES OF CERATOPSIA FROM THE BELLY RIVER FORMATION OF ALBERTA.*

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STYRACOSAURUS, gen. nov.

Skull massive, elongate, pointed in front, and greatly extended behind to form a neck-frill with long, robust, tapering outgrowths projecting obliquely backward and outward from its posterior border. Fontanelles of moderate size within the coalesced parietals. Squamosals somewhat quadrangular and entering largely into the formation of the front part of the frill. Postfrontal fontanelle large. Supratemporal fossæ opening widely behind. Nasal horn-core large, upright, straight, rising from the back of the nasals. Supraorbital horn-core incipient.

STYRACOSAURUS ALBERTENSIS, sp. nov.

The skull of this species is remarkable for the largeness of the nasal horn-core, the remoteness of the same from the acute rostral apex, and for the great development of backwardly directed spike-shaped processes on the posterior margin of the coalesced parietals.

The horned dinosaur above named is represented by the skull only, which is the type of the proposed new genus and species. This magnificent specimen was discovered last summer in the Belly River formation on Red Deer river, Alberta, by the vertebrate palæontological expedition of the Geological Survey under Charles H. Sternberg. It is almost perfect on the left side and is in a splendid state of preservation. It occurred imbedded horizontally, in a natural position, in a thick layer of light grey clayey sandstone with the neck-frill and the upper surface as far forward as the anterior part of the nasals exposed to view. Later it was found that the lower jaw and the rostral bone were not present. At the time of the discovery of the skull the nasal horn-core had been broken off a little below its mid-height, and the foremost and last of the

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