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DESCRIPTIONS OF NEW SPECIES OF TESTUDO AND BAËNA WITH REMARKS ON SOME CRETACEOUS FORMS.*

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(With two plates.)

In the collection of vertebrate remains, made by the writer in 1904, from the Oligocene deposits of Bone coulée, Cypress hills, Assiniboia, are parts of a number of costal plates of a tortoise referable to the genus *Testudo*. The specimens were found separately but apparently belong to one species, and, although fragmentary, they are of sufficient interest to warrant description, especially as they appear to belong to a hitherto undescribed species. For this species the name *exornata* is proposed.

The three specimens figured (plate III, figures 3, 1 and 2) are the proximal end of the left 1st costal, the distal half of the left 5th costal and the proximal end of the left 6th costal.

All the specimens shew decided groove markings. Selecting the distal end of the 5th costal plate (figure 1) as the type of the species, it is seen to be particularly narrow and thick but its outline indicates that the bone when entire had a considerable breadth proximally. Its upper surface presents a number of parallel shallow furrows in the direction of the length of the carapace. It is thickened along its posterior articular border where it joined the similarly thickened anterior border of the 6th costal,

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