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NOTE ON THE ORNAMENTATION OF PERIGLYPTO- CRINUS PRISCUS.

BY WILLIAM A. PARKS, PH.D., ASSOCIATE PROFESSOR OF
GEOLOGY, UNIVERSITY OF TORONTO.

WITH ONE PLATE, No. III.

This beautiful species was described by Billings in Decade IV of Canadian Organic Remains as *Glyptocrinus priscus*. Wachsmuth and Springer in their classical work "The Crinoidea Camerata of North America," establish a new genus, *Periglyptocrinus*, for the reception of those forms, otherwise like *Glyptocrinus*, but in which the arms are biserial instead of uniserial as in all members of the latter genus: the present species evidently belongs to the new genus.

Billings' description, while quite accurate except for the statement that the plates of the cup are smooth, does not enter into the detail necessary for the identification of species of *Glyptocrinus* and its allies. The original figures also are small, indistinct and destitute of the beautiful ornamentation characteristic of the species.

The description given by Wachsmuth and Springer* is couched in the terminology adopted by those authors and is quite adequate for the identification of the species: the profuse ornamentation is however not mentioned nor does it appear in the single figure which accompanies the text. The reason for this omission lies in the fact that the type specimen from which both Billings and Wachsmuth and Springer derived their figures is a young and undeveloped example. The fortunate discovery of two larger and more mature forms, which I cannot but believe belong to this species, justifies some further remarks, particularly with regard to the ornamentation of the plates of the cup.

Judging from the figures of both authors, the size of the type specimen is about 13 mm. from the base to the point of

*The Crinoidea Camerata of North America p. 278