

THE OTTAWA NATURALIST.

VOL. XVIII. OTTAWA, SEPTEMBER, 1904.

No. 6

DESCRIPTION OF A NEW GENUS AND SPECIES OF RUGOSE CORALS FROM THE SILURIAN ROCKS OF MANITOBA.

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APHYLLOSTYLUS, gen. nov.

Corallum consisting of slender, contiguous, subcylindrical corallites, that are circular or nearly circular in transverse section, and that seem to have formed part of a compound, branched, fasciculate, ascending and somewhat spreading colony, essentially as in *Pycnostylus*. Surface markings of the exterior of the corallites unknown.

The structure of the interior of the corallites consists of conspicuous transverse tabulæ, and of numerous, very minute, spiniform septa. The tabulæ, though irregular in their disposition and in their distances apart, are for the most part complete and continuous. The spiniform septa consist of both longitudinal and transverse rows of close-set, very short, straight and inwardly directed, minute spinules, not very unlike those of a Silurian Favosite, but much smaller and shorter. Where the tabulæ are comparatively far apart, the longitudinal arrangement of the rows of spinules is very obvious, and there are from four to seven spinules in each longitudinal row, between two of the tabulæ. But, in places where the tabulæ are close together, the transverse arrangement of the rows of spinules is more apparent, and there are either one or two transverse rows of spinules between two tabulæ.