intermediate longitudinal ridges characteristic of that species. Both clearly belong to Barrande's "Group 6" of the genus *Orthoceras* and to Hyatt's genus *Dawsonoceras*.* The surface ornamentation of *O. Beauportense* appears to be decidedly different from that of any of the small annulated species of *Orthoceras* from the Trenton limestone of the State of New York described and figured by Hall in the first volume of the Palæontology of that State. *O. bilineatum*, Hall, is a much larger and more robust species, with coarser annulations and two series of longitudinal ridges or linear elevations. In *O. clathratum*, Hall, the longitudinal markings are very minute and crowded, and are said to consist of "sharp elevated lines distant $\frac{1}{48}$ of an inch," or very little more than a half a millimetre apart. There are, also, no comparatively coarse and distant longitudinal ribs or ridges in *O. textile*, Hall, and in that species the transverse annulations are represented as both prominent and angular.

TRIPTEROCERAS LAMBII.

Gonioceras Lambi, Whiteaves. 1891. Trans. Royal Soc. Canada, Vol. IX, sect. 4, p. 86, pl. XI, figs. 1, and 1 *a-b*.

Triptoceras Lambi, Clarke 1897. Geol. Minnesota, Final Rep., Vol. III, pt. 2, p. 793, pl. 56, figs. 1 and 2.

Tripteroceras Lambii, Whiteaves. 1897. Geol. Surv. Canada, Palæoz. Fossils, vol. III, pt. 3, p. 213.

The type of this species is a well preserved specimen of the septate portion of the shell, rather more than ten inches in length but imperfect at both ends, collected in the Galena—Trenton limestone at East Selkirk, Manitoba, by Mr. J. B. Tyrrell in 1890. Until quite recently, the only other specimen that the writer had seen is the badly preserved but otherwise similar cast collected at Wekusko Lake, in the District of Saskatchewan, by Mr. Tyrrell in 1897 and referred to on page 214 of the third volume of "Palæozoic Fossils" published by the Geological Survey of

*It seems to the writer that it would be more euphonious and more in accordance with classical usage to write *Dawsoniceras and Barrandiceras* rather than *Dawsonoceras and Barrandeoceras*.