this figure, that species is *B. polyxo*. Dr. Weller may reasonably be asked for an explanation.*

Botryocrinus crassus.

Homocrinus crassus, Whiteaves, 1889, *Contrib. Canad. Pal.* I, p. 95.
Botryocrinus crassus, Bather, 1893, 'Crin Gotland'. *Svensk. Vet.-Akad. Handl.*, XXV, No. 2, p. 103.
Botryocrinus crassus, Whiteaves, 1898, *Contrib. Canad. Pal.* I, p. 375.

Dorsal cup bell-shaped, inflated near base and slightly constricted near middle of BB. RR very slightly projecting towards the facet. Height of cup (14 mm), 100; width at base, 32; width at summit, 95. IBB wider than high BB higher than wide. RR wider than high below, but less wide than high above. Arm-facet about .66 of R. *x* supports at least 3 tube-plates. Proximal columnal circular.

Middle Devonian, Hamilton Group, Thedford, Ont.

Holotype in Mus. Geol. Surv. Canada at Ottawa. Plastotype in British Museum, No. E14060.

Redescription of the holotype (following the order of Dr. Whiteaves' original description):—

Dorsal cup somewhat bell-shaped, rather broad and sharply inflated near the base, and very slightly constricted just about the middle of the basals. Height of dorsal cup, from lower margin of infrabasals to top of radial facet, 14 mm., to bottom of facet, 12.75 mm.; maximum width of cup, 13.4 mm.; width at base, 4.5 mm. Infrabasals (IBB) pentagonal, about one half the size of the basals, and wider than high. Basals (BB) moderately large, about equal in size to the anterior radials; higher than wide; the three anterior ones hexagonal, the two posterior ones heptagonal and truncated above. Radianal plate (RA) equal in size to the IBB, rhomboid (see measurements below) and resting obliquely between the two posterior BB, the right posterior radial, and the superior anal plate *x*. Radials (RR) pentagonal, outer surface nearly flat below, slightly raised in the middle, and above this

*Dr. Weller has been so generous with his help to me in the past, that on 6th Jan., 1806, I presumed to ask for the loan of material that would enable these doubts to be set at rest. Either my letter or his reply must have gone astray, and the publication of these remarks can no longer be delayed. 10th July, 1906.