

THE OTTAWA NATURALIST

VOL. XXIV. OTTAWA, NOVEMBER, 1910

No. 8

ON TWO NEW TRILOBITES FROM THE CHAZY NEAR OTTAWA.*

BY PERCY E. RAYMOND.

BATHYURUS SUPERBUS SP. NOV. PLATE II, FIGS. 1—3.

Entire test broadly oval in outline, the breadth varying from .6 to .8 of the length. Dorsal furrows deep on thorax and pygidium, but shallow on the cephalon. Axial lobe narrow and rather low, not being raised much above the general level of the surface.

Cephalon short and wide, surrounded by a very narrow concave border. Glabella nearly smooth, expanding slightly in front of the eyes; marked by two pairs of faint furrows. Eyes very large, low, extending back to the neck furrow and forward to the middle of the glabella. Free cheeks wide, convex, the genal angles drawn out into spines which extend back to the fifth or sixth segment of the thorax. Surface of the test smooth except for fine striae which are rather prominent on the inner margin of the free cheek.

Thorax of nine segments. Axial lobe narrow. Pleura with deep furrows.

Pygidium nearly semicircular in outline, with a broad concave border and a low, smooth axial lobe. The pleural lobes are marked by four pairs of wide, unfurrowed ribs which can be traced across the concave border. The axial lobe is crossed by one prominent ring, and two fainter ones. Behind the rings are a series of pairs of hardly visible pits. Test covered with faint irregular striae.

The hypostoma is about as broad as long, almost straight in front, semicircular behind; muscular attachments in front of the middle; side wings narrow. It is very similar to the hypostoma of *Bathyrus extans*, but broader in front.

Length of the largest specimen 74 mm., width 58 mm. A smaller specimen is 40 mm. long and 25 mm. wide. One pygi-

* Published by permission of the Director of the Geological Survey of Canada.