

cardinal auriculations, the thickened border in the interior of brachial valve, and the sharp prominent ridges along the axial margins of the adductor muscle scars.

*Horizon and locality:* Lower Trenton limestone; Wolfe Island, Ontario. Stations 224?; 226, and 308.

#### EXPLANATION OF PLATE.

##### PRASOPORA SIMULATRIX ORIENTALIS.

Figures 1, 2—Vertical and tangential sections, X 10, of an average specimen. Queen's University Paleontologic Museum No. 1263.

##### HALLOPORA VARIA.

Figures 3, 4, 5—Tangential, vertical and transverse section, X 10, of the holotype. Queen's University Paleontologic Museum No. 1272.

Figures 6, 7—Two of the plesiotypes, natural size. Queen's University Paleontologic Museum No. 1270.

##### HALLOPORA OBLIQUA.

Figures 8, 9—Vertical and transverse sections, X 10, of one of the cotypes.

Figures 10, 11—Two of the cotypes, natural size. Queen's University Paleontologic Museum No. 1276.

##### PLECTAMBONITES CURDSVILLENSIS.

Figure 12—A pedicle valve showing the faint mesial sinus commonly observed on the shells thus identified.

Figure 13—The interior of a brachial valve from the same locality. Queen's University Paleontologic Museum No. 1269.

##### RAFINESQUINA DELTOIDEA.

Figure 14—A pedicle valve. Queen's University Paleontologic Museum No. 1262.

##### PLECTAMBONITES PUNCTOSTRIATUS.

Figures 15, 16, 17—Three of the cotypes, pedicle valves. Queen's University Paleontologic Museum No. 1277.

## NOTES ON THE LAND MOLLUSCA OF DE GRASSI POINT, LAKE SIMCOE, AND OTHER ONTARIO LOCALITIES.

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22. *Zonitoides arborea* (Say). The commonest of all our land Mollusca, occurring in the woods everywhere, from the tamarack swamp to the hardwood forests. Toronto, May-October; De Grassi Point, April 27th—September; Go Home Bay, July 15th-17th; Giant's Tomb Island, July 20th; St. William's, September 3rd.

23. *Zonitoides exigua* (Stimpson). This minute ribbed species is common at De Grassi Point under leaves and rubbish in the woods. It was also taken at Go Home Bay and the Giant's Tomb Island.

24. *Zonitoides milium* (Morse). Toronto, De Grassi Point and the Giant's Tomb Island, not rare under leaves in woods.