

REPORT OF THE PALÆONTOLOGICAL BRANCH FOR THE SEASON OF 1882.

To the Council of the Ottawa Field Naturalists' Club :

The first excursion of the Club last season to the Laurentian Mountains at Chelsea of course afforded no opportunities for collecting fossils. At the DesChênes Rapids, where the second excursion was held, the sandstones of the Chazy formation proved very unfossiliferous, but by careful search Mr. H. M. Ami detected some specimens of *Orthis imperator*, Billings, and of the characteristic *Rhynchonella plena*, Hall.

The visit to Brigham's quarries, at Hull, on the 21st October, was made too late in the day, and too late in the season, to permit of full justice being done to this long known and favorite locality for collectors. These quarries are remarkable for the number and variety of the fossils found in them, on the weathered surfaces of slabs of Trenton limestone, and are specially rich in crinoids and monticuliporids. Stems of *Glyptocrinus* more than eight feet in length were observed in one part of the quarry, and fine examples of *Glyptocrinus ramulosus*, Billings, showing the heads and pinnulæ in a fine state of preservation, were also collected. Among other choice specimens obtained by members of the Club was a slab, showing a good example of the head and column of *Dendrocrinus acutidactylus*, Billings, surrounded by young *Glyptocrini*, both in an excellent state of preservation. The following is a list of the species collected on this particular occasion :

PROTOZOA. *Stromatocerium rugosum*, Hall.

CRINOIDEA. *Glyptocrinus ramulosus*, Billings, and *G. decadactylus*, Hall; *Dendrocrinus acutidactylus*, Billings; *Heterocrinus subcrassus*, Meek & Worthen.

POLYZOA. *Arthoclema pulchellum*, Billings; *Stictopora acuta*, Hall, and *Ptilodictya falciformis*, Nicholson; *Prasopora Selwynii*, Nicholson; *Monotrypella Trentonensis*, Nicholson.

BRACHIOPODA. *Rhynchonella capax*, Conrad, var. *increbescens*, Hall, and *R. recurvirostra*, Hall; *Orthis testudinaria*, Dalman; *Strophomena alternata*, Conrad; *Streptorhynchus filitextus*, Hall; *Leptaena sericea*, Sowerby.

LAMELLIBRANCHIATA. *Ctenodonta nasuta*, Hall.