limestone, near Thorold, Owen Sound, the Manitoulin Islands, Rockwood and Isthmus Bay (Lake Huron); at Lake Temiscamang, Dudswell and Port Daniel. The specimens in the Museum of the Survey from most of these localities belong to the large tubed or typical form of the species which Prof. Whitfield suggests (op. cit.) should be called *H. catenulatus* var. *labyrinthicus*, but some of those collected at Lake St. John by Mr. James Richardson in 1857 or by Mr. Walter McOuat in 1871, and at Port Daniel by Sir W. Logan in 1843, represent the small tubed form or dimorphic variety which Edwards and Haime described and figured as the *Halysites escharoides* of Lamarck.

Since 1863, characteristic examples of the typical form of *H. catenularia* have been collected by Dr. R. Bell (in 1879) at the second and third limestone rapids of the Nelson River, Keewatin, and it has been found to be abundant in the Trenton limestone of the Red River valley, in Manitoba (at East Selkirk and Lower Fort Garry), of the western shore of Lake Winnipeg and of many of the islands in that lake. Specimens of the typical form of the "chain coral" and of the variety with extremely small corallites (*H. catenulatus* var. *microporus*, Whitfield) were collected by Prof. A. P. Coleman in 1864, in the Silurian (Upper Silurian) rocks of the north-east shore of the Columbia River, near Donald. Mr. McConnell obtained the typical form in 1886 at several localities "along the central and more elevated parts of the Beaverfoot Range of the Rocky Mountains and its continuations," in rocks which are well exposed between Palliser and Golden, on the line of the Canadian Pacific Railway. Mr. Tyrrell collected it in 1889 in rocks apparently of the age of the Niagara limestone, on the Saskatchewan River at and below Cedar Lake. It has been found near the Neigette River, six or seven miles east of Rimouski village, in the province of Quebec, by Mr. Weston in 1880, and at Lake Metapedia by Prof. L. W. Bailey in 1888.

Halysites agglomeratus, Hall.

Catenipora agglomerata, Hall.....1843. Geol. Rep. 4th Distr. N. York: tables of fossils, No. 22, fig. 2.
" " Hall.....1852. Pal. N. York, vol. II., p. 129. pl. 35, figs. 2, *a-g*.
Halysites agglomerata, Nicholson...1875. Rep. Pal. Prov. Ont., p. 51, figs. 24, *c-d*, and p. 66.

Guelph, Prof. H. A. Nicholson (op. cit., p. 66).

Halysites agglomeratus, var. compactus.

Halysites compactus, Rominger....1876. Geol. Surv. Mich., Foss. Corals, p. 78 pl. 29, fig. 3.
" " Whiteaves...1884. This volume, pt. 1, p. 2.