

GEOLOGY.

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On a small collection of Fossils from the Trenton Limestones of Port Hope:—Port Hope is situated on the north shore of Lake Ontario, near the mouth of Jones's Creek, a stream which is slowly cutting for itself a bed in the hard Trenton limestone. In former ages it was a stream of much greater dimensions, and evidences of raised beaches are seen along both sides of its valley. The higher ground is here occupied by clays, mostly glacial, and sub aerial denudation has played a prominent part in making for the town its peculiar orographic site above the present level of the lake.

On the occasion of my last visit I saw an outcrop of limestone, at the Rapids near the Bridge and foot of the main business street, from which a number of fossils were obtained, or noted. They were all typical or rather common Trenton forms, and are here recorded only because I have so far seen no list of fossil remains from this locality. The species are as follows:—

1. Crinoidal fragments. 2. *Heterocrinus simplex* v. *Canadensis*, Billings. 3. *Stictopora acuta*, Hall. 4. *Prasopora Schwyni*, Nicholson, (= *P. lycoperdon*, Rones.) 5. ? *Diplotrypa Whitcavesi*, Nicholson. 6. *Lingula* sp. 7. *Orthis testudinaria*, Dalman. 8. *Leptæna sericea*, Sowerby. 9. *Strophomena alternata*, Conrad. 10. *Anazyga recurvi-rostra*, Hall. 11. *Vanuxemia Montrealensis*, Billings. 12. *Modiolopsis* sp. indt. 13. *Trochonema umbilicatum*, Hall. 14. *Orthoceras* sp. 15. *Dalmanites callicephalus*, Green. 16. *Asaphus platycephalus*, Stokes. 17. *A. Canadensis*, Chapman. 18. *Calymene senaria*, Conrad.

It would thus appear that the light grey, somewhat bituminous and impure limestones of Port Hope belong to the Trenton and well up in that formation. With time to collect along Jones's Creek, a careful observer should obtain much interesting material. H. M. A.

THE NEXT EXCURSION

Will probably be to Pagan Falls, on the Gatineau Valley Railway. Arrangements are being made for as early a date in September as possible.