

POST-TERTIARY.—Beginning with these newer deposits, Mr. Ami reports that on account of the numerous excavations for sewers, etc., he has been enabled to obtain a number of interesting sections of the strata from the boulder clay and glacial drift deposits up to the recent overlying sediments. The results thus obtained from various parts of our city, will be embodied in a communication (now in course of preparation) shortly to be presented to the Club entitled: "The Great Ice Age and Subsequent Formations at Ottawa."

HUDSON RIVER FORMATION.—A special visit was paid to the exposures of this formation in October last and a number of interesting forms were found. The collection yielded a number of species new to the list already published in the Transactions of the Club (Trans. O. F. N. C., Vol. II, No. 2, page 253). These were: *Pterinea demissa*, Conrad, an eminently characteristic species; *Strophomena* (*Streptorhynchus*) *subtenta*, Conrad; *Platystrophia lynx*, Eichwald (*Platystrophia bifoviata*, Schlotheim, var. *lynx*, Eichwald and *Orthis lynx*, Eichwald, of authors); *Leptæna sericea*, Sowerby (very abundant); *Calymene senaria*, Conrad; a *Pleurotomaria*, allied to *subconica*, Hall; a trilobite referred provisionally to the genus *Remopleurides*, besides portions of Monticuliporoid corals—each of which last three mentioned require further study. The opening which was made in the field to the north of the Canada Atlantic Railway track some three and three-quarter miles from the city has afforded a good many specimens. The beds are light brown or buff weathering, and consist of a fine grained calcareo-argillaceous dolomitic paste with some arenaceous material in a finely divided state. The fossils which they contain are tolerably well preserved and abundant—and whilst only some fifteen species have as yet been observed in this formation from that locality there is no doubt that future investigations will increase that number considerably.

UTICA FORMATION.—Most of the attention devoted to this formation has been in the direction of ascertaining what were the species associated in the same band of impure limestone with *Siphonotreta Scotica*, Davidson. Several sub-excursions were held to the locality (mentioned in the Report of Geological Branch, in the transactions of the Club for 1885-86) opposite the Rifle Range on the Rideau River in Gloucester, and no less than sixteen species have already been found in