

NINETEENTH.—Despite the coolness of the weather a number of members of the Club and their friends left the city Post Office at 9.30 a.m., of 22nd October, and proceeded by way of the Montreal Road, in Gloucester, to the mouth of Green's Creek, some six miles distant. The drive down was rather cool, but by eleven o'clock, when the Creek was reached, the bracing weather had moderated, and when collecting began the excursionists soon felt comfortable. One o'clock brought the party together and the specimens contained in the baskets were eagerly discussed. Before lunch the upper portion of the Ottawa River shore had been searched for nodules and recent shells with considerable success, whilst the lower portion of the beach below the mouth of the Creek proved to be less rich in the sought for specimens. The party decided to make a halt on the way home at the Sulphur Springs, situated on the same creek, and close to where the bridge on the Montreal Road crosses it. This place was soon reached, and on the way the outcrop of the shales belonging to the Chazy Formation along the road, with the newer limestones flanking the hill, to the south, about half-a-mile east of the toll-gate, were examined. The waters of the springs having been tasted and an additional number of nodules collected up the creek, especially of that kind which is spheroidal in shape. The party re-assembled and in conformity to the usual custom, the leader in Geology, Mr. Henry M. Ami, who was present, was called to say a few words on the result of the day's outing. He accordingly briefly described the formation of rocks which had more particularly engaged their attention during the day, viz., the "Leda Clay" formation. The origin and mode of deposition of the clays and the animal remains to be found in them were pointed out, after which Dr. Bell, of the Geological Survey, made some remarks respecting the theory of elevation and subsidence of Continents, referring more particularly to Prof. Croll's theory of tidal action in the long lapse of time. This done, the excursionists returned to the city in good time, quite satisfied that a pleasant day had been spent. A number of ladies were present, which speaks well for the interest which they manifest in the natural history studies with which the Club is engaged.