

Club and their friends have also done excellent work. George Lewis Burland, Herbert Maingy, Douglas McLean, Percy Wilson, Willie Herridge and Otis Whelen all deserve special mention for the industry and care they exhibited in the collections made and the anxiety they evinced to have them named and labelled. An enthusiastic class of youthful geologists was composed of the boy pupils of our fellow member Dr. Cephas Guillet. The work done by this class is most creditable indeed.

Besides collections of the fossils which were obtained on several of these sub-excursions, at some of which the president and other officers of the Club and leaders in Geology were present, notes bearing upon the stratigraphy and character of the rock formation were taken and a number of interesting photographs prepared which serve to show the nature of the strata at many points where they had never previously been observed. Some of the photographs taken during the sub-excursions of the Club are used in illustrating points of interest in the geology of Ottawa and its surroundings in Dr. Ellis's forthcoming Report of the Geology of the Ottawa District.

Among the more salient and important features noted may be mentioned the occurrence along the eastern extension of Somerset street, in the centre of that valley of erosion which formerly was used as a rifle range—the Rideau rifle range—a well-defined fault or dislocation in the earth's crust. This is only one of many faults which must exist hidden by pleistocene or drift deposits, and except for the artificial cuttings made and the notes taken during the excavations it would have been practically impossible to say that there existed one there.

This fault occurs in the Utica formation and presents the two limbs of a normal dislocation, in juxtaposition, the strata being scarcely disturbed at all, yet, both from the studies that have been previously made of the characters of the Utica of the Ottawa district and from the characters of the fauna obtained by the writer on each side of the fault it is evident that the lower as well as the upper beds of the Utica occur in the exposure.

There was no topographic feature or indication on the surface of the ground or trace whatever evident to even suspect the exist-