

ence of a fault in that locality, but in the trench cut along Somerset street east between Chapel street and Goulborne avenue the dislocation was clearly visible. Mineralization along the line of fault, as is customarily the case, had taken place resulting in the segregation of a considerable quantity of calcite associated with iron pyrites.

This fault was seen to trend in an almost due east and west direction heading for the western end of Sparks's rapids on the Rideau river. On each side of the fault and in the neighbourhood of the same the strata were strikingly dissimilar; on the east side thin bedded limestones with interstratified black bituminous shales were exposed, whilst an almost compact and homogeneous mass of fissile and black bituminous shales holding but few fossils, compared with the lower beds of the series occurred on the east side of the fault.

Lists of the fossils noted during these sub-excursions were prepared and will accompany this report. They will serve to emphasize the facts already noted of the existence at that point of an upper and a lower outcrop of the beds of the Utica formation.

*New Edinburgh.*—At the C. P. R. crossing along the Dufferin road in New Edinburgh, the main drain excavations revealed fine sections in the Utica formation also. On the occasion of the first excursion of the Club to Beechwood (see p. 94 of the Trans. of the O. F. N. C.) the geological section examined the exposures as well as the dumps, and a large quantity of fossils were obtained. Your leaders were kept busy identifying and determining specimens from the time the excursionists reached the spot until time was called to meet at the rendezvous near the Cemetery gate, where the addresses were given on the finds of the day. Seventeen species of fossils typical of the Utica were listed on that occasion from specimens obtained by one or other of the following persons present for whom they were named. Leaders: Dr. R. Bell, Mr. W. J. Wilson, Dr. H. M. Ami; Members, &c.: Mr. Clark, Mr. Kendall, Miss McQuestion, Miss Ross, Mr. Baldwin, besides the following younger but enthusiastic collectors: Alexander Anderson, Herbert Maingy, Lloyd Blackadar, Otis Whelen and Gordon Gullock.