

EXCURSION TO CUMBERLAND, ONT.

The third general excursion of the Club was held at Cumberland, a pretty village situated on the Ottawa River, Ontario side, some twenty miles below the Capital. It was the first time in the history of the Club that Cumberland had been visited and although the attendance was not large, nevertheless, those who took part or were present, all speak in glowing terms of the beauty of the view and surroundings as well as of the many interesting natural features of special value to a field naturalist. Three members of the Council and Leaders were present and considerable work done.

In Ornithology Miss Ballantyne noted the occurrence of not less than twenty-five birds during the day, whilst Miss M. Whyte prepared a list of the flowering plants noticed along the face and on the top of the escarpment south of the village and along the roadsides and shore of the Ottawa, on behalf of the Botanical section. Mr. Andrew Halkett, as Leader in general Zoology, made notes of observations on squirrels, chipmunks, slugs, millipedes and spiders, besides a number of butterflies. Amongst these were: White admiral (*Limenitis Arthemis*).

Milk-weed butterfly (*Danais Archippus*), Yellow butterfly (*Colias philodice*), White Cabbage butterfly (*Pieris rapæ*).

Regarding the Chipmunk (*Tamias striatus*, Linn.,) Mr. Halkett writes:—"An interesting sight was a Chipmunk at his burrow which was a regular hillock with both entrance and exit. The entrance was constructed of sticks and stones."

Two Cyprinoids were secured by Mr. Halkett for examination, from a pool adjacent to the Ottawa caused by the receding of the water.

GEOLOGY.—The strata between the Ottawa river front and the top of the hill south of Cumberland afford perhaps the most perfect undisturbed and continuous section of Palæozoic rocks in the Ottawa Valley in a very compact and easily accessible form and limited space. The Calcareous, Chazy, Birds' Eye and Black river and Trenton formations were all observed and examined in their natural sequence.