

## THE ENTOMOLOGICAL BRANCH.

The members of the Entomological Branch report that fair progress has been made during the past year in the knowledge of the insects of the district. A number of species were collected for the first time, and others of extremely rare occurrence were taken on several occasions. Two species are worth mentioning here. The Ghost-moth, *Sthenopsis thule*, which was found at Ottawa in 1905, was again collected the past season, a single specimen being taken by Mr. A. Nicholls. In the Montreal district the insect is taken almost every year in fair numbers, but at Ottawa only two examples have as yet been captured. The large handsome insect, the Imperial Moth, *Basilona imperialis*, which is decidedly uncommon in Canada, must have been fairly abundant in the district, judging from the number of examples taken, mostly by certain individuals not specially interested in insects. Specimens were collected at Hull, Que., at Britannia and at the Experimental Farm. The Hull captures are most probably the only specimens which have ever been recorded from the Province of Quebec.

The Leaders hope that during the new Club year more members will take an interest in this branch of our work. The study of insects in the field is extremely fascinating and no branch of the Club's work offers a better, or so little known, field for investigation. So much is still to be learned regarding the life-habits of our insects, that anyone who makes careful observations can easily add to the known knowledge of many of these creatures. The Leaders of this Branch will gladly assist anyone who desires to take a deeper interest in the insects occurring in the Ottawa district. The field is a large one and the workers are few.

## THE GEOLOGICAL BRANCH.

As in former years Leaders of this Branch attended the Saturday afternoon excursions and explained as far as possible the principal geological features of the localities visited. Dr. P. E. Raymond, a new member, has done considerable work in the Chazy formation near Ottawa. In THE OTTAWA NATURALIST for November, 1910, he described two new species of trilobites from this formation, and in the February number, 1911, he gave sections in the Chazy at Rockcliffe, Hog's Back, Westboro, near the Robillard quarries, Montreal Road, and Mechanicsville, with typical fossils from each layer. These sections will be of great value to students who wish to study this formation.

He finds that the sections in the vicinity of Ottawa show about 250 feet of strata between the Beekmantown (Calcareous) and the base of the Black River. The lower 125 to 135 feet he