

tion of conglomerate rock in the process of formation was noted in the gravel pits near the railway. Several fossils were collected at the quarries on the west side of Beaver Meadow near the contact of the Black River and Trenton limestones. The fossils showed that the quarries are situated in the Trenton. During the visit to Carp interesting specimens of curved apatite crystals were collected. These crystals were curved by a constant steady pressure, so that some of them are not even cracked. Others are broken on the convex side.

Marine shells were collected at nearly all the places visited; they were particularly abundant in the clays and gravels at Carp.

We feel that a special effort should be made to interest our young members in the study of geology, as no more healthy or useful work could be enjoyed by them.

THE BOTANICAL BRANCH.

While there were few botanical workers in the field during the past summer, the Botanical Branch continues to be one of the most active in the Club.

Apart from the help rendered at the excursions by the botanical leaders, most of the field work was done by two or three individuals. Mr. W. H. Harrington has added the names of two new species to the Ottawa flora, namely, *Potentilla tridentata*, found at King's Mountain, Que., and *Minulus moschatus*, obtained at Kingsmere, Que. Mr. H. U. Morris found the weed *Eruca sativa* at the Experimental Farm; this is a new record for the Ottawa district. Mr. H. Groh made a study of the local hawthorns (*Crataegus*) during the past year. He examined fifty trees in different localities and collected flowering specimens from each, and later in the season obtained the fruit. He found marked differences in the number of stamens and styles, the color of the anthers, and the number of flowers to a corymb on different trees. The specimens were sent to a specialist for identification, and the names of the species will be reported later.

Nine winter meetings of the Botanical Branch were held at the homes of the members, much interesting material having been presented. Six of these meetings have already been reported in THE OTTAWA NATURALIST, and others, no doubt, will be. The following is the list of subjects presented at these meetings:—

1. "The Stems of Seed Plants," by Mr. D. A. Campbell.
2. "The Adaptation of Plants to their Environment as Shown by their Internal Structure," by Mr. J. W. Gibson.