

limestone which forms a ridge rising to the height of about a hundred feet above the Ottawa River at this place. The sand or gravel in which the shells were originally embedded has nearly all been removed and the bare rock is exposed at the surface. This is also an excellent spot for collecting fossils from the underlying rocks.

For those members of our Club who are interested in fossil collecting an excellent opportunity is afforded for the study of the fauna of the Black River formation in the many scattered outliers which are found to the south of the Ottawa River, in the townships of Bromley, Stafford and Wilberforce. Those between Douglas and Cobden can be easily reached, either by the Ottawa and Parry Sound railway, from Douglas station, or from Cobden on the Canadian Pacific. Large outliers occur in Stafford near the lower end of Muskrat Lake in which the fossils are abundant and easily obtained. The celebrated locality at the Paquette's Rapids on the Ottawa, near the foot of Allumette Island, is now easily reached by the Pontiac and Pacific Junction railway, which now runs to that point, but a week's trip or even less will enable one to visit all the principal areas to the south of the river and furnish plenty of material for future study. The Black River formation at one time must have had a very extensive development, since its scattered outliers are now found over a very considerable extent of country, lying between the Ottawa and the Madawaska Rivers. Among the most extensive, and at the same time most readily accessible of these, is a series of outcrops to the south of Arnprior, lying to the north of the mountain ridge which extends from the vicinity of White Lake to Pakenham. These have as yet been but little studied, but the rocks contain an abundance of fossils at many points and some of the principal exposures can be reached in a distance of four to five miles south from either Arnprior or Galetta.

For convenience of reference a synopsis of the various geological formations to be seen at the several stations is appended. The elevations of the different points along the line