

common about this city, and the numerous accompanying phenomena which these valleys invariably present, afford fertile subjects for future study and research. There is a proposal to prepare at no distant date a contour map of Ottawa and vicinity, so that when this is an accomplished fact the interpretation of many phenomena, especially in Pleistocene geology, will be greatly facilitated and their correlation made easy. Such a map would fill another long-felt want.

*Pleistocene plants.* The fossil plants collected by different members of the Club and others at different times, were some time ago forwarded to Prof. D. P. Penhallow of the Botanical Laboratories at McGill University, and he has kindly determined them, and these are now all labelled by that eminent authority, so that as soon as there is room to exhibit them in the National Museum on Sussex street or in the new Museum to which we are all looking with earnest hope, the extinct flora of the Green's Creek period will be seen to advantage. From the last collections sent to Prof. Penhallow by the writer he has determined no less than nineteen species of plants from the marine fossiliferous clays of Besserers Springs and adjacent shores of the Ottawa River.

*"Geology of the Principal Cities of Eastern Canada,"* by the writer. In this paper, published by the Royal Society of Canada last year, I have endeavoured to put together in condensed form the results of twenty-four years' work in the neighbourhood of Ottawa. A table containing lists of the formations and of the systems under which these fall, of the characteristic fossils they contain, as well as of the thicknesses of the strata, constituting each as known to date, are given, together with lists of the localities where these formations may be studied to advantage. This will, it is hoped, save much time and labour on the part of those who will come after us in studying the geology of this part of Canada. Similar lists and tables are also prepared for the cities of Montreal, Toronto and Quebec by the writer, and by Dr. G. F. Matthew for St. John City, N.B. Attention is called to this paper on account of the reference to the Ottawa formations therein contained.