

saxicava sands (in our section), and higher still. From the summit we got a view of a vast and interesting horizon.

Allow me to recall to you the scene of that delightful day on the summit, and to photograph, not the glorious country in sight, but the Field-Naturalists' Club, for future reference. A hundred people and more, of scientific culture and occupation, resident at the Capital of the Dominion—including botanists, entomologists, geologists, palaeontologists and other specialists of reputation and standing, ladies and children—with nets and collecting cases are grouped on the summit of a *roche moutonnée* and its adjacent slopes. They have come in omnibuses and buggies; and in ascending the mountain afoot they have learned each a pleasant lesson from the lips of Nature. Recall the freshness of those living truths, of which the biological leaders spoke; the pages of the first day of the creation which the geological leader told us how to read with our own eyes. Recall the company—the thoughtful men, the bright women and children, and tell me whether or not, having seen that picture, you believe the Capital of the Dominion, (now publishing its monthly scientific periodical, THE OTTAWA NATURALIST) has a respectable constituency of scientific men and women to-day? Ottawa is becoming more and more representative of the Dominion. Its scientific constituency has been organized; henceforth it has a more important duty to perform.

East, west and south the mountain overlooks a plain, which we saw in approaching Chelsea, was in large part a terrace, composed of led a clay. At Chelsea this is 270 feet above the sea; 150 feet above the Ottawa river, and 80 feet above the Ottawa Post Office.

Between Chelsea and Kingsmere we rose over hills of sand. About the level of Kingsmere a general upper level of the sand hills skirts the mountain on the southern and eastern side, as you will recall, and recognize by this sketch of the mountain as seen from Parliament Hill, Ottawa City. [Sketch on board—drawn in the form of a section—of the clays, sands and gravels from the level of the Gatineau river.]

I made it my business to trace afoot the upper surface of the sand hills, from Kingsmere to the south-eastern corner of the mountain,