

much larger and older cylindrical bodies of the Potsdam sandstone which have puzzled so many observers. The papers on *Balanus Hameri*, from River Beaudette, and on the varietal forms of the recent *Mya*, compared with those in the Pleistocene, were supplementary to papers formerly published on these subjects, and added to the mass of material furnished by the St. Lawrence Valley in reference to the life of the so-called "Glacial" period. The contribution of Mr. Chalmers I regard as much more important, and as illustrating by a large collection of facts the conclusion that we have to explain the Glacial phenomena of Western Canada not by an imaginary and physically impossible ice sheet, but by local glaciers, aided by floating ice. This view, which I have again and again endeavored to impress on geologists too much addicted in this matter to invoke the aid of portentous and improbable causes, has been amply vindicated by the careful observations of Mr. Chalmers in Eastern Quebec and New Brunswick. We may also place among papers relating to recent geology those of Professor Spencer on the St. Lawrence Basin and the Great Lakes, and of Mr. Drummond on the Lake Basins of the St. Lawrence. Mr. Spencer, one of our younger Canadian geologists, now transferred to an important professorship in the United States, has for many years pursued an elaborate series of observations and measurements on the former levels of the lakes, and more especially as to the evidence of unequal lifting of the lake terraces depending on the warping of the earth's crust in the elevation of the continent. These observations when complete will form very important contributions to the Physical geography as well as geology of North America. Our botanical papers we owe to Prof. Penhallow, Prof. Goodwin and Mr. Ami. That on ringed trees was a curious contribution to vegetable physiology. Another directed our attention to the edible qualities of a fruit not hitherto regarded with much favor, that of *Shepherdia Canadensis*, and the local flora of Montebello was connected with the excursions of the Society to that place, on the kind invitation of Mr. Papineau, and was an illustra-