

The Paper was illustrated by a geological map of a portion of Upper Canada, and with a section of the country between Lakes Huron and Erie. It is the intention of the Council to publish Mr. Logan's valuable Paper, together with the accompanying Map and Section.

The thanks of the Institute were ordered to be presented to Mr. Logan for his important Paper, and the valuable Maps which accompanied it.

#### The Royal Society and the Canadian Institute.

We have much pleasure in calling the attention of the members of the Canadian Institute to the following Minutes of the Council of the Royal Society. The advantage and importance of receiving early impressions of the proceedings of the most distinguished Scientific Society in the British Empire, and perhaps in the world, cannot be too highly estimated.

Read the following letter from Captain Lefroy, addressed to the Secretary;

"Woolwich, October 27, 1853.

"Sir,—I have the honour to request that you will lay before the Council of the Royal Society, an application which I am authorised to make on behalf of the Canadian Institute of Toronto, U.C. for the privilege of receiving the Philosophical Transactions and Proceedings of the Royal Society.

"I beg to state that the Canadian Institute is a regularly incorporated Scientific Society, having a Royal Charter. A monthly publication called the *Canadian Journal* emanates from it, and although of very modest pretensions and still in its infancy, the Society has met with very encouraging success. It numbers over 300 members, distributed over every part of Upper and Lower Canada. It would greatly gratify its members, and add to their claims to the public support, were it to be honoured with this proof of the sympathy and encouragement of the Royal Society. Perhaps I may be permitted to remark, that while five copies are distributed in the United States, no Institution in British America appears, by the printed list, to be so honoured; and I have reason to believe that only one Public Library (that of the Legislature at Quebec) contains the work.

"In thus applying on behalf of a Society in which I am personally interested, I am desirous at the same time of submitting for consideration a larger question; namely, whether it may not be made a rule to supply single copies of the Philosophical Transactions, at a cost only covering paper, presswork, and binding, to all regularly incorporated Scientific or Literary Societies in the British Colonies that may conform to certain necessary conditions. Having passed the last thirteen years principally in the Colonies, I may be permitted to state, that in my humble opinion, everything which can strengthen their moral ties to the mother country is worthy the attention of all who value that connection. A measure of this comprehensive favour and liberality would be received with a grateful feeling by the most educated and enlightened classes of Colonial Society; while its probable effect, if adopted generally by the great Societies, would be invaluable. The number of copies that might be claimed under such a rule would not, I think, exceed twenty at present, and I cannot but submit the measure, with much respect, as one it would be worthy of the Royal Society to adopt.

"I have the honour to be, Sir,

"Your most obedient Servant,

"The Secretary, &c. &c. &c.,  
Royal Society."

"J. H. LEFROY,  
"Captain R.A. F.R.S."

Resolved,—That Captain Lefroy be referred to the Officers of the Society to report on to the Council.

#### REPORT.

With reference to the Minutes of Council of the 24th November, containing a letter from Captain Lefroy, the Officers recommend that the Canadian Institute of Toronto should be placed upon the List of Institutions to which the Proceedings of the Royal Society should be presented, and that the Sheets of the Proceedings as they are printed be sent by post to an Agent in London, who may be appointed by the Canadian Institute to receive them.

If, further, the Canadian Institute be desirous to be supplied with the Philosophical Transactions at a low rate of purchase, the Officers recommend that advantage be taken of the privilege possessed by the Fellows of the Society of purchasing the volumes five years after their publication for one third of the cost price.

Resolved,—That the above recommendation be adopted.

#### The Canadian Journal.

The present number of *The Canadian Journal* is published by Thomas Maclear & Co., the successors to the Book and Stationery business of the late Hugh Scobie, Esq. We are assured that whatever defects may be observed in the typographical execution of this number, they will be remedied as soon as a fresh supply of type arrives from the manufacturers. The unavoidable derangement in the establishment of the late Publisher, during the long illness which preceded his decease, and the subsequent changes which occurred in the various departments of business over which he presided, will, we believe, satisfactorily account for, and excuse, the defects occasionally evident in the mechanical execution of some late numbers. Arrangements are now being made to publish the Journal on the 1st instead of the 15th of the month, as heretofore.

Want of space prevents the insertion of descriptions of the Great Western, and the Buffalo, Brantford and Goderich Railways, which are now in operation; the former throughout its entire length from the Niagara River to Detroit: the latter from the Niagara River to Brantford. The same cause excludes for the present, the Prize List of the Canadian department at the New York Exhibition of the Industry of all Nations. These omissions will be supplied in the March number.

#### Notices of Books.

*Elementary Chemistry*, by G. Fownes, F.R.S. Edited by R. Bridges, M.D. Lea & Blanchard, Philadelphia.

There has scarcely ever appeared a Manual of any Science, that has acquired so high a reputation as "Fownes's Chemistry for Students." Appearing after the later editions of Turner's Elements, and the earlier ones of Graham & Kane, Mr. Fownes's work, the third edition of which was finished only a few days before his decease, has pretty universally taken the place of those works in England, and considering the very moderate price of the present American edition, it is sure to do so in this country.