

II. Professor Chapman deposited with the Institute, on the part of T. Sterry Hunt, Esq., of Montreal, a sealed packet, containing a notice of some researches to be communicated to the Institute, hereafter, in a more complete form.

III. *The following Papers were read :*

1. By Rev. Prof. Young, M.A.:

"On the impossibility of representing by Algebraical functions the roots of Equations of a higher order than the fourth."

2. By F. W. Cumberland, Esq., C. E.:

"Notes on the paper read by Mr. Henning at the last meeting, on our Educational System."

3. By M. A. Coulon, C.E.:

"On an improved floor, specially applicable for ground floors."

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SIXTEENTH ORDINARY MEETING—17th April, 1858.

Col. BARON DE ROTTENBURG, C.B., Vice-President, in the Chair.

I. *The following Gentlemen were nominated for election as Members :*

THOMAS REYNOLDS, Esq., M.D., Brockville, C.E.

J. J. BURROWS, Esq., Kingston.

*The following Gentlemen were nominated for election as Junior Members :*

G. T. CAERUTHERS, Esq., Trinity College, Toronto.

C. J. BETHUNE, Esq., " " "

II. *The following Paper was read :*

By F. W. Cumberland, Esq., C.E.:

"Notes on the course of the Western Trade, Eastward to the Atlantic."

III. Messrs. SPREULL, and SPRATT were nominated Auditors for the present year.

IV. The Chairman announced this meeting as the closing one, and took occasion to congratulate the Institute on having thus brought another session to a successful termination. The communications read before the meetings had been of a highly varied character, and while he believed that they had in some respects been less attractive to many than those of some previous seasons, he was inclined, from his own observation, to look upon this as no unfavorable aspect. The communications of this year would, he believed, be found to have included more of a strictly scientific character than in any previous session; and if some of them were on that account, less calculated to interest a popular audience, they would be found to maintain and extend that scientific character which it was most desired that the Journal of the Canadian Institute should assume. The prospects of the Society were now, in all respects, most encouraging. Their library had been greatly extended, by valuable additions of a strictly scientific character, both by purchase and gift: and its utility had been largely increased through the exertions of their efficient Librarian, Prof. Croft, by whom it had been systematically classified, arranged and catalogued, during the session now brought to close.

In concluding, the Vice-President invited the attention of the members during the approaching summer to such subjects of interest in science, literature, and the mechanical and industrial arts, as may furnish materials for valuable communications to future meetings, and contributions to the Journal of the Institute. He then declared the adjournment to the 1st Saturday in December.