

CANADIAN INSTITUTE.

SESSION—1859-60.

TWELFTH ORDINARY MEETING—10th March, 1860.

Professor WILSON, LL.D., President, in the Chair.

I. *The following Donation for the Library was announced, and the thanks of the Institute voted to the donor :*

From Hon. J. M. Brodhead, Washington.

Explorations for a Railroad route from the Mississippi to the Pacific Ocean.
Vol. X.

II. *The following Papers were read :*

1. By the Rev. Prof. Hincks, F.L.S. :

"On the true aims, foundations, and claims to attention of Political Economy."

2. By W. Martin, LL.D. :

"On some geometric problems relating to curves having double contact."

3. By J. H. Dumble, Esq. C.E. :

"On the Expansion and Contraction of Ice."

THIRTEENTH ORDINARY MEETING—17th March, 1860.

Prof. DANIEL WILSON, LL.D. President, in the Chair.

I. *The following Donation for the Library was announced, and the thanks of the Institute voted to the donor :*

From Major R. Lachlan, Cincinnati.

Meteorologische Waarnemingen in Nederland en Zyne Bezittingen, su afeoykingen van Temperatureur en Barometerstand op vele Plaasten en Europa. Uitgegeven door het Koninklyk nederlandsch Meteorologisch Instituut, 1856 and 1857. Quarto. Two Vols.

Fourth Meteorological Report of Professor James P. Espy, to the United States Government, 27th July, 1854. Quarto. Two Vols.

II. *The following Papers were read :*

1. By Professor Chapman :

"On the Geological structure of the 'Blue Mountains' near Collingwood." (2.)

"On some simple rules for calculating the thickness of Inclined Strata." And (3.)

"On a new species of *Agelacrinites* from Peterboro', C. W."

2. By the Rev. Professor G. P. Young, M.A. :

"Proof of the impossibility of representing the common transcendental functions of a variable, as finite algebraical functions."

3. By Professor Wilson, LL.D.

"On the origin of Alphabets, in reference to the question of the age of Man."