

# PROCEEDINGS

OF THE

## Nova Scotian Institute of Natural Science.

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### VOL. VII. PART II.

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PROVINCIAL MUSEUM,  
12th October, 1887.

#### ANNIVERSARY MEETING.

JOHN SOMERS, M. D., F. R. M. S., *President*, in the chair.

THE Annual Address was delivered by the PRESIDENT. He pointed out the valuable work of the Institute in collecting facts for future generalizations in Science. He also urged upon members the duty of taking up fields of scientific inquiry hitherto left unexplored in this Province.

THE TREASURER'S Account Book and vouchers were presented, audited, and found correct.

THE LIBRARIAN'S Report was read, and gave full information regarding the Library. The Report was adopted and referred to the Council.

THE SECRETARY was instructed to present to Hon. Mr. CHURCH, Commissioner of Public Works and Mines, the thanks of the Institute for the use of the Provincial Engineer's rooms.

The following were elected Office-bearers and Members of Council for the current year:

*President*—JOHN SOMERS, M. D.

*Vice-Presidents*—J. G. MCGREGOR, D. Sc., &c., A. H. MCKAY, B.A., B. Sc., &c.

*Corresponding Secretary*—REV. D. HONEYMAN, D. C. L.

*Recording Secretary*—ALEXANDER MCKAY.

*Treasurer*—W. C. SILVER.

*Librarian*—A. J. DENTON, A. B.

*Councillors*—E. GILPIN, A. M., M. BOWMAN, J. J. FOX, S. D. MACDONALD, WM. GOSSIP, M. MURPHY, C. E., GEORGE LAWSON, Ph. D., LL. D.

ORDINARY MEETING, PROV. ENGINEER'S OFFICE,  
14th November, 1887.

DR. SOMERS, *President*, in the chair.

*Inter alia.*

A Paper was read by DR. HONEYMAN, "The Glacial Geology of Nova Scotia, Theories of Sir J. W. Dawson and T. Belt, Esq."

MR. A. P. SILVER was proposed a member.

ORDINARY MEETING, PROV. ENGINEER'S OFFICE,  
12th December, 1887.

DR. SOMERS, *President*, in the chair.

*Inter alia.*

PROF. JOHN DUNS, D. D., of New College, Edinburgh, was proposed a corresponding member.

Reported, that MR. A. P. SILVER had been duly elected by the Council.

MR. THOMAS FYSHE was proposed as a member.

MR. A. P. SILVER read a paper "On the Diurnal Lepidoptera of Nova Scotia."

ORDINARY MEETING, PROV. ENGINEER'S OFFICE,  
9th January, 1888.

PROF. MCGREGOR, *Vice-President*, in the chair.

*Inter alia.*

Reported, that PROF. JOHN DUNS, D. D., of New College, Edinburgh, and MR. THOS. FYSHE had been duly elected by the Council.

MR. FARIBAULT was proposed as an associate member.

PROF. MCGREGOR read a paper, "The Elementary Treatment of the Propagation of Longitudinal Waves."

DR. HONEYMAN read a paper on Carboniferous Flora with Spirorbes attached.

ORDINARY MEETING, PROV. ENGINEER'S OFFICE,  
13th February, 1888.

MR. MURPHY, C. E., in the chair.

*Inter alia.*

DR. HONEYMAN read a note from Rev. J. AMBROSE, A. M., "Perforated Stone Implements—their uses."

Also, a note by LIEUT. VODGES relating to "The Giant Trilobites of Moose River Iron Mines, as described in 1837."

MR. HARRY PIERS read a paper, "Studies in the Provincial Museum: 1st Fishes; 2nd, Fish Development."

MR. FARIBAULT was reported as duly elected by the Council.

ORDINARY MEETING, PROV. ENGINEER'S OFFICE,  
12th March, 1888.

DR. SOMERS, *President*, in the chair.

*Inter alia.*

A paper was read by E. GILPIN, M.E., Analysis of Cape Breton Coals.

DR. MCGREGOR delivered an address on "Lockyer's Spectroscopic Investigations of Meteorites."

ORDINARY MEETING, PROV. ENGINEER'S OFFICE,  
9th April, 1888.

DR. SOMERS, *President*, in the chair.

*Inter alia.*

DR. LAWSON read a paper on the "Life History of the Plant."

The appointment of a delegate to the Royal Society of Canada was left to the Council.

ORDINARY MEETING, PROV. ENGINEER'S OFFICE,  
14th May, 1888.

MR. ANDREW DOWNS in the chair.

*Inter alia.*

DR. HONEYMAN read a paper on "The Nomenclature of the Archæan Rocks of Arisaig, N. S., and George's River, C. B."

MR. H. PIERS read a paper on "The Japanese Magic Mirror of the Museum."

DR. HONEYMAN read papers:

1. "Nova Scotian Surface Geology, mapped, systematised and illustrated."
2. "Our Museum Meteorites—Celestial and Terrestrial Teachings—Danbree."