

PROCEEDINGS  
OF THE  
**Nova Scotian Institute of Natural Science.**

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VOL. VII. PART IV.

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ANNUAL BUSINESS MEETING, Halifax, 9th Oct., 1889.

The PRESIDENT *in the Chair*.

The Minutes of the last annual meeting were read and approved.

The Treasurer's Accounts were audited by R. J. WILSON and H. PIERS.

The following were elected Members of Council for the current year:—

*President*—Prof. J. G. MACGREGOR, D. SC.

*Vice-Presidents*—MARTIN MURPHY, C. E., A. H. MACKAY, B. A., B. SC.

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

*Recording Secretary*—ALEXANDER MCKAY.

*Treasurer*—W. C. SILVER.

*Librarian*—MAYNARD BOWMAN.

*Councillors without office*—Prof. GEO. LAWSON, LL. D., E. GILPIN, JR., A. M., F. G. S., J. SOMERS, M.D., J. J. FOX, H. W. W. DOANE, R. J. WILSON, AUGUSTUS ALLISON.

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ORDINARY MEETING, Art School Rooms, Nov. 11, 1889.

The PRESIDENT *in the Chair*.

*Inter alia*.

On motion of Prof. G. LAWSON, seconded by Mr. M. MURPHY, it was resolved that the following record of the sentiments of the Institute, on the occasion of the death of Rev. Dr. HONEYMAN, be placed in the Minutes:—

“Since our last meeting it has pleased the Almighty to call away from us our fellow member, the Rev. Dr. HONEYMAN, who departed this life on the 17th day of October last. We desire to embrace this first occasion of our assembling together since the solemn event to express and place on record our feelings of respect and esteem for our late colleague, as an active and enthusiastic naturalist, an earnest and devout searcher for truth, a warm friend, genial companion, and vivacious expounder of his favorite science. His assiduous researches, extending over a period of many years, on the geology of a considerable portion of the northeastern part of Nova Scotia, have made his name known wherever the science is studied. As an official of the Nova Scotian Government, at several of the International Exhibitions held in Great Britain and France, he did much to make widely

known the rich treasures of mining, agricultural and marine wealth of our Province. As Curator of the Provincial Museum he was instrumental in bringing together much of the material which it contains, and was ever ready, in the most cheerful manner, to afford to visitors or students such explanation and assistance as they required. Dr. HONEYMAN'S death will be widely felt, not merely as a loss to our community and to the Province, but to Science at large. Especially do we feel it in this Institute, of which it may be truly said, that he was for a long course of years the most active member.

"We desire further to express our heartfelt sympathy with his widow and daughters, who, in their sad bereavement, have yet the blessed comfort that they sorrow not as those who have no hope."

The PRESIDENT read an opening Address, chiefly on the subject of the Provincial Museum. (See p. 319).

DR. SOMERS read a paper, "Nova Scotian Fungi." (See *Transactions*, p. 464).

ORDINARY MEETING, Art School Rooms, 9th December, 1889.

The PRESIDENT *in the Chair*.

*Inter alia.*

The PRESIDENT read a paper by the late Rev. Dr. Honeyman, entitled, "Glacial Geology of Cape Breton." (See *Transactions*, p. 337). He also gave a short sketch of Dr. Honeyman's work in connection with investigations relating to glacial phenomena.

ORDINARY MEETING, Art School Rooms, 13th Jan., 1890.

The PRESIDENT *in the Chair*.

*Inter alia.*

The PRESIDENT read a paper by the late Rev. Dr. Honeyman, entitled, "Geological Gleanings in Nova Scotia and Cape Breton." (See *Transactions*, p. 345.)

The SECRETARY read a paper by E. GILPIN, F.G.S., entitled, "On the Geological Writings of Dr. Honeyman." (See *Transactions*, p. 357).

DR. A. P. REID read a paper entitled, "Stirpiculture or the Ascent of Man."\*

ORDINARY MEETING, Art School Rooms, 10th Feb., 1890.

The PRESIDENT *in the Chair*.

*Inter alia.*

The REV. M. MAURY, D. D., read a paper entitled, "Observations on the Tentacles of the Echinus." (See *Transactions*, p. 479.)

F. A. BOWMAN, M. A., B. E., read a paper on "Potassic Iodide as a Blowpipe Reagent." (See *Transactions*, p. 363.)

The PRESIDENT read a paper, "On the Relative Bulk of aqueous Solutions of certain Hydroxides, and their constituent water." (See *Transactions*, p. 368.)

Also another paper: "On a noteworthy case of the occurrence of ice in the form of non-crystalline columns." (See *Transactions*, p. 377.)

\*This paper was published by its author in pamphlet form.

ORDINARY MEETING, Art School Rooms, 10th March, 1890.

The PRESIDENT *in the Chair*.

*Inter alia.*

M. MURPHY, C. E., read a paper entitled, "Our Common Roads." (See *Transactions*, p. 429).

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SPECIAL MEETING, Art School Rooms, 24th March, 1890.

The PRESIDENT *in the Chair*.

*Inter alia.*

On motion of A. ALLISON and the Secretary, it was "resolved that this Society be hereafter called the Nova Scotian Institute of Science."

On motion of MESSRS. BOWMAN and Allison, it was resolved "that the Council be authorized to apply to the Legislature for an Act of Incorporation."

A Paper by the REV. DR. AMBROSE, on "Our Fishes and their Enemies," was read. (See *Transactions*, p. 394.)

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ORDINARY MEETING, Art School Rooms, 14th April, 1890.

*Inter alia.*

The President read a Paper by E. GILPIN, JR., F. G. S., on "The Devonian of Cape Breton." (See *Transactions*, p. 381.)

Also, a Paper by H. S. POOLE, F. G. S., on "The Surface Geology of the Pictou Coal Field." (See *Transactions*, p. 388.)

REV. M. MAURY, D. D., read a Paper entitled, "A Contribution to the Theory of Earthquakes." (See *Transactions*, p. 475.)

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ORDINARY MEETING, Provincial Museum, May 12, 1890.

The PRESIDENT *in the Chair*.

*Inter alia.*

A Paper by MESSRS. W. F. GANONG and H. PIERS was read, entitled: "John Robert Willis, the first Nova Scotian Conchologist,—A Memorial: His life; his List of Nova Scotian Shells, and his other published works." (See *Transactions*, p. 404).

Also, a Paper by A. M. MORRISON, B. A., on "The variation of density with concentration in weak aqueous solutions of Cobalt Sulphate." (See *Transactions*, p. 481).

A Paper by H. PIERS, entitled: "Notes on Nova Scotian Zoology," was read by title. (See *Transactions*, p. 467).

ALEXANDER MCKAY,  
*Recording Secretary.*