

PROCEEDINGS

OF THE

Nova Scotian Institute of Natural Science.

VOL. III. PART III.

Provincial Museum, Oct. 9th, 1872.

ANNIVERSARY MEETING.

J. M. JONES, Esq., *President, in the Chair.*

Inter Alia.

A VOTE of thanks to the President for his very valuable services was proposed and carried by acclamation.

The following office-bearers for the next year were then elected.

President—J. M. JONES, Esq.

Vice Presidents—Dr. GILPIN, and Dr. LAWSON.

Treasurer—W. C. SILVER, Esq.

Secretaries—Rev. Dr. HONEYMAN, and ANGUS ROSS, Esq.

Council—Dr. DEWOLFE, Rev. Dr. WARREN, FRED. ALLISON, Esq., A. RUTHERFORD, Esq., WM. GOSSIP, Esq., Dr. REID, ADAM MCKAY, Esq., W. C. SILVER, Esq., Sheriff BELL, Dr. LAWSON, Rev. Dr. HONEYMAN, Dr. GILPIN, ANGUS ROSS, Esq.

A vote of thanks to the Halifax Press, for insertion of notices of meeting, gratuitously, and for readiness shown in the insertion of communications relating to the work of the Institute, was proposed and carried unanimously.

B. COCHRAN, Esq., Postmaster, Halifax, Henry Poole, Esq., Inspector of Mines, Henry Y. Clarke, Esq., were proposed as members,—Jabez Turner, Esq., of Madden Grange, Peterboro, England, a Corresponding Member.

Dr. REID then made a few observations on the establishment of Salt and Fresh water Aquaria. He showed the desirableness of having these valuable auxiliaries to Public Instruction.

Members were agreed in considering Aquaria desirable, but were not prepared to recommend their establishment by the Institute.

ORDINARY MEETING, NOVEMBER 11, 1872.

DR. GILPIN, *V. P., in the Chair.*

IT WAS announced that Messrs. B. COCHRAN, HENRY S. POOLE, and HENRY Y. CLARKE, proposed as members at last meeting, and Mr. JABEZ TURNER, proposed as Corresponding Member, had been duly elected by the Council.

Dr. HONEYMAN then read a paper "*On Crystalline Rocks of Nova Scotia and Cape Breton.*"

Dr. GILPIN read a paper "*On the Eagles of Nova Scotia.*"

ROBT. MORROW, Esq., made a few observations on the anatomy of the "Moose." He stated that he had examined the Moose very particularly during the past hunting season, and had ascertained beyond doubt that the Moose had no gall bladder. This was in answer to a question that had been asked at a meeting last Session, when Dr. Gilpin read his paper on the Moose.

Mr. MORROW also showed an illustration of the malformation of a kidney of a Moose, while the other kidney was properly formed.

ORDINARY MEETING, DEC. 9, 1872.

Inter alia.

THE following gentlemen were proposed as members: the Hon. Wm. B. Vail, *Provincial Secretary*; Mr. Edward Binney; Mr. G. A. Sandford; T. B. Akins, D. C. L.; Mr. Alexander James.

THE CHAIRMAN then made some observations on a specimen of *Corregonus albus* from Labrador, directing attention to its structural peculiarities.

Dr. REID read an elaborate paper "*On the Economy of Timber and the preservation of Structures from fire and decay.*"

THE paper was illustrated by interesting experiments showing principally the manner in which wood, prepared by a solution of silica or otherwise, resisted combustion. The reading of the paper was followed by a lengthy discussion in which difficulties were suggested, and other processes for preserving timber for special purposes described.

ORDINARY MEETING, JAN. 13, 1873.

SHERIFF BELL *in the Chair.*

Inter alia

IT was announced that the Council had duly elected as members the Hon. W. B. VAIL, T. B. AKINS, D. C. L., Messrs. EDWARD BINNEY, ALEX. JAMES, G. SANDFORD.

Mr. H. S. POOLE read a paper "*On the Great American Desert, and the effects of Subaerial action on the constituents of mineral veins in that region.*"

ORDINARY MEETING, FEBRUARY 10, 1873.

DR. GILPIN, V. P., *in the Chair.*

Inter alia.

THE following gentlemen were proposed as members: the Hon. James McDonald, M. P., Mr. E. Mosley, Mr. G. P. McNab, Mr. F. H. Baker.

Dr. GILPIN read an elaborate and interesting paper, "*On the Stone Age in Nova Scotia.*"

Rev. DR. HONEYMAN read a paper "*On the Metamorphism of Rocks in Nova Scotia and Cape Breton.*"

Mr. H. POOLE from Cape Breton being present, as about to take farewell of the Institute, it was proposed, seconded, and carried by acclamation, "That the Institute express a sense of obligation to Mr. POOLE for the interest he had taken in its Transactions since its establishment, and of the regret at the prospect of his leaving the Province, and consequently of his ceasing to be an actual member." A hope was at the same time expressed that Mr. POOLE would still continue to take an interest in the prosperity of the Institute, and favor it with occasional correspondence. Mr. POOLE gave some account of his connection with the Institute. He was one of the few surviving members who first met to organize this Institute, and he contrasted the circumstances under which they then met, with the elegant place and surroundings of their present meeting. He also intimated that he had presented his valuable Geological Collection to the Provincial Museum, where it would be available for the use of the Institute, and gave assurance that he would still continue to take an interest in its Proceedings.

ORDINARY MEETING, MARCH 10, 1873.

DR. GILPIN, V. P., in the Chair.

Inter alia.

IT was announced that the Hon. J. McDONALD, M. P., Mr. E. MOSELEY, Mr. G. P. McNAB, and Mr. F. H. BAKER, had been duly elected by the Council as members of the Institute.

It was proposed and seconded, that Mr. H. POOLE be elected Corresponding Member, and Mr. Edwin Gilpin an Associate Member.

MR. EDWIN GILPIN having been called upon by the Chairman, read an excellent paper "*On the grouping of the Pictou Coal Seams.*"

MR. FRED. ALLISON then read a paper by MR. H. POOLE, "*On the Meteorology of Glace Bay, Cape Breton.*"

ORDINARY MEETING, APRIL 14, 1873.

DR. GILPIN, V. P., in the Chair.

Inter alia.

IT was announced that Mr. H. POOLE had been duly elected by the Council as a Corresponding Member, and Mr. EDWIN GILPIN an Associate Member.

MR. A. ROSS, Secretary, read a letter from the President, J. M. Jones, Esq., containing notes "*On the Historical Features of the Bermudas.*"

MR. GOSSIP then read a paper "*On the Affinity of Races.*" This paper which was lengthy and elaborate advanced many interesting and curious views, somewhat different from those generally received.

ORDINARY MEETING, MAY 12, 1873.

DR. GILPIN, *V. P. in the Chair.*

Inter alia.

Mr. Peter Jack was proposed and seconded as a member.

Mr. FORSHAW DAY, Artist, read a very interesting paper "*On the Specific characters of English and American Skies and Clouds.*"

Mr. ALLISON read an excellent paper "*On Progress in Weather Knowledge.*"

The REV. DR. HONEYMAN read "*The Story of a Nova Scotian Boulder.*"

D. HONEYMAN,
Secretary