

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

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SESSION OF 1923-1924  
(Vol. XVI., Part 2).

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SIXTY-SECOND ANNUAL BUSINESS MEETING

*Physiological Lecture Room, Dalhousie College, Carleton Street,*

*Halifax, 14th November, 1923.*

THE PRESIDENT, PROF. CARLETON BELL NICKERSON, in the chair. Other members present: D. J. Matheson, Prof. D. S. McIntosh, Dr. A. H. MacKay, Dr. A. G. Nicholls, Dr. John Cameron, E. W. Todd, Prof. H. S. King, Prof. W. P. Copp, Prof. W. F. McKnight and H. Piers.

The President delivered a short opening address, in which he dealt with the welfare of the society and the increasing difficulty of obtaining original papers.

The Treasurer's report was presented by Mr. Matheson, showing that the receipts of the year ended 14th November, were \$1,748.10; the expenditures, \$109.02; and the balance on hand, in current account, \$1,639.08; while the reserve fund balance was \$156.55.—The report was received and adopted.

The Librarians report was presented by Mr. Piers, showing that 1,466 books and pamphlets had been received through the exchange list during 1922. The total number of books and pam-

phlets received by the Provincial Science Library (with which that of the Institute is incorporated) during 1922, was 1,707. The total number in the Science Library on 31st December, 1922, was 67,164. Of these, 49,591 (about 74 per cent.) belong to the Institute, and 17,573 to the Science Library proper. 138 books were borrowed, besides those consulted in the Library. No binding or purchasing has been done, there having been no money grant available for the library since 1907.—The report was received and adopted.

It was reported that J. B. Fielding, Halifax, had been elected a member on 2nd October.

It was resolved that a course of popular lectures be again given during this session.

Officers for the ensuing year (1923-24) were elected as follows:

*President*,—PROF. CARLETON BELL NICKERSON, M. A.,  
*ex-officio* F. R. M. S.

*First Vice-President*,—PROF. JOHN HAMILTON LANE JOHN-  
STONE, M.Sc., Ph.D., M.B.E.

*Second Vice-President*,—PROF. ALBERT G. NICHOLLS, M.  
D., D.Sc., F.R.S.C.

*Treasurer*,—DONALD J. MATHESON, B.Sc.

*Corresponding Secretary*,—PROF. DONALD S. McINTOSH,  
M.Sc.

*Recording Secretary and Librarian*,—HARRY PIERS.

*Councillors without office*,—A. H. MACKAY, LL.D., F. R.  
S. C.; PROF. D. FRASER HARRIS, M.D., D.Sc., F.R.  
SS. E. and C.; PROF. HUGH P. BELL, M.Sc.; STEP-  
HEN G. RITCHIE, D.M.D.; PROF. HOWARD L. BRON-  
SON, Ph.D., F.R.S.C.; PROF. HAROLD S. KING, B.A.,  
and FRANK W. RYAN, D.D.S.

*Auditors*,—P. R. COLPITT and E. C. ALLEN.

## FIRST ORDINARY MEETING

*Physiological Lecture Room, Medical Science Building, Dalhousie College, Halifax, 14th January, 1924*

THE PRESIDENT, PROF. NICKERSON, in the chair.

A paper, entitled "A NOVA SCOTIAN LIFE TABLE," was read by DR. ARTHUR C. JOST, Provincial Health Officer, Halifax.

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## FIRST POPULAR LECTURE

*Physiological Lecture Room, Medical Science Building, Halifax, 28th January, 1924*

THE PRESIDENT, PROF. NICKERSON, in the chair, and about thirty persons present.

E. CHESLEY ALLEN, Superintendent of the School for the Blind, delivered a popular lecture, entitled "THE LURE OF NATURE HIKING."—The subject was discussed by the PRESIDENT, DR. RITCHIE, PROF. KING, DR. JOHNSTONE, MR. PIERS, MR. FEILDING, MISS MARY FLETCHER, MRS. W. L. PAZYANT, and MR. TODD.

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## SECOND POPULAR LECTURE

*Physiological Lecture Room, Medical Science Building, Halifax, 25th February, 1924.*

THE PRESIDENT, PROF. NICKERSON, in the chair.

PROF. DOUGLAS McINTOSH, D.Sc., Dalhousie University, delivered a popular lecture on "THE AGE OF THE EARTH."

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## THIRD POPULAR LECTURE

*Physiological Lecture Room, Medical Science Building, Halifax, 31st March, 1924.*

THE PRESIDENT, PROF. NICKERSON, in the chair.

DR. STEPHEN G. RITCHIE, delivered a popular lecture on "MUSICAL SOUNDS, THEIR NATURE AND QUALITY," illustrated by lantern slides.

## SECOND ORDINARY MEETING

*Physiological Lecture Room, Medical Science Building, Halifax,  
21st April, 1924.*

THE PRESIDENT, PROF. NICKERSON, in the chair.

In the absence of the author, MR. PIERS read a paper by FREDERICK C. CHURCHILL, Los Angeles, Cal., on "RECENT CHANGES IN THE COAST LINE IN THE COUNTY OF KING'S, N. S." The subject was discussed by PROF. D. S. McINTOSH, MR. PIERS, DR. D. McINTOSH, THE PRESIDENT, and DR. CAMERON.

PROF. HAROLD S. KING, B.A., Dalhousie University, read a paper on a "MODIFICATION OF THE ADAMS METHOD OF PREPARING ALKYL IODIDES."—The subject was discussed by the PRESIDENT, DR. D. McINTOSH, DR. BRONSON, and DR. RITCHIE.

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FOURTH POPULAR LECTURE

*Assembly Hall, N. S. Technical College, Halifax,  
28th April, 1924.*

THE PRESIDENT, PROF. NICKERSON, in the chair, and about eighty persons present.

PROF. M. F. BANCROFT, Acadia University, delivered a popular lecture on "SIGHT-SEEING AT BANFF AND LAKE LOUISE," illustrated by coloured lantern slides and motion-pictures. A vote of thanks was presented to Prof. Bancroft.

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THIRD ORDINARY MEETING

*Physiological Lecture Room, Medical Science Building, Halifax,  
14th May, 1924*

THE PRESIDENT, PROF. NICKERSON, in the chair.

In relation to MR. CHURCHILL'S paper of 21st April, DR. D. McINTOSH made some additional remarks on the progress of erosion on the coast of Yorkshire, England, and at Heligoland.

PROF. DOUGLAS McINTOSH, D.Sc., read a paper on "OXONIUM COMPOUNDS."—The subject was discussed by the PRESIDENT, DR. JOHNSTONE, and MR. TODD.

DR. A. H. MACKAY presented a paper on "PHENOLOGICAL OBSERVATIONS, NOVA SCOTIA, FOR 1923."—The subject was discussed by the PRESIDENT, DR. JOHNSTONE, and MR. TODD.

HARRY PIERS, curator of the Provincial Museum, presented a paper on "*Coregonus labradoricus*, an interesting addition to the Freshwater Fish Fauna of Nova Scotia."—The subject was discussed by the PRESIDENT, DR. McINTOSH, and DR. JOHNSTONE.

A committee on popular lectures was appointed as follows: DR. NICHOLLS, DR. RITCHIE, DR. JOHNSTONE, and PROF. BELL, with power to add to their number.

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#### FIFTH POPULAR LECTURE

*Physiological Lecture Room, Medical Science Building, Halifax,  
27th May, 1924*

THE PRESIDENT, PROF. NICKERSON, in the chair, and fourteen members present.

J. B. FEILDING, Halifax, delivered a popular lecture on "The Biology of the Pearly Mussel and its Ultimate use in the Button Trade," illustrated by lantern slides.

A vote of thanks was presented to MR. FEILDING.

HARRY PIERS,  
*Recording Secretary.*