

PROCEEDINGS OF MEETINGS

SESSION OF 1941-42

(All meetings were held in the Medical Science Building, Halifax)

80th Annual Business Meeting, October 13, 1941.

The President, Professor R. J. Bean read the annual address. This is printed in full.

The Treasurer's report is summarized as follows:

Receipts.....	\$ 789.31
Expenditures.....	1,263.90
Assets—Current Account, Cash and Bank...	1,024.51
Permanent Fund, Trustee Bonds.....	4,500.00

The Corresponding Secretary was not present.

The Editor reported that the 1940-1941 Proceedings was nearly ready for distribution. It contains four scientific papers, two of which have been read before the Institute.

The Librarian reported for the two years, December 1, 1938 to November 30, 1940. Accessions to the library are showing a serious decline, having dropped to less than half of the decade average of 2,659 books and pamphlets. This trend has been evident since 1935 but has been greatly accelerated because of war conditions. Borrowings from the library show a remarkable increase, having more than doubled the decade average of 1,281 but most of the increase is of text books and is not from the Institute section of the Provincial Science Library. Some 160 volumes have been bound; the publications of the following societies are now bound up to date, *Royal Society of London, Royal Society of Arts, Society of Chemistry and Industry, Geological Society (London), Society of Electrical Engineers (London), Royal Microscopical Society, American Academy of Science, American Philosophical Society, National Academy of Science, Geological Survey of Canada, Royal Canadian Institute, Fisheries Research Board of Canada and Bergen's Museum.*

Officers elected for the year 1941-1942 were:

President	Professor R. J. Bean
1st Vice President	Dr. E. Hess
2nd Vice President	Dr. F. R. Hayes
Treasurer	Professor W. P. Copp
Corresponding Secretary	Dr. M. K. McPhail
Recording Secretary	Dr. C. B. Weld
Council	Dr. D. L. Cooper, Dr. R. D. H. Heard, Dr. A. E. Cameron, Dr. H. P. Bell, Dr. E. P. Linton.
Editor	Dr. E. Hess
Librarian	Dr. F. R. Hayes
Institute Nominations to Provincial Science Library Commission—	Dr. E. Hess and Dr. F. R. Hayes.
Auditors	Dr. H. L. Bronson and P. R. Colpitt, Esq.

In the general discussion which followed, the need for reduction of expenses was brought to the attention of council. As the cost of the current number of the Proceedings alone will be considerably greater than the entire ordinary income of the Institute, it is evident that were it not for the government grant, a considerable curtailment of the activities of the Institute would be necessary. It was decided that the serving of refreshments at the Ordinary Meetings had not stimulated membership or discussion and that experiment be discontinued.

There was discussion concerning the status and powers of the Provincial Science Librarian but the suggestion that the government be asked to appoint someone with authority was not acted upon. It was thought that the time was not opportune and that action should be postponed for the duration of the war.

Extraordinary Meeting—October 23, 1941.

Dr. H. H. Brown, Director of the Sponge Fisheries Investigation of the Bahamas, spoke on "The Sponge Fisheries

of the West Indies." Attendance was good and there was much discussion. An abstract of the paper is printed in the Proceedings.

1st Ordinary Meeting, November 10, 1941.

The following new members were announced (elected by Council October 27, 1941): Ordinary, Dr. E. S. Bean; student membership, George B. Rosenfeld, Douglas Darcy, Charlotte Sullivan, Irene Pentz, George E. Mack and W. Hawkins.

Papers: "The Ferns of Nova Scotia," by A. E. Roland; "Potassium Chloride Haemolysis," by Hugh Davson; "On the Carbohydrate Metabolism of Certain Bacteria causing Decomposition of Fish," by G. J. Sigurdsson.

2nd Ordinary Meeting, December 8, 1941.

Papers: "The Metabolism of the Corpus Luteum Hormone, Progesterone," by R. D. H. Heard and M. M. Hoffman; "The Phosphorus Content of Lobster Blood and Muscle," by A. Hollett; "Observations on Sterile Cod Livers," by W. W. Johnston and A. J. Wood.

3rd Ordinary Meeting, January 19, 1942.

T. K. Bentley, Esq., was announced as new student member (elected January 5, 1942).

Papers: "Food Preferences and Consumption of Families with Low Incomes in Halifax, N. S.," by E. G. Young, "Penetration of Sugars into the Aqueous Humour of the Eye," by C. B. Weld and W. H. Feindel, "Steroids X. The Metabolism of Ovarian Follicular Hormone," by W. S. Bauld and R. D. H. Heard.

4th Ordinary Meeting, February 16, 1942.

Dr. C. J. Kerswill and Dr. J. C. Medcof were announced as new associate members (elected February 2nd).

Papers: "Steroids XI. The Isolation of a Water Soluble, Ether Insoluble Estrogen from the Urine of Estradiol-Injected

Rabbits," by W. S. Bauld, R. D. H. Heard and M. M. Hoffman; "Putty Spoilage of Salt Fish," by W. J. Dyer; "The Origin and Histology of Bordeaux Spray Russeting on the Apple," by Hugh P. Bell. Demonstration—"Pitch Discrimination in Man," by C. B. Weld.

5th Ordinary Meeting, March 16, 1942.

Miss Elizabeth Baird was announced as a new student member (elected March 2, 1942).

Papers: "The Mouse Adrenal Gland I. Observations on Early Development, Degeneration and Regeneration of the X-Zone," by M. K. McPhail and H. C. Read; "A Form of Membrane Catalysis," by Hugh Davson. Demonstration—"The Ainsley Micro Balance," by R. D. H. Heard.

6th Ordinary Meeting, April 13, 1942.

Papers: "The Relative Rate of Reduction of Trimethylamine Oxide and Sodium Nitrate by Certain Fresh Fish Spoilage Bacteria," by G. J. Sigurdsson, W. J. Dyer and A. J. Wood; "Studies on the Mouse Adrenal II. The Sensitivity of the X-Zone to Various Hormonal Substances," by M. K. McPhail and H. C. Read. Demonstration—"An Invention for Motor Cars for the Saving of Gasoline, Oil and Brake Lining," by G. A. Sandoz.

C. B. WELD
Recording Secretary