

# PROCEEDINGS OF MEETINGS

SESSION OF 1940-41

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

*79th Annual Business Meeting*, October 14, 1940, 8 p.m.

The President, Dr. H. S. King read the annual address.  
This is printed in full.

The Treasurer's report is summarized as follows:

Receipts.....	\$ 776.81
Expenditures.....	740.08
Assets.....	4,999.10

These are made up of (a) balance in Bank of N. S., \$1,235.30; (b) balance in Dominion P.O. savings account, \$263.80; (c) Maritime Telegraph and Telephone Co. bonds (6% to 1941 and 4½% to 1966), \$1,000; (d) Dominion of Canada 4½%, \$1,000; (e) Dominion of Canada 4%, \$1,000; and (f) Dominion of Canada 3½% (1st war loan), \$500.

Officers elected for the year 1940-1941 were:

President.....	Professor R. J. Bean
1st Vice-President.....	Dr. Ernest Hess
2nd Vice-President.....	Dr. F. R. Hayes
Corresponding Secretary.....	Dr. D. L. Cooper
Recording Secretary.....	Dr. C. B. Weld
Treasurer.....	Professor W. P. Copp
Editor.....	Dr. Ernest Hess
Librarian.....	None*
Councillors.....	Dr. R. D. H. Heard, Dr. M. K. McPhail, Dr. A. E. Cameron, R. A. McKenzie, Esq., Dr. H. S. King.
Auditors.....	Prof. H. L. Bronson and P. R. Colpitt, Esq.
Nominees to Provincial Science Library Commission—	Dr. G. H. Henderson and Dr. Ernest Hess.

\*Dr. Ernest Hess elected Acting Librarian by Council on November 25, 1940

Motions of thanks and appreciation to the retiring President and Editor and to the retiring Treasurer were passed unanimously and with applause.

The new President, taking the chair, stressed the need of maintaining good attendance at ordinary meetings and suggested the advisability of occasionally inviting a guest speaker.

*1st Ordinary Meeting*, November 12, 1940. The following new members were announced (elected by council October 28), Ordinary, D. K. Crowdis, Esq. and A. Hollett, Esq. and Student, W. H. Feindel, Esq. and W. S. Bauld, Esq.

Papers: Some Noteworthy Records of Fish, Salps and a Whale in the Waters Fished by Nova Scotians, by R. A. McKenzie; Steroids IV.—The Isolation from Equine Pregnancy Urine and Characterization of a New Member of the Female Sex Hormone Series, by R. D. H. Heard and M. M. Hoffman; Survival of *Escherichia Coli* and *Eberthella Typhosa* on Salt Fish, by M. Frank and E. Hess; A 35 mm Copying Camera, demonstration by F. R. Hayes.—Refreshments were served.

*2nd Ordinary Meeting*, December 9, 1940. The following new members were announced (elected by council November 25), Dr. W. J. Dyer, ordinary; Dr. A. J. Wood, ordinary; A. F. McKay, student; and Rev. George Macdonald, associate.

Papers: Steroids V.—The Kishner-Wolff Reduction of Dehydro-iso-androsterone, by R. D. H. Heard and A. F. McKay; Physiological Conditions of Certain Bacteria in Relation to their "Resting Cell" Activity, by A. J. Wood; The Effect of Fluoride on the Permeability of Red Blood Cells, by Hugh Davson.—Refreshments were served.

*3rd Ordinary Meeting*, January 13, 1941. The election of J. R. F. Warr as associate member was announced (elected by council December 30, 1940).

Papers: A New Barytes Deposit in Nova Scotia, by A. E. Cameron (read by the Secretary in the absence of Dr. Cameron); Phytin as an Organic Constituent of Soil, by

W. J. Dyer; The Synthesis of Substituted Phenanthrenes Related to the Steroids, by W. S. Bauld and C. W. Small.

The following resolution was expressed by Dr. Young and unanimously adopted, "That the members of the Nova Scotian Institute of Science at their meeting on Monday evening, January 13, 1941, wish to express and record their deep regret at the sudden death of Professor Carleton Bell Nickerson which occurred on December 30, 1940. As an enthusiastic member of the Institute of many years standing and as a former president, the Institute feels its loss keenly and will continue so to do for many years to come."—Refreshments were served.

*4th Ordinary Meeting, February 10, 1941.*

Papers: The Growth of Buds in Wintertime, by H. P. Bell; A Supersonic Oscillator for the Detection of the Upper Limits of Hearing, a demonstration by C. B. Weld; Somatic Chromosomes in *Vicia Faba L.*, by W. H. Feindel.—Refreshments were served.

*5th Ordinary Meeting, March 10, 1941.*

Papers: Studies on Brown Halophilic Molds of the Genus *Sporendonema* emend. *Redaelli et Ciferri*, by M. Frank and E. Hess; Studies on Aqueous Humour, by H. Davson and C. B. Weld; Steroids VI.—Observations on the Constitution of Androstanol-3( $\beta$ )-one from Equine Pregnancy Urine, by R. D. H. Heard and A. F. McKay; Steroids VII.—The Synthesis of Androstanol-3( $\beta$ )-one-7, by R. D. H. Heard and A. F. McKay; Kofler's Microscope Hot Stage, a demonstration by R. D. H. Heard.—Refreshments were served.

*6th Ordinary Meeting, April 7, 1941.*

Papers: Steroids VIII.—The Conversion of Estradiol to Estrone in Man, by R. D. H. Heard and M. M. Hoffman; Pembroke Barytes, by A. E. Cameron; The Estimation of Allantoin in Blood, by Helen Wentworth; The Hatching Mechanism of Salmon Eggs, by F. R. Hayes.—Refreshments were served.

*7th Ordinary Meeting, May 5, 1941.*

Papers: The Growth Rate of Salmon Embryos, by Florence H. Armstrong; A Dietary Survey in Halifax, by E. Gordon Young.

The latter paper represents work carried out under the auspices of the Canadian Council of Nutrition and notice cards were sent to Public Health authorities, to the Medical and Dental professions, and to Nurse's and Dietitian's organisations.

*Extraordinary Meeting, September 26, 1941.*

Address: Some Recent Aspects of Genetics, by Prof. R. Ruggles Gates, F.R.S., University of London, King's College (Corresponding Member of the N. S. Institute of Science since 1916). The address is published in full in the Proceedings.

C. B. WELD

Recording Secretary