

PROCEEDINGS OF MEETINGS

SESSION OF 1948-49

(Meetings were held in the Medical Sciences Building,
Dalhousie University, Halifax, N. S.)

87th Annual Business Meeting, October 18, 1948.

The President, Dr. C. C Coffin, presided with an attendance of 22 members. His annual address is printed in full in the proceedings. Reports of officers were presented and are summarized as follows:

Treasurer's Report:

Receipts	\$2,759.91
Expenditures	2,007.65
Total assets, current account	1,397.96
Total assets, permanent fund	3,485.00

The Corresponding Secretary reported that 44 new exchanges were set up during the year and 3 were terminated, bringing the exchange list to 499 listings. In addition 121 back numbers were sent out.

The Editor reported that Part I of Volume XXII of the Proceedings was published in May, 1948. Part II of Volume XXII should go to press shortly.

The Librarian reported that 1850 publications had been received through the exchange list, and 1,178 books and papers were borrowed from the library during the year. The transfer of the Provincial Science Library including the Institute Library, from the Dept. of Mines to the Nova Scotia Research Foundation was noted.

Officers elected for the year 1948-49 were:

President	Dr. C. B. Weld
1st Vice-President	Dr. A. E. Cameron
2nd Vice-President	Dr. W. J. Chute
Treasurer	D. K. Crowdis, Esq.
Corresponding Secretary	Dr. J. G. Aldous

Recording Secretary Dr. W. J. Dyer
 Council Dr. W. J. Archibald
 Dr. C. C. Coffin, Dr. D. Pellet, Dr. H. D.
 Smith and Dr. R. Begg.
 Editor Dr. E. Hess
 Librarian D. K. Crowdis, Esq.
 Auditors Dr. R. J. Bean and
 Dr. H. L. Bronson.

1st Ordinary Meeting, November 8, 1948.

The following new members were announced (elected by Council October 28); A. M. Fraser, M.D., C.M., J. A. McCarter, Ph.D., W. R. Trost, Ph.D., W. L. Ford, Ph.D., C. A. Reilly, M.Sc., L. Stephens-Newsham, Ph.D., ordinary members; G. W. Byrne, B.Sc., R. V. Webber, B.Sc., I. I. Tingley, B.Sc., L. C. Johnston, D. G. Smith, A. R. Reid, B.Sc., W. S. A. Singh, B.Sc., J. S. Rose, B.Sc., W. D. L. Sherren, B.Sc., F. G. Cuming, B.Sc., M. L. Cameron, A. H. Corkson, B.Sc., W. R. Bailey, B.Sc., Miss A. Melanson, B.Sc., Miss Anne H. G. Watts, B.Sc., Miss Muriel Ord, B.Sc., Miss Hope Bridgeford, B.A., Miss Shirley Mason, Miss R. W. Blount, B.Sc., Miss Alberta White, B.A., Miss Bernice Hoffman, B.Sc., Miss Marjorie Leith, B.Sc., student members.

Papers: "Exchange of Materials in a Lake as Studied by the Addition of Radioactive Phosphorus", by C. C. Coffin, F. R. Hayes, L. H. Jodrey and S. G. Whiteway; "A New Method for Measuring the Analgesic Power of Drugs in Human Subjects", by J. G. Aldous and M. G. Whillans.

2nd Ordinary Meeting, December 6, 1948.

The following new members were announced (elected by Council December 6); J. P. Messervy, B.E., A. Goodman, Ph.D., K. Shelstad, B.Ch.E., ordinary members; H. L.

Cameron, M.Sc., associate member; and J. D. Nickerson, B.Sc., Keith Stewart, B.Sc., student members.

Papers: "The Stimulating Action of Anesthesia on Gastric Secretion", by M. Schachter; "New Records for the Distribution of Certain Land Mollusca in Nova Scotia", by Muriel J. Ord and Anne Watts; "Faulting in the Vicinity of Halifax, Nova Scotia", by H. L. Cameron.

3rd Ordinary Meeting, January 17, 1949.

It was announced that J. D. Duerr, B.Sc., was elected student member (elected by Council, January 17).

Papers: "Heparin and Lipemia", by C. B. Weld; "A Method for Studying the Specificity of Metabolic Inhibitors in Intact Cells", by J. G. Aldous; "An Attempt to Poison Coarse Fish in a Lake While Leaving Trout Unharmred", by D. A. Livingstone.

4th Ordinary Meeting, February 14, 1949.

Announcement of the election of Miss Ruth Nicholson as student member was made (elected by Council, February 14).

Papers: "The Cytology of the Reproductive Organs of Certain Land Mollusca of Nova Scotia", by Anne Watts and Muriel J. Ord; "Chemical Estimation of Reducing Steroids in the Adrenal of the Rat", by R. W. Begg; "Glacial Geology of the Yarmouth-Pubnico Area", by H. L. Cameron.

5th Ordinary Meeting, March 14, 1949.

Papers: "The Influence of Relaxation Times on Nuclear Paramagnetism", by A. T. Stewart; "The Exchange of Ag^+ Ions Between Aqueous Solutions and Surfaces of Metallic Silver", by C. C. Coffin and I. I. Tingley; "A New Method for Detecting Nuclear Magnetism", by E. W. Guptil, A. T. Stewart, and W. J. Archibald (with demonstration).

6th Ordinary Meeting, April 11, 1949.

Papers: "The Chemical Composition of Marine Algae", by M. G. MacPherson and E. G. Young; "Sensitization of the Gastric Gland to Histamine after Complete Vagotomy", by M. Schachter; "The Alleged Synthesis of Protein from an Inorganic Medium in the Presence of Iron", by E. G. Young and J. H. Ryan.

7th Ordinary Meeting, May 9, 1949.

Papers: "Some Effects of Temperature on the Embryonic Development of the Salmon (*Salmo salar*)", by Marjorie Smith; "The Phase Contrast Principle in Microscopy", by D. H. Rogers; "A Dynamical Model of Crystal Structure", by D. W. Wylie.