

PROCEEDINGS OF MEETINGS

SESSION OF 1943-44

(All meetings were held in the Medical Sciences Building,
Dalhousie University, Halifax)

82nd *Annual Business Meeting*, October 18, 1943.

The President, Dr. Ernest Hess, gave the annual address, which is printed in full in the Proceedings.

The Treasurer's report is summarized as follows:—

Receipts.....	\$1,060.28
Expenditures.....	1,039.93
Assets—Current Account.....	1,283.19
Permanent Fund, Trustee Bonds...	4,500.00

The Corresponding Secretary reported that 78 numbers of back files of Proceedings and bound volumes had been sent out. Three new exchanges had been arranged, and one had been discontinued for the duration of the war. The moving of files of Proceedings and reprints, up to 100 of each number, to the Medical-Dental Library has been completed.

The Librarian reported that 575 publications have been received through the exchange list. A total of 1190 books and pamphlets have been borrowed from the Library. The need of a reading room was stressed. One hundred and nine volumes have been bound, the publications of 26 societies being bound up to date.

The Editor reported that the Editorial Board has decided to defer publication of the Proceedings of the past session. Of the four expected papers, two were not received and two were unsuitable for publication. It was pointed out that over the past twenty years there has been a steady decline in the number of papers published; but that as the average length of papers is greater, the size of the Proceedings has changed little. Two rather lengthy botanical papers are in prospect in the next two years.

Officers elected for the year 1943-44 were:—

President.....	Dr. Ernest Hess
1st Vice President.....	Dr. F. R. Hayes
2nd Vice President.....	Dr. C. C. Coffin
Treasurer.....	Prof. W. P. Copp
Corresponding Secretary.....	Dr. M. K. McPhail
Recording Secretary.....	Dr. H. B. Collier
Council.....	Dr. W. J. Archibald, Mr. F. C. Collier, Mr. E. K. Crowdis, Dr. E. P. Linton, Dr. A. J. Wood.
Editor.....	Dr. E. Hess
Librarian.....	Dr. F. R. Hayes
Institute Nominations to Provincial Science Library Commission—	Dr. E. G. Young and Dr. F. R. Hayes.
Auditors.....	Prof. R. J. Bean and Dr. H. L. Bronson.

Following the election of officers, Dr. A. E. Cameron read a letter from the War-time Bureau of Technical Personnel concerning the problem of land mines. Dr. Cameron had been named chairman of a Joint Local Committee to organize instruction and possibly investigation on the problem. He asked the Institute to name a representative to the Joint Committee, and Dr. H. L. Bronson was so named.

The business meeting closed with the showing of a moving picture, "Body Resistance against Disease," which had been borrowed from the film library of the Provincial Department of Education.

1st Ordinary Meeting, November 15, 1943.

Election by Council (October 4) of Dr. L. C. Dugal as Associate Member was announced; on October 16 the Council elected W. J. Chute, Ph.D. and H. V. French as Ordinary Members and A. K. Archibald and T. R. Ingraham as Student Members.

Papers: "Criteria for the Recognition of Developmental Stages in Salmon (*Salmo salar*)," by D. Pelluet; "Production of Trimethylamine in Choline Broth by Enterobacteriaceae," by F. Keeping; "The Haemolytic Action of Lysolecithin and Saponin," by K. M. Wilbur and H. B. Collier.

2nd Ordinary Meeting, December 13, 1943.

The following new members were announced (elected by Council, November 15): Ordinary, W. W. Judd; Student, Miss R. B. Campbell.

Papers: "On the Determination of Minor Degrees of Color Blindness: The Use of the Eastman 'Color Temperature Meter' as an Anomaloscope," by C. B. Weld; "On the Optical Activity of Allantoin," by E. G. Young and W. W. Hawkins. Demonstrations: "The Dropping Mercury Electrode," by H. B. Collier; "Home-made Micro Torsion Balances," by F. R. Hayes.

Extraordinary Meeting, January 17, 1944.

The meeting took the form of a Symposium on Vitamins A and D, with the following papers:—"The Chemistry, Sources, and Production of Vitamins A and D," by A. J. Wood; "The Physiology of Vitamin A," by C. B. Weld; "The Physiology of Vitamin D," by A. G. Gornall.

The meeting closed with a very interesting film on nutrition "Training Table," very kindly loaned by the R.C.A.F.

3rd Ordinary Meeting, February 14, 1944.

F. A. H. Rice was announced as Student Member (elected December 13, 1943).

Papers: "The Estimation of Volatile Phenols in Smoked Fish," by H. V. French and E. P. Linton; "The Colorimetric Determination of Trimethylamine," by W. J. Dyer. Demonstration: "The Growth of Crystals under Polarized Light," by W. J. Archibald and W. J. Chute.

4th Ordinary Meeting, March 13, 1944.

Papers: "Leucocytosis as an Index of Pyrogenicity in Fluids for Intravenous Use," by E. G. Young and F. A. H. Rice; "A Scheme for Representing Inter-relationships among the Thermodynamic Functions," by C. C. Coffin; "Food of the Haddock," by R. E. S. Homans and A. W. H. Needler.

5th Ordinary Meeting, April 17, 1944.

R. M. Lewis was announced as Associate Member (elected March 17).

Papers: "Heparin and Blood Fat," by C. B. Weld; "Estimation of the Anti-hemolytic Value of Blood," by H. B. Collier and K. M. Wilbur; "Lactic Acid: A Corrosive Poison," by E. G. Young and R. P. Smith. Demonstration: "Chemiluminescence," by J. C. Devins and A. K. Archibald.

In response to a request from the National Council for Canadian-Soviet Friendship, Toronto, the following resolution was passed:—*Resolved* that the members of the Nova Scotian Institute of Science go on record as expressing sympathy with Soviet scientists and other professional workers of the U. S. S. R. for the hardships which they have had to endure in the present conflict and for the loss of scientific laboratories and cultural institutions; and that they look forward to the time when the international fellowship of science shall be re-established.