

PROCEEDINGS OF MEETINGS

Session of 1956-57.

(Meetings were held in the Medical Sciences Building, Dalhousie University; The Atlantic Regional Laboratory; and the Biological Laboratory, Acadia University.)

95th Annual Business Meeting; October 15, 1956.

The Meeting was presided over by the President, Dr. H. D. Smith. Twenty-five members were present.

The President addressed the Institute. His address appears on page 56 of the Proceedings. The Officers presented their reports.

The Treasurer, J. R. Dingle, reported:

Receipts.....	\$ 1,008.57
Expenditures.....	1,034.03
Invested funds.....	2,000.00
Bank balance, October, 1956.....	1,340.10

The Corresponding Secretary, P. L. Hoogland, reported:

Business of the corresponding secretary during the past year was as usual; the normal number of requests for reprints were answered and several copies of single issues of our Proceedings were sold.

Volume XXIV, part 1 of the Proceedings appeared in print recently and was mailed out to all members and exchange addresses.

The check on our exchange mailing list, begun a year ago, was continued. As a result, the number of addresses dropped from 548 at the beginning of the year to 534 at present. Of these, two-thirds are now definitely correct and one-third has not yet answered our request for information. One final notice is being mailed to the latter addresses.

The Editor, H. R. Chipman, reported:

Part 1 of Volume XXIV has been published and sent to the members.

There is no material for Part 2 on hand and all manuscripts accepted for publication have been published.

In resigning my appointment as Editor of the Proceedings, I wish to take this opportunity to thank the many persons who have been so generous with their help and advice during the past seven years.

Officers elected for the year 1956-57 were:

President	Dr. J. G. Aldous
First Vice-President	Dr. J. E. Keyston
Second Vice-President	Dr. W. J. Archibald
Treasurer	Dr. J. R. Dingle
Corresponding Secretary	Dr. P. L. Hoogland
Recording Secretary	Prof. H. S. Heaps
Editor	Dr. L. B. Macpherson
Librarian	Miss E. M. Campbell
Council	Dr. A. N. O'Neill
	Dr. C. R. Masson
	Prof. G. V. Douglas
	Dr. H. B. Dunford
	Dr. J. G. Retallack
Auditors.	Dr. H. D. Smith
	Dr. H. L. Bronson

New Members

During the year the following new members were proposed and elected by Council; Ordinary: S. D. Wainwright, R. G. Ackman, R. C. Dickson, R. H. Adlington, N. O. Fothergill, J. H. Harris, M. C. Martin, D. Pleiter, K. B. Newbound, A. Mohammed, R. F. Banks, F. A. Mathews, D. F. MacLennan, E. Brown, S. Mookerjea, J. D. Macpherson, E. H. Anthony. Student members: L. Verbeck, D. Rendell, D. B. Ross, J. R. G. Keyston.

1st Ordinary Meeting, November 12, 1956.

Papers: 1. "Sulfated Derivatives of Laminarin," by A. N. O'Neill and W. W. Hawkins; 2. "Buckling of a Reinforced Panel", by J. L. Cutcliffe and H. S. Heaps; 3. "The Formal Total Synthesis of Lanosterol and Agnosterol", by D. A. J. Ives.

2nd Ordinary Meeting, December 10, 1956.

Papers: 1. "An Improved Ceramic for Generation of Ultrasonics", by D. Schofield and R. F. Brown; 2. "The

Reciprocal Action of H^+ and K^+ on the Metabolism of the Living Yeast Cell", by J. G. Aldous and G. C. Jollymore; 3. "On the Geological Structure and Growth of the Greater Antilles - Caribbean Area", by G. V. Douglas.

3rd Ordinary Meeting, January 14, 1957.

Papers: 1. "The Sea Breeze Hodograph at Halifax", by R. V. Dexter; 2. "Fluorescence Spectrometer for Beckman DU", by J. A. McCarter; 3. "Comparative Study on the Distribution of Morphine and Levorphan", by J. C. Szerb.

4th Ordinary Meeting, February 11, 1957.

Papers: 1. "The Development of the Blueberry Seed", by H. P. Bell; 2. "Sodium Flux in Mammalian Muscle", by H. McLennan.

Extraordinary Meeting, February 19, 1957.

Dr. R. L. Cunningham of the Metal Physics Section of the Department of Mines and Technical Surveys, Ottawa, addressed the Institute on "Nuclear Metallurgy".

5th Ordinary Meeting, March 11, 1957.

Papers: 1. "Some Physical and Chemical Properties of Ichthyocol", by E. G. Young and H. N. Astrup; 2. "The Production of Xanthurenic Acid from Tryptophan in Pregnancy and in Various States of Nitrogen Balance", by W. W. Hawkins, Verna G. Leonard, and Carol M. Coles.

6th Ordinary Meeting, April 8, 1957.

This was a joint meeting with the Valley Chapter and was held at Acadia University.

Papers: 1. "Some Effects of Light upon Low-Bush Blueberries", by I. Hall and D. Chisholm; 2. "Circulation on the Scotian Shelf Determined by Drift Bottles", by R. E. Banks; 3. "Radiation-induced Morphological and Genetic Changes in Apples", by C. J. Bishop.

7th Ordinary Meeting, May 6, 1957.

Papers: 1. "The Reaction of Active Nitrogen with Hydrogen Bromide", by Miss B. M. Melanson; 2. "Aspects of P^{32} Metabolism in Lakes", by J. Phillips; 3. "Determination of the Coefficient of Linear Expansion at Low Temperatures using Microwaves", by J. R. Keyston, E. W. Guptill, and J. D. Macpherson.