

# PROCEEDINGS OF MEETINGS

Session of 1959-60

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

*98th Annual Business Meeting, September 28, 1959.*

The meeting was presided over by the President Dr. J. R. Dingle whose presidential address appears on page 168 of the Proceedings. The Officers presented their reports.

*The Treasurer, C. R. Masson, reported:*

Receipts.....	\$ 899.83
Expenditures.....	1,469.14
Invested Funds.....	1,000.00
Bank Balance, September, 1959.....	883.36

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

This will be the last report by a Corresponding Secretary. At the business meeting held on May 11th, 1959, the Constitution and By-Laws of this Institute were amended to permit the fusion of the two secretarial offices into one and to make it possible to appoint rather than to elect a Librarian. This was done mainly because the work of the Corresponding Secretary had developed into being concerned only with exchange of Publications which could be handled more efficiently by the Librarian; it involved little or no correspondence that could not be handled by either the Librarian or the other Secretary.

That this decision has been a good one is borne out by my having hardly anything to report. During the year, we answered the usual number of requests for reprints or for separate issues of the Proceedings; we also mailed out the latest issue of the Proceedings, Vol. 24, part 3, to all members and exchange addresses.

On June 1st, 1959, we began turning over our work and inventory to the Librarian; this change-over is now completed.

Finally, I should like to remark that holding the office of the Corresponding Secretary during the past six or seven years has given me an occasional headache but that this was made easily bearable by also providing much pleasure and a reasonably good stamp collection.

*The Librarian, Miss E. M. Campbell, reported:*

There have been no significant changes in the administration of the Institute's library in the current year. The binding program is being maintained, and the policy of having the journals of an additional society bound each year, is being continued.

The work of checking and correcting the entries of all the storage material is continuing, and material that is not kept on the shelves of the Foundation Library is packaged and arranged in order in the attic.

To the approximate 500 societies exchanging publications with the Institute, several new ones have been added. Several new societies, particularly those of Eastern Europe, sent their publications to the library asking for exchanges. We kept these for some time to ascertain their usefulness, and after discussion with members of the Institute we decided to ask them to remove the name of the Institute from the mailing list.

This summer we made a complete check of all the holdings of the Institute, in the attic of the Technical College, the Medical Library, and Fisheries Research Board Technical Station and the Research Foundation. Unfortunately there are no parts of any volumes before volume 7, and only one or two numbers of volumes 7 and 8. There are tremendous numbers of parts of volumes 15-20, as well as reprints of articles from earlier volumes. The list would be too long to mention here, but these reprints have been packaged and labelled and are stored in the attic. Anyone wishing to see these may do so.

The Research Foundation is continuing to finance subscriptions to societies which are no longer sending their material on an exchange basis.

Each year the need for more space becomes greater.

The bulk of the correspondence dealt with since June of 1959, when the offices of Librarian and Corresponding Secretary were combined, was related to the exchanges. Requests for missing numbers were dealt with and sent when available. All letters and receipts for exchanges are kept on file in the library and are available for checking by members of the Institute.

*The Editor, L. B. Macpherson, reported:*

During the year Part 3 of Volume 24 of the Proceedings was published and distributed to members and exchange institutions.

There is one manuscript on hand and negotiations are under way for enough additional material for Part 4. A larger manuscript for Part 1 of Volume 25 has been promised. We are looking forward to publishing a revised edition of the Flora of Nova Scotia, by Roland and Smith in the near future.

The Editor wishes to thank his Editorial Board, Dr. Dixie Pelluet, Dr. J. A. McCarter, and Dr. A. D. MacDonald, for their co-operation and advice.

**Officers elected for the year 1959-60 were:**

President . . . . .	Dr. J. R. Dingle
First Vice-President . . . . .	Dr. W. J. Archibald
Second Vice-President . . . . .	Dr. J. A. McCarter
Treasurer . . . . .	Dr. C. R. Masson
Recording Secretary . . . . .	Mr. H. S. Heaps
Editor . . . . .	Dr. L. B. Macpherson
Librarian . . . . .	Miss E. M. Campbell
Council . . . . .	Dr. E. H. Anthony, Dr. J. R. Greenblatt, Dr. G. O. Langstroth, Dr. A. D. Macdonald, Dr. W. Yaphe,
Auditors . . . . .	Dr. H. L. Bronson Dr. H. D. Smith

*New Members:*

During the year the following new members were proposed and were elected by Council, Ordinary: J. M. Teal, Judy Ball, J. P. Burden, L. Cudkorvicz, A. A. Mills, G. Touazzi, J. P. Nowlan, J. P. Wright.

Student Members: P. Hochachka, G. G. R. Buchbinder, J. Gibson, K. Halcrow, C. G. White, F. W. Dobson, M. H. Jericho, R. H. March, P. J. Whelan, L. Van O. der Zwan.

*1st Ordinary Meeting, October 19, 1959.*

Papers: 1. "Recorsinol Reagent for the Determination of Fructose," by W. Yaphe; 2. "The Stimulation of Growth of Fungi Isolated from Pulp Mills by White Water", by D. Brewer.

*Extraordinary Meeting, November 2, 1959.*

Dr. Edwin A. Dawes of the Biochemistry Department of the University of Glasgow addressed the Institute on "Some Aspects of the Metabolism of *Zyomosarcina Ventriculi*".

Dr. Dawes visited Halifax as a Visiting Lecturer in the Biochemistry Department of Dalhousie University.

*2nd Ordinary Meeting, December 14, 1959.*

Papers: 1. "On the Mechanism of Intestinal Secretion, the Enterolipomicron", by C. B. Weld; 2. "The Nature of the Proteins of Fish Muscle", by J. R. Dingle.

*3rd Ordinary Meeting, January 11, 1960.*

Papers: 1. "The Comparative Biochemistry of some Subtropical Marine Invertebrates", by P. H. Odense; 2. "Water Conduction in Large Woody Stems", by K. N. H. Greenidge.

*4th Ordinary Meeting, February 8, 1960.*

Papers: 1. "Some Anabolic Aspects of Protein Metabolism in Riboflavin Deficiency in the Rat", by W. W. Hawkins and S. Mookerjea, 2. "Determination of Oxygen in Iron and Steel by Isotope Dilution", by M. L. Pearce and C. R. Masson; 3. "Elaidinization of Oleic Acid with Selenium", by R. G. Ackman.

*5th Ordinary Meeting, March 14, 1960.*

Papers: 1. "Corrosion of Aluminum in High Temperature Water", by D. F. MacLennan; 2. "Semiconductor Properties of Some Natural Sulphides", by G. A. Collins; 3. "Bacterial Effect and Radiophosphorus Assimilation in Organic States in Salmon", by P. N. Scrivastava.

*6th Ordinary Meeting, April 11th, 1960.*

This was a joint meeting with the Valley Chapter and was held in Halifax.

Papers: 1. "Activity of Juvenile Chum Salmon During Adaption to Sea Water", by A. H. Houston; 2. "The Economy of Anaerobic Yeast Growth", by J. G. Kaplan; 3. "On the Relations of Peridotite and Dunite of Table Mountain, Western Newfoundland", by D. Hope-Simpson.

*7th Ordinary Meeting, May 9th, 1960.*

Papers: 1. "The Soluble Collagen of Cod", by E. G. Young and J. W. Lorimer; 2. "Utilization of Calcium and Iron by the Rat during Administration of Ethylenediaminetetraacetate", by W. W. Hawkins and B. A. Larsen. 3. "Some Metabolites of Fluoroacetic Acid in Yeast Cells", by J. G. Aldous.

## PROCEEDINGS OF MEETINGS

(Valley Chapter)

Session of 1959-60

The Valley Chapter held six meetings.

*Annual Business Meeting, November 2, 1959.*

Officers elected for the year 1959-60 were:

President.....	Mr. K. A. Harrison
Vice-President.....	Dr. E. C. Smith
Treasurer.....	Dr. A. D. Crowe
Secretary.....	Mr. A. W. MacPhee
Council.....	Dr. D. C. MacKay

Paper: "A Type of Modified Spray Program for Apples in New Jersey", by H. Specht.

*2nd Meeting, December 7, 1959.*

Papers: 1. "Senescence and Disease Resistance in Plants", by R. A. Ludwig; 2. "Taxonomy of Crab Spiders", by C. D. Dondale.

*3rd Meeting, January 4, 1960.*

Paper: "Shell-Heap Archeology of Southwestern Nova Scotia", by J. S. Erskine.

*4th Meeting, February 1, 1960.*

Papers: 1. "Metabolic and Genetic Studies in Rhizobium", by Miss J. Ellis; 2. "Some Aspects of Chemical Thinning of Apples", by A. D. Crowe.

*5th Meeting, March 7, 1960.*

Papers: 1. "Some Aspects of Predation in Apple Orchards", by F. T. Lord; 2. "The Electrification of Water Drops", by R. H. Magarvey.

*6th Meeting, May 2, 1960.*

Papers: 1. "Reptiles and Amphibians of Prince Edward Island", by F. Cook; 2. "Meeting Agricultural Problems During the Past Fifty Years", by J. F. Hockey.