

PROCEEDINGS OF MEETINGS

Session of 1960 - 1961

(Meetings were held in the Medical Sciences Building, Dalhousie University, the Sir James Dunn Science Building, Dalhousie University, and Elliott Hall, Acadia University.)

99th Annual Business Meeting: October 17, 1960

The meeting was presided over by the President, Dr. J. R. Dingle. His address appears on page 199 of the Proceedings. The Officers presented their reports.

The Treasurer, C. R. Masson, reported:

Receipts	\$1,452.70
Expenditures	427.70
Invested Funds	500.00
Bank balance, October 1960	1,908.36

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

The Proceedings of the Institute have been put on microfilm and a notice to this effect will be included with the next issue. These notices will go to all the exchange societies and they may order the microfilm from the Canadian Library Association in Ottawa, which has the master negative and will arrange to have copies made. The positive copy is in the Institute's Library.

Extra copies of the Proceedings are now together with the exception of volumes 1—9, are available in considerable numbers. Almost 100 copies have been found of issues that are of great interest, containing Roland's *Flora of Nova Scotia* and *Marine Fishes of Nova Scotia* by Vladakov and MacKenzie.

The checking is still continuing of the exchanges and the list is being brought up to date. The first supplement of the *Union List of Scientific Serials in Canadian Libraries* has just been released and it contains more entire of the Institute's holdings. The third supplement of the American scientific list is now being prepared and we are checking for listing in that.

The usual work of the library is carried on including bind-

ing and interlibrary requesting of the journals. Considerably more lending of the Institute's holdings has taken place since the journals have been listed in the various list of periodicals have been published.

There has been an increase in the correspondence in the last year. Many of these letters have dealt with the exchanges and missing numbers have been sent when available. There were a great many queries about the next issue of the Proceedings and these were answered. In addition there have been requests for historical information from people whose relatives were once members of the Institute, and from individuals and institutions asking for information on seaweed, insects, etc. These have received replies or the letter has been passed on to other institutions who have more information on the subject.

All correspondence is kept on file and is available to the members.

Officers elected for the year 1960-61 were:

President.....	Dr. W. J. Archibald
First Vice-President.....	Dr. J. A. McCarter
Second Vice-President.....	Dr. C. R. Masson
Secretary.....	Dr. W. Yaphe
Treasurer.....	Dr. C. R. Masson
Editor.....	Mr. H. S. Heaps
Council.....	Dr. E. H. Anthony
	Mr. E. L. Cameron, Dr. J. R. Greenblatt, Dr. J. G. Retallack, Dr. J. E. Stewart
Auditors.....	Dr. H. L. Bronson
	Dr. A. E. Cameron

New Members:

During the year the following new members were proposed and were elected by Council, Ordinary: N. J. Campbell, R. W. Trites, R. W. Stewart, O. D. Kennedy, G. P. Arsenault, H. J. Brown, S. J. Patrick, Doris I. Fraser, N. L. Benoitin, J. S. Craigie, A. Waddell, W. Skinners, P. M. Jangoord, Dr. J. N. Mehnschi, G. Hutton, N. S. Isaacs.

Student Members: W. B. Bailey, Sheila L. Duff, G. H. Green, Lorraine Lawrence, J. M. Pezzata, D. Tsernoglou, R. R. Weiler, R. W. Doyle, Jill E. Garrard, Dorothy P. Geffrey, B. Gail Mallinson, Jean E. Percy.

Extraordinary Meeting, October 20, 1960.

Dr. J. P. Bruce of the Meteorological Headquarters in Toronto addressed the Institute on "Water and Weather".

1st Ordinary Meeting: November 14, 1960.

Papers: 1. "The Nutritional Value of the Proteins of Some Seaweeds and Fish Products," by W. W. Hawkins and B. A. Larsen; 2. "Dose and Effect on Epidermal Carcinogenesis," by J. K. Ball and J. A. McCarter; 3. "Corrosion of Aluminum," by A. McMillan.

2nd Ordinary Meeting, January 9, 1961.

Papers: 1. "Studies on the Relationship Peripheral Resistance and Stroke Volume in a Circulating System," by W. Josenhans; 2. "Measurement of Low Permeability in Ceramic Test Pieces," by S. G. Whiteway; 3. "Some Biochemical Features of Scallop Muscle Protein," by J. J. Matsumoto.

Extraordinary Meeting, February 8, 1961.

Dr. Anthony S. Laughton of the National Institute of Oceanography, Godalming, Surrey, addressed the Institute on "The Ocean Floor." Dr. Anthony was in Halifax as a Visiting Nuffield Lecturer.

3rd Ordinary Meeting, February 13, 1961.

Papers: 1. "The Amino Acid Composition of Cod Troponomyosin," by P. L. Hoogland, H. C. Freeman, Beryl Truscott, and A. E. Waddell; 2. "Interaction Between Ocean Waves and Currents," by R. W. Stewart; 3. "Gravity Measurements in Northern Nova Scotia," by J. E. Blanchard.

4th Ordinary Meeting, March 13, 1961.

Papers: 1. "Results of Studies Carried on the Passamaquoddy Power Project," by R. W. Trites; 2. "Ozonolysis of Monoethylenic Fatty Acids," by R. C. Ackman, M. E. Retson, and F. A. Vandenheuvel; 3. "Analysis of Ballistograms by Means of a Circulation Model," by W. Josenhans.

5th Ordinary Meeting, April 10, 1961.

Joint Meeting with the Valley Chapter. It was held at 8:15 p.m. in Elliott Hall of Acadia University.

Papers: 1. "Shell-Heap Archeology and some Faunal Problems," by J. S. Erskine; 2. "Time Dependent Wakes," by R. H. Magarvey and R. L. Bishop.

6th Ordinary Meeting, May 8, 1961.

Papers: 1. "Phenanthrene, an Anti-Initiating Agent," by T. Y. Huh and J. A. McCarter; 2. "The Application of Classical Theory to Problems of Enzyme Physiology," by J. G. Kaplan; 3. "Experimental Study of the $\text{Be}^9(\text{He}^3, n)\text{C}$ " Reaction", by L. van der Zwan.

Extraordinary Meeting: June 5, 1961.

Dr. Edith E. Townsend of the Graduate Department of Biochemistry, Brandeis University, addressed the Institute on "Studies on Antibodies to DNA."

PROCEEDINGS OF MEETINGS

(Valley Chapter)

Session of 1960-61

The Valley Chapter held seven meetings.

1st Meeting, November 7, 1960.

Papers: 1. "Some Parasites and Diseases of the Snowshoe Hare, *Lepus Americanus struthopes* Bangs, in Newfoundland", by D. Dodds; 2. "The Storage of Tomatoes in Artificial Atmospheres", by C. A. Eaves.

2nd Meeting, December 5, 1960.

Papers: 1. "The Environment of Molluscs in Sublette County, Wyoming. During Paleocene Time", by R. G. Moore; 2. "The Pheasant in Nova Scotia", by N. Van Nostrand.

3rd Meeting, January, 1961.

Papers: 1. "The Role of Disease in the Natural Control of Insects," by R. P. Jacques; 2. "High Altitude Photography of Nova Scotia," by H. L. Cameron.

4th Meeting, February 6, 1961.

Papers: 1. "The Strawberry Virus," by D. L. Craig; 2. "To Publish or not to Publish," by C. Eaves.

5th Meeting, March 6, 1961.

Papers: 1. "Cytotaxonomy of Lowbush Blueberries in Eastern Canada," by I. V. Hall and L. E. Aalders; 2. "Utilization of Sphagnum Peat Bogs for Crop Production," by D. C. MacKay.

6th Meeting, April 10, 1961.

Papers: 1. "Shell-head Archeology and some Faunal Problems," by J. S. Erskine; 2. "Time Dependent Wakes," by R. H. Magarvey and R. L. Bishop.

7th Meeting, May 1, 1961.

Papers: 1. "Genetic Studies in Rhizobium," by Joan Doneaster; 2. "A Drop-shape Hypothesis," by R. L. Bishop; 3. "Liquid Surface Impacts," by A. Lau; 4. "Alteration in Two Block River Dykes," by G. W. Roland.