

PROCEEDINGS OF MEETINGS

Session of 1951-52

90th Annual Business Meeting, October 22, 1951.

The President, Dr. Alan E. Cameron conducted the meeting and fifteen members attended. His annual address is printed in full in the proceedings.

The Secretary announced the election of Mr. C. M. Goethe as Life member by Council on May 7.

Reports of Officers were presented and are summarized as follows:

The Treasurer reported that:

Receipts were.....	\$ 1,015.02
Expenditures were.....	2,208.57
Total assets, current account.....	753.07
Total assets, permanent fund.....	4,000.00

The Corresponding Secretary reported that ten new exchanges were set up during the year, bringing to 540 the total number of institutions receiving the Proceedings. A considerable number of back files was sent out. The index to the Proceedings from 1862 to 1950 was complete.

The Editor reported that Parts 3 and 4 of Volume XXII were published and distributed.

The Librarian reported that he had been nominated to the Library Committee of the Nova Scotia Research Foundation. He reported that a new catalogue of Scientific Periodicals in the Libraries of the Maritime Provinces will contain a complete list of the holdings of the Institute.

Officers elected for the year 1951-52 were:

President:—Dr. A. E. Cameron

1st. Vice-President:—Dr. W. J. Chute

2nd. Vice-President:—Dr. H. D. Smith.

Treasurer:—Dr. J. R. Dingle.

Corresponding Secretary:—Dr. J. G. Aldous.

Recording Secretary:—Dr. J. A. McCarter.

Editor:—Dr. H. R. Chipman.

Librarian:—Dr. W. J. Chute.

Council:—Dr. W. L. Ford, Mr. R. A. Hornstein, Dr. P. L. Hoogland,
Dr. J. G. Kaplan, Dr. A. D. MacDonald.

Auditors:—Dr. E. G. Young and Dr. H. L. Bronson.

1st Ordinary Meeting, November 12, 1951.

The following new members were announced (elected by Council October 30): E. G. Bligh, B.Sc., Miss Margaret Cul-
lens, B.Sc., Miss Beryl Truscott, M.A., J. W. Haynes, M.A.,
Miss Rosalie Triggs, M.S.A., J. Spitzer, M.D., Clarke Cor-
liss, Ph.D., J. C. Szerb, M.D., and D. E. Ryan, Ph.D., Ordin-
ary members. Miss E. Roitman, B.Sc., M. Civen, B.Sc.,
F. B. Fisher, B.Sc., and G. A. Dauphinee, B.Sc., Student
members.

Papers: "Hemolysis by Heparin in Lipemic Animals"
by C. B. Weld, John Spitzer and Hazel Jones: "Some Recent
Mineral Investigations in Nova Scotia, by E. Lee Cameron;
"the Unsaturation Value versus Refractivity Relationship of
Unsaturated Fatty Acids and its Implications," by F. A.
Vandenheuvel.

2nd Ordinary Meeting, December 10, 1951.

It was announced that Council had elected, on
December 10, Professor R. J. Bean and Dr. J. H. L. Johnstone
to Honorary membership; Hon. Henry D. Hicks, D. B. Mac-
Lean, Ph.D., O. Knop, E. Lee Cameron, R. V. Dexter, M A ,
J. D. Holland, M A , C. R. Masson, Ph.D., A. N. O'Neill, Ph.D.
D. A. I. Goring, Ph.D., Ordinary members.

Papers: "Electrical Breakdown of Neon at High Frequencies," by D. D. Betts and A. D. MacDonald: "Inhibition by Sodium Nitrite of the Enzymic Reduction of Trimethylamine Oxide," by C. H. Castell: "A Comparison of the Effects of Ultraviolet and X-ray radiations upon some Enzymes of the Yeast Cell," by J. G. Aldous and K. D. Stewart.

3rd Ordinary Meeting, January 21, 1952

The following new members were announced (elected by Council January 21): F. G. Millar, D. C. West, M.A., Miss M. Douglas, B.Sc., Ordinary members; E. H. Anthony, B.Sc., P. R. Sweeney, M. Gibson, Miss M. Stead, R. E. Foote, R. Kerr, Miss J. Ellis, J. C. Taylor, C. Duval, A. Cunningham, A. W. Gord, G. A. Guptill, B. H. Matheson, Student members.

Papers: "Exchange of Phosphorus Between Water and Mud in Lakes," by J. R. Hayes and M. L. Cameron: "A Chemical Studies on the Structure of Lycopodium Alkaloids", by D. B. Maclean and H. C. Prime: "X-ray Diffraction Studies on the Lycopodium Alkaloids", by O. Knop and P. M. Beatty.

4th Ordinary Meeting, February 11, 1952.

The following new members were announced (elected by Council February 11) E. L. Heighton, M.Sc., Ordinary member; M. F. Dolan, J. M. Reeve, Student members.

Papers: "A Nutritional Survey of Children in Halifax," by Thelma Allen and E. Gordon Young: "Some Considerations on Schrodinger's Equation", by W. J. Archibald; "Changes in the Electrophoretic Patterns of Plasma Proteins in Hepatectomized Frogs" by John J. Spitzer.

5th Ordinary Meeting, March 10, 1952.

The following new members were announced (elected by Council March 10) Stewart Morse, Lawson Nichols, Ordinary members.

Papers: "Fibrous Protein in Amphibian Morphogenesis," by J. G. Kaplan; "Location of Herring by Sonic Sounder," by A. H. Leim; "On the Occurrence, Nature and Origin of Cold, Low Salinity Masses Adjacent to the Gulf Stream," by W. L. Ford, J. R. Longard and R. E. Banks.

6th Ordinary Meeting, April 7, 1952.

The following new members were announced (elected by Council April 7) Ian S. Robb, M.D., John Dorozynski, B.Sc., J. L. Martin Ordinary members.

Papers: "The Distribution and Taxonomic Relationship of the Amphibians and Reptiles of Nova Scotia" by J. S. Bleakney; "The Effect of Freezing on the Sulphate-Chlorinity Ratio of Sea Water," by H. J. McLellan; "Factors Responsible for the Ascent of Salmon in the LaHave River," and "The LaHave, a Colour-Sound Film of Salmon Investigation," by F. R. Hayes.

Extraordinary Meeting, April 22, 1952.

Professor Sir Geoffrey I. Taylor addressed the Institute on the topic "The Mechanics of Animals Swimming."

7th Ordinary Meeting, May 5, 1952.

Papers: "Mineral Constituents of Some Land Gastropods," by D. Pelluet and J. S. Tait; "Service Performance of Cast Magnesium Anodes in the Cathodic Protection of Ships," by G. L. Christie; "The Heparin-produced Lipemia Clearing Factor," by J. J. Spitzer.