

PROCEEDINGS OF MEETINGS

Session 1970-1971

Meetings and communications during the year were as follows:

1st Ordinary Meeting, 19 October 1970

“Upon this rock I shall build my — What?”, L.G. Vagianos, Dalhousie University.

2nd Ordinary Meeting, 9 November 1970

“Hudson '70 — Its organisation and execution”, C.R. Mann, Bedford Institute of Oceanography.

3rd Ordinary Meeting, 14 December 1970

“Genetic engineering — fact and fancy”, S.D. Wainwright, Dalhousie University.

4th Ordinary Meeting, 11 January 1971

“Operation oil” W. Ford, Bedford Institute of Oceanography.

5th Ordinary Meeting, 8 February 1971 (at St. Mary's University)

“The measurement of poverty among Micmac Indians of Nova Scotia”, P. Kasselbaum, St. Mary's University.

6th Ordinary Meeting, 8 March 1971

“The geology of the Nova Scotia shelf”, L.H. King, Bedford Institute of Oceanography.

Extraordinary Meeting, 19 March 1971 (Jointly with Dalhousie University Physics Department)

“Our universe — the known and the unknown”, J.A. Wheeler, Princeton University.

7th Ordinary Meeting, 5 April 1971 (jointly with the Valley Chapter, Acadia University)

“Inborn metabolic errors of children in the Maritimes”, M.W. Spence, Dalhousie University.

“Light-growth reactions in plants” G. Curry, Acadia University.

8th Ordinary Meeting, 10 May 1971

“JOIDES deep sea drilling project and Leg 12”, A. Ruffman, Bedford Institute of Oceanography.

110th Annual General Meeting, 17 May 1971

The President, Dr. M.L. Cameron, was in the chair and delivered the following address.

The Nova Scotian Institute of Science has had a quiet year. It was found necessary to call a General Meeting in October to amend the by-laws with respect to membership on Council. This shows how difficult it is to foresee possible accidents. As a result of the amendment Dr. Russell replaced Dr. MacInnis as Treasurer although Dr. MacInnis retained his seat on Council.

There has been no significant change in membership during the past year. There are in good standing 108 Ordinary Members, 31 Associate Members and 20 Institutional Members in the parent body, some 40 members in the Valley Chapter and some two dozen Life Members. Although it is good to see the Institute maintaining its numbers, it would be better to see an increase in membership.

One life membership was awarded this year to Mr. John Erskine of the Valley Chapter. Mr. Erskine has been one of the most active members of the Institute since the Valley Chapter was opened, and it was a pleasant duty to help in the award of his life membership.

There were 8 Ordinary Meetings during the year (one at Acadia University with the Valley Chapter) and one Extra-ordinary Meeting (in association with the Physics Department of Dalhousie University). Attendance at the Ordinary Meetings varied between 18 and 53 with an average of 35. This shows no change from the previous year.

In his President's Address last year, Dr. Neish suggested the holding of more meetings having an appeal to a wider audience in order to encourage the attendance of non-members (as well as of members). He also noted that single papers were better received than two or more papers on a single programme. Your Council kept these suggestions in mind in planning programmes for the past year. All meetings except the joint meeting with the Valley Chapter had a single paper. Of the papers given at Ordinary Meetings, 3 were on various aspects of oceanography, 2 on human genetics and heredity, 1 on plant physiology, 1 on the *Arrow* oil disaster and 2 on subjects not usually dealt with at recent meetings of the Institute (1 on the problems of communication in Science, 1 on work currently being done on social conditions among the Micmacs of Nova Scotia). The Extra-ordinary Meeting at which Dr. Wheeler spoke on *Our Universe — the Known and the Unknown* was a rare delight.

It appears from the above summary that several of our meetings this past year were of the wide-appeal kind. Yet the attendance at them was not unusually large. We do not yet seem to be reaching a public which surely is interested in such subjects as oil pollution control, genetic engineering and the problems of communicating between ourselves. I leave it as a challenge to our next Council to wrestle with the problem of getting an interested public to attend our meetings.

I am sure the Institute wishes me to mention the unusual and wholly deserved honour conferred recently on our Past President. Dr. A.C. Neish is only the third member of the Institute from Nova Scotia to be made a Fellow of the Royal Society, and we wish him many happy years in his Fellowship.

I wish to thank the Council for a pleasant year, and particularly the band of old faithfuls who let no difficulties of weather or business keep them away from the monthly meetings.

The Treasurer, D.W. Russell reported

Receipts	1071.20
Expenditures	435.33
Total cash assets as of May 14, 1971	3,292.44

The Editor, E.G. Young reported that Volume 27, Part 1 of the Proceedings was in the hands of the printers and would be mailed in June. Prices of publication have risen considerably.

The Librarian, Miss E.M. Campbell, reported the transfer of our holdings and the exchange list files to the Science Library, Dalhousie University had been completed.

Officers and others elected for the session 1971-72 were

President	W.E. Jones
First Vice-President	J.E. Blanchard
Second Vice-President	R.G. Ackman
Secretary	N. Cuthbertson
Treasurer	D.W. Russell

Editor	E.G. Young
Council	R.F. Brown, J.R. Dingle, W.J. Dyer, A.Y. MacLean, E.L. Mills, G. Mitchell, A. Taylor, and B. Wright
Auditors	J.R. Dingle, W.J. Dyer

PROCEEDINGS OF MEETINGS

(Valley Chapter 1970-1971)

1st Ordinary Meeting, 5 October 1970

“Lasers” D. Stiles, Acadia University.

“The pulse technique in acoustics” A. Law, Acadia University

2nd Ordinary Meeting, 2 November 1970

“A survey of Acadian settlements”, J.S. Erskine, Wolfville.

“Carotenoids in plants, animals and bacteria”, J. Bessaraba, Acadia University. (Because of a storm the December programme was postponed until the January meeting)

3rd Ordinary Meeting, 4 January 1971

“Observations on the world poultry congress, Madrid, Spain, 1970”,

F.G. Proudfoot, Kentville Agricultural Research Station.

“Copper ore deposits”, H. Nathan, Acadia University.

4th Ordinary Meeting, 1 February 1971

“Histogenesis of the tibiotarsus in insulin-treated chicks”, M.A. Gibson, Acadia University.

“Trace elements in plants and soils: their use in prospecting”, J. Colwell, Acadia University.

5th Ordinary Meeting, 1 March 1971

“Spontaneous pneumothorax” J. Quinlan, N.S. Sanatorium, Kentville.

“Corticosteroids in treatment of tuberculous tracheobronchial disease”, A. Laretei, N.S. Sanatorium, Kentville.

“Ryfampin — a new drug in the treatment of tuberculosis”, D.H. Holden, N.S. Sanatorium, Kentville.

6th Ordinary Meeting, 5 April 1971 (joint meeting with the Halifax Chapter)

“Inborn metabolic errors of children in the Maritimes”, M.W. Spence, Dalhousie University.

“Light-growth reactions in plants”, G. Curry, Acadia University.

Officers and others elected for the session 1971-72 were

President	D. Stiles
Vice-President	F. Forsythe
Secretary	J. Basaraba
Treasurer	T. Haliburton
Councillor	Maria Rostocka