

PROCEEDINGS OF MEETINGS

Session 1972-73

Meetings and communications during the year were as follows:

1st Ordinary Meeting, 16 October 1972

“Ocean mining”, B.D. Loncarevic, Atlantic Geosciences Centre, Bedford Institute of Oceanography.

2nd Ordinary Meeting, 8 November 1972 (at St. Mary's University)

“Local expansion rate of the universe — the observational problem”, R. Racine, University of Toronto.

3rd Ordinary Meeting, 11 December 1972

“Forecasting the weather”, R. Dexter, Meteorology, Maritime Command, Halifax.

Extraordinary Meeting, 3 January 1973 (jointly with the Royal Astronomical Society of Canada (Halifax Branch), at St. Mary's University)

“The quincentenary of the birth of Nicholas Copernicus” Wilhelmina Iwanowska, Nicholas Copernicus University, Torun, Poland.

4th Ordinary Meeting, 8 January 1973

“The measurement of blood-flow in arteries and veins”, A.E. Marble, Dalhousie University and Nova Scotia Technical College.

5th Ordinary Meeting, 12 February 1973

“Nuclear power in Canada — present and future”, E.C.W. Perryman, Atomic Energy of Canada Ltd., Chalk River.

6th Ordinary Meeting, 12 March 1973

“Tidal power development”, a panel discussion with J.J. Laffin; C. Garrett; G. Baker and J.S. Bleakney.

7th Ordinary Meeting, 9 April 1973 (jointly with the Valley Chapter at Acadia University)

“Pheromones in insect control”, C.R. MacLellan, Agricultural Research Station, Kentville.

“A fisheries scientist visits Japan”, W.J. Dyer, Fisheries Technological Station, Halifax.

112th Annual General Meeting, 14 May 1973

The President, J.E. Blanchard, was in the chair and delivered the following address:

The Presidential address this year will begin with some of the more prosaic details of the year's activities. The membership of the Institute has been much the same as in past years. There were four new members. The attendance at our meetings has remained much the same in spite of an excellent program consisting of reviews of recent scientific and technological developments. Perhaps the highlight of the year was a joint meeting with the Royal Astronomical Society of Canada (Halifax Branch) to celebrate the Nicholas Copernicus

Quincentennial. The meeting was addressed by the distinguished Polish astronomer, Dr. W. Iwanowska. A substantial part of the scientific program this year was devoted to the subject of sources of energy. In all, eight meetings were held.

Members of the Institute of Science were grieved to learn earlier this year of the death of Dr. J.H.L. Johnstone, Honorary Life Member. During his long scientific career at Dalhousie University he was one of the more active promoters of Institute affairs. He was particularly active in encouraging student participation and was responsible for a large student membership in past years. I shall not review Dr. Johnstone's many contributions to Nova Scotian and Canadian science at this time except to say that I, and all who knew him, will miss him greatly.

This year arrangements were completed for the publication of the Seaweeds Symposium held in Halifax during 1972 at the annual meeting of the Canadian Botanical Association and the Canadian Society of Plant Physiologists. The publication was made possible by generous financial support from a number of organizations. This support is much appreciated and I am sure all those who contributed scientifically, technically and financially will be well pleased with the work our editors have done. The publication of other symposia is under consideration.

These are our accomplishments this past year. What plans should we have for the future? This is not a new topic. The Institute has not grown with the Nova Scotian scientific and technical community. We have been concerned with relevance for a number of years. Our present meeting format is a result of this. I personally think it should be continued and if proper occasions arise greater attempts should be made to interest a much wider audience than our membership. Like most other aspects of our society, science is being critically examined and the most vocal of these examiners are non-scientists. Science can best be explained by scientists. Of a great scientist Einstein once wrote:

"In my view there is but one way to bring a great scientist to the attention of the larger public: it is to discuss and explain, in language which will be generally understood, the problems and the solutions which have characterized his lifework. This can only be done by someone who has a fundamental grasp of the material . . ."

We all have a responsibility as scientists and engineers to explain our accomplishments to the larger public. The Institute of Science can provide a forum for this. Thank you.

The Treasurer, D.W. Russell reported

Receipts	\$4950.85
Expenditures	500.46
Permanent Fund	534.88
Total cash assets as of May 9, 1973	7683.99

The Editor, M.J. Harvey, reported that the *Chondrus crispus* Symposium would be ready for distribution in June as a Supplement to Volume 27 of the Proceeding. The next publication should be Volume 27 Part II for which two papers were in hand.

The Librarian, Miss E.M. Campbell, reported that a revised list of our exchanges has been prepared. There were 120 requests for interlibrary loans during the year and considerable correspondence with regard to the Supplement to Volume 27. Our holdings are being arranged and indexed in the Dalhousie Science Library where they are distinguished by the Institute's bookplate.

Officers and others elected for the session 1973-74 were:

President	R.G. Ackman
First Vice-president	P.J. Wangersky
Second Vice-president	G. Mitchell
Secretary	N. Cuthbertson
Treasurer	D.S. Davis
Editor	M.J. Harvey
Council	R.F. Brown, K. Hellenbrand, B. Loncarevic, A.Y. MacLean, E.L. Mills, A. Taylor.
Auditors	J.R. Dingle, W.J. Dyer

PROCEEDINGS OF MEETINGS**(Valley Chapter 1972-73)****1st Ordinary Meeting, 2 October 1972**

"Ground level variations of the background radioactivity during the sun eclipses of July 1970 and 1972", G. Stevens Acadia University.

2nd Ordinary Meeting, 6 November 1972

"Baffin Island — a mini-exploration", D. Toews, Acadia University.

3rd Ordinary Meeting, 4 December 1972

"North American blueberries", S. van der Kloet, Acadia University.

"Blueberry research in Eastern Canada", I. Hall, Agricultural Research Station, Kentville.

4th Ordinary Meeting, 8 January 1973

"The development of new cultivars in tree fruits", D. Crowe, Agricultural Research Station, Kentville.

"Flame plasma . . . too hot to handle" D. MacLatchy, Acadia University.

5th Ordinary Meeting, 5 February 1973

"Topography and climatic effects on organochloride pesticide residues in the Habitant Creek watershed", G. Burns, Acadia University.

"Structural petrology of lava flows in Iceland", S. Atkinson, Acadia University.

6th Ordinary Meeting, 5 March 1973

"Pleural biopsy — 100 cases", W. Crossen, N.S. Sanatorium, Kentville.

"Prescalene fat-pad biopsy — 218 cases", J. Quinlan, N.S. Sanatorium.

"The tuberculin test", H. Holden, N.S. Sanatorium.

7th Ordinary Meeting, 9 April 1973 (joint meeting with the Halifax Chapter at Acadia University)

"Pheromones in insect control", C.R. MacLellan, Agricultural Research Station, Kentville.

"A fisheries scientist visits Japan", W.J. Dyer, Fisheries Technological Station, Halifax.

Officers and others elected for the year 1973-74 were:

President
Vice-president
Past-president
Secretary
Treasurer
Councillor

C. MacLatchy
H. Specht
F. Forsythe
F. Bent
T. Haliburton
Maria Rostocka