

PROCEEDINGS OF MEETINGS

Session 1969-1970

Meetings and communications during the year were as follows.

1st Ordinary Meeting, October 20, 1969

"Canadian science policy in transition" by F. R. Hayes, Dalhousie University.

2nd Ordinary Meeting, November 10, 1969

"Enzyme production by chemical deception of micro-organisms" by R. G. Brown, Dalhousie University.

3rd Ordinary Meeting, December 8, 1969

"The importance of the equation $dx/dt = f(t)x$ " by W. J. Archibald, Dalhousie University.

Joint Meeting with the Chemical Institute of Canada, January 12, 1970

"A chemist's impressions of South America and South Africa" by J. K. N. Jones, Queen's University, Kingston, Ont.

4th Ordinary Meeting, February 9, 1970

"The chemistry of silicates" by C. R. Masson, National Research Council, Halifax.

5th Ordinary Meeting, March 9, 1970

"Hudson '70 - Halifax to the South Shetland Trench" by P. J. Wangersky, Dalhousie Institute of Oceanography.

6th Ordinary Meeting, April 13, 1970 (jointly with Valley Chapter)

"Predator-prey systems and high-seas fisheries. Can we catch more fish?" by L. M. Dickie, Marine Ecology Laboratory, Bedford Institute,

"The unnatural history of our ubiquitous sea-slugs" by J. S. Bleakney, Acadia University.

7th Ordinary Meeting, May 11, 1970

"Hallucinogenic agents: their identity and mechanism of action" by J. G. Aldous, Dalhousie University.

109th Annual General Meeting, May 18, 1970

The President, A. C. Neish, was in the chair and delivered the following address.

The Institute has had 186 paid up members during this past year comprised of 96 ordinary members, 26 associate members, 2 student members, 24 life members and 38 members in the Valley Chapter. In addition there are 22 ordinary members and 11 associate members who have not paid their dues for this year.

The 1969-70 session started with a very successful meeting (attendance 110) at which Prof. Ronald Hayes gave a critical discussion of

Canada's science policy. There were eight ordinary meetings in all. A policy of having only one speaker at a meeting was followed except for the joint meeting with the Valley Chapter which featured a buffet supper followed by two talks in the general area of marine biology. A joint meeting was held in conjunction with the Chemical Institute of Canada, addressed by J. K. N. Jones, F.R.S., who was a tour speaker for the C.I.C. Other ordinary meetings featured talks in biology, oceanography, physics, chemistry and pharmacology. The average attendance at these meetings was 44. There were 8 Council meetings, with an average attendance of 9 members.

The policy of having only one speaker at a meeting probably gives a smaller audience with a higher level of interest. The attendance varied between 23 and 43 for meetings other than the three special ones mentioned above. However after these smaller meetings most of the audience stayed for coffee and continued discussions for another half hour or so. These coffee discussions do not occur after large special meetings.

We did not arrange any extraordinary meetings this year. The joint meeting with the C.I.C. happened to fall on the regular date for an ordinary meeting. The graduate student night was not held because students do not show much interest in the Institute.

This was not a particularly scintillating year in the history of the Institute, but it probably represents a level of activity that can easily be maintained. During the 108 years of operation of this society we have seen the emergence of scientific research as a profession. When this society was founded, and for many years thereafter, scientific research was pursued for its own sake by people who earned their living by other means. Now we have people who earn their living solely by doing scientific research — and quite a large proportion of the scientists in the Halifax area fall into this category. Their professional needs are served much better by societies operating on a national or international scale. However many of these people have an interest in science which extends beyond their specialty and can benefit from meetings such as are organized by the Institute. Most of our membership consists of professional scientists or academics whose research is heavily supported by government funding. We no longer reach the amateurs of science in any considerable numbers. In the future it would be desirable to foster such contacts.

In general we can hold two types of meetings: (1) Meetings of broad interest which would be attractive to the general public, (2) Meetings of interest to more specialized groups with over-coffee discussions.

We probably should have both types of meeting — and take pains to advertise the wide-appeal meetings so non-members would be encouraged to attend.

Both types were held during the past year. In the future it might be better to give more emphasis to meetings of the first type.

The Treasurer, M. Falk, reported

Receipts	1,967.34
Expenditures	12,108.90
Permanent Fund	529.62
Total cash assets as of April 28, 1970	\$ 2,656.57

The Editor, E. G. Young, reported the publication of Volume 26, part 4, of the Proceedings in December 1969, in all 475 pp., at a cost to the Institute of \$2.88 per copy.

The Librarian, Miss E. M. Campbell, reported a revision of the list of exchanges and correspondence with some to inform them of the new annual institutional membership of \$5.00. Processing of holdings of the Institute at Dalhousie University is continuing prior to moving to the Killam Memorial Library.

Officers and others elected for the session 1970-71 were

President	M. L. Cameron
First Vice-president	W. E. Jones
Second Vice-president	J. E. Blanchard
Secretary	N. Cuthbertson
Treasurer	A. G. McInnes
Editor	E. G. Young
Council — R. G. Ackman, R. F. Brown, K. H. Mann, D. W. Russell, B. Wright and G. Mitchell	
Auditors	J. R. Dingle, W. J. Dyer

PROCEEDINGS OF MEETINGS

(Valley Chapter 1969-1970)

1st Ordinary Meeting, October 6, 1969

“Recent advances in food processing” by R. Stark,

“Spawning and early life of the mackerel in the Gulf of St. Lawrence” by P. Arnold.

2nd Ordinary Meeting, November 3, 1969

“The effect of thalidamide on the development of the sternum” by M. Gibson.

3rd Ordinary Meeting, December 1, 1969

“Recent vulcanism in Iceland” by G. Stevens,

“The utilization of skeletal mineral for egg shell formation by the domestic hen, *Gallus domesticus*” by A. Cox.

4th Ordinary Meeting, January 5, 1970

“The concept of mass” by R. Bishop,

“A computer scientist looks at numerical taxonomy” by D. Bonyun.

5th Ordinary Meeting, February 3, 1970

“The application of low oxygen levels to fruit and vegetable preservation” by C. Eaves,

“How unique is water?” by M. Peach.

6th Ordinary and Business Meeting, March 2, 1970

“Spirometry” – a film,

“Chronic obstructive emphysema – a 10 year survey” by J. J. Quinlan,

“Pulmonary function – tests and blood gas analysis, a demonstration” by G. Kloss,

“Modern development in inhalation therapy” by E. Crossen.

Officers and others elected for the year 1970-71 were

President	K. Stewart
Vice-president	D. Stiles
Secretary	F. Bent
Treasurer	T. Haliburton
Executive	M. Rostoca
	J. Basaraba (past president)