

PROCEEDINGS OF MEETINGS 1982-83 HALIFAX CHAPTER

1st Ordinary Meeting, 13 Oct. 1982

"Canadarm, the Canadian Technological Success". Karl Doetsch.

2nd Ordinary Meeting, 1 Nov. 1982

"Microbial Processes at Deep-Sea Hydrothermal Vents". Holger Jannasch, Woods Hole, Mass.

3rd Ordinary Meeting, 6 Dec. 1982

"The Modelling of Acoustic Propagation in Coastal Waters". David F. Chapman, Defence Research Establishment Atlantic.

4th Ordinary Meeting, 10 Jan. 1983

"The Edible Fern, A History of the Fiddlehead". P. Von Aderkas, Atlantic Regional Laboratories, National Research Council, Halifax.

5th Ordinary Meeting, 7 Feb. 1983

"Fish Passage Through Hydroelectric Turbines". Paul Ruggles, Montreal Engineering.

1st Extraordinary Meeting, 14 Feb. 1983

"The Disposal of Hazardous Wastes". Ian C. Travers, Environmental Protection Service.

6th Ordinary Meeting, 7 Mar. 1983

"Water, Molten Rocks and Other Remarkable Liquids". Walter Kauzmann, Visitor, Atlantic Regional Laboratories, Halifax.

Annual General Meeting, 25 April 1983

"The Regional Nuclear Magnetic Resonance Centre". W. Jones, Dalhousie University.

VALLEY CHAPTER

1st Ordinary Meeting, 8 Nov. 1982

"Mushrooms of Nova Scotia". Ken Harrison, Acadia University.

2nd Ordinary Meeting, 17 Jan. 1983

"Oil of Evening Primrose". M.F. Nanku. Efamol Research Institute.

3rd Ordinary Meeting, 21 Feb. 1983

"Botulism—New Technology, New Concerns". Eric Jackson, Agriculture Canada, Kentville.

4th Ordinary Meeting, 14 Mar. 1983

"Mountain Building in Western Canada". Robert Raeside, Acadia University.

5th Ordinary Meeting, 18 Apr. 1983

"Wine making, a viable industry for Nova Scotia". Rodger Dial, Grand Pré Wines.

THE PRESIDENT'S REPORT

The Institute, like many other organizations, is feeling the effects of the downturn in the economy. In many respects this was a momentous year marked by the publication of Dr. A.E. Roland's book *Geological Background and Physiography of Nova Scotia* and its attendant monetary problems. This book is now available to members at a special price through the Museum. It was a long, hard struggle for those involved and many thanks must go to those who assisted in getting the publication completed and the book available to the public. The Atlantic Geoscience Society also publicized the book in their newsletter.

The program of meetings during the year consisted of six ordinary meetings, one joint meeting, joint sponsorship of the A.C. Neish Memorial Lecture, and two special lectures at Dalhousie. The venue for the regular meetings was the Museum, but two meetings were held at the Nova Scotia Archives. Thanks to both organizations for the use of these facilities. Two special lectures held in September were by Dr. Jack Vallentyne (on Ecosystems), the joint lecture with the Atlantic Geoscience Society was by Dr. Robert J. Wetmiller (on the 1982 Miramichi earthquake). The A.C. Neish Memorial lecture was by Dr. Karl Doetsch (on the CANADARM). The lectures and presentations at the ordinary meetings covered the usual wide range of subjects. In recent years the Institute has made special efforts to ensure that there is coverage of both the natural and physical sciences on both the applied and pure aspects. In this regard, joint sponsorship of lectures is very helpful. It also brings us more publicity than our ordinary series of lectures, and brings the activities of the Institute to the attention of a larger range of potential members.

A recommendation to the incoming Council is to place more emphasis on public relations. Although the local radio, TV, and newspapers publicize our activities as part of their public service announcements, it is probably insufficient to ensure good turnouts at each meeting. A more personal relationship with the media should result in improved attendance. One member of Council could possibly be assigned this task.

The major problem facing the Institute at the beginning of the year was the cost overrun on publishing Roland's book. This turned out to be an extremely large undertaking in relation to the resources available to the Institute. Furthermore, we did not have the experience to understand business problems related to publishing a book of this nature. As a result, it looked like the 120th President also would be the Institute's last. However, an extremely sympathetic hearing from the Museum authorities (particularly Dr. J. L. Martin) brought assistance from their publication fund to overcome this deficit and keep us in a sound financial position. One of the lessons to be learned from this activity is that the Institute consists of people who can donate only a limited amount of time to the Institute; they are not in a position to retain control of a large project such as Roland's book. Therefore, I recommend that in the future activities in this area remain at the level similar to those of the Proceedings; thus, if something goes wrong, the liability is limited too.

Because of the high cost of single mailings, notices of meetings were reduced to two: a fall and a spring program mailing. Publicity for each meeting, however, was circulated prior to each meeting. On a motion by Dr. John van de Meer, our former Editor (Dr. Jack McLachlan) was made a life member to honour his many years of work as an Institute Editor. During his time as Editor, the Proceedings gained steadily in stature; this process, we know, will continue with the current Editor, Dr. Hicks.

The only working Chapter the Institute has is in the Annapolis Valley. However, without a formal means of reporting, communications between the Institute in Halifax and the Valley Chapter are tenuous at best. The next Council should delegate a member to ensure that a communication pipeline is established and kept open.

Since I live and work on the Dartmouth side of the Harbour, there have been numerous times when I have had to fall back on the other members of Council for assistance. I would like to thank all members for their support and, in particular, Dr. Alan Taylor, a steadfast worker on behalf of the Institute, who assisted me greatly in the latter half of the year; and, our outgoing Treasurer, Dr. John van de Meer, who freely gave of his time to solve the Institute's financial problems; also, the officers of the Institute—for, without them, the ongoing activities of the Institute would be difficult . . . if not impossible.

Finally, I would like to wish the incoming President, Dr. Alan MacLean, a very successful and pleasant year. I know he will be supported by a strong group.

John R. Helliwell