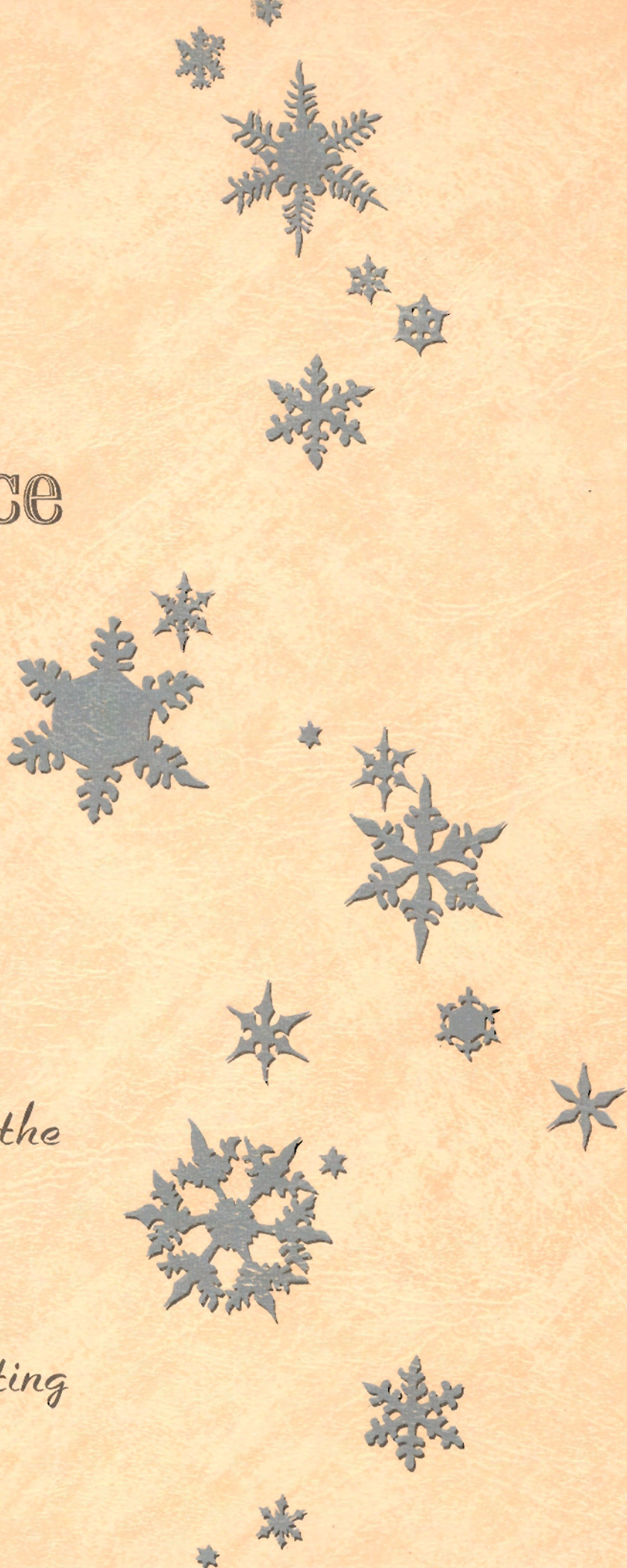


Eastern
Snow
Conference

Proceedings of the

1973

Annual Meeting



PROCEEDINGS OF THE
THIRTIETH ANNUAL
EASTERN SNOW CONFERENCE

FEBRUARY 8, 9, 1973
AMHERST, MASSACHUSETTS

FOREWORD

In keeping with the objectives of the Eastern Snow Conference "to collect, disseminate and analyze data relating to snow and ice," The Executive Committee of the Conference is pleased to submit this copy of Proceedings, Volume 18, in recognition of the Thirtieth meeting of the Conference.

The Eastern Snow Conference is an informal group of business men, engineers, foresters, scientists and educators from Eastern United States and Canada, which meets annually at some pre-selected location in New England, New York, or Canada. The purpose of these meetings is the interchange of information related to snow, ice, frost, hail, and other phenomena associated with the winter season.

The 1973 meeting was held in Amherst, Massachusetts. In 1974, the group plans to meet in Guelph, Ontario, Canada, in early February.

Membership in the Conference is open to all interested individuals. For the modest annual dues of five dollars, each member receives one copy of the Proceedings, together with any other data distributed by the Conference. Additional copies of current Proceedings and copies of many of the back issues are available from the Secretary.

Publication of these Proceedings was made possible in part by Corporate Memberships in the Conference held by the following:

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EASTERN SNOW CONFERENCE

THIRTIETH ANNUAL MEETING, FEBRUARY 8, 9, 1973

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By Duncan C. Blanchard
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February 1, 1973

Dear Eastern Snow Conference Members:

On behalf of the Western Snow Conference, I should like to extend greetings and best wishes for a successful conference at Amherst. The association of scientists dedicated to the study of snow and its related resource is one of the finest anywhere in the world. Even in an age of space travel there are many things we do not know about snow. This resource affects the lives of almost the entire population of the United States and Canada. New ideas and innovations will be necessary to satisfy our expanding population growth. Many of the problems associated with your area are common to ours. I would like to see a more extensive exchange of ideas and research material between our groups. I believe this could be accomplished through an increased distribution of the proceedings. You may wish to discuss this at your business session.

Along this line, I would like to see the possibility of a joint meeting of the Western and Eastern Snow Conferences explored.

We would be pleased to welcome Eastern Snow Conference members at our annual conference at Grand Junction, Colorado, April 17-19, 1973. Plans are tentative for the 1974 meeting at Anchorage; 1975 meeting along the west coast, and a 1976 meeting at Calgary. It may be possible for some of you to be in attendance at these future meetings.

Mr. Robert Davis, our conference secretary, will be in attendance at your annual conference. Feel free to contact Bob if you should have questions relative to the Western Snow Conference.

Again, have a fruitful and rewarding conference at Amherst.

Sincerely,



P. E. Farnes
General Chairman