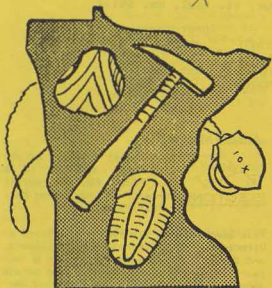


WINTER -- 1987-88



# Geological Society of Minnesota

## NEWS

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Geological Society of Minnesota

MINNEAPOLIS, MINNESOTA



FIRST CLASS



JAN 11 1987

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EDITORS:

GEORGE AND GOLDIE JOHNSON  
5146 - 197th Avenue N. E.  
Wyoming, Minnesota 55092

Minnesota Geological Survey  
2642 University Ave. W.  
St. Paul, Mn. 55114

PLEASE FORWARD



# Geological Society of Minnesota

1711 Marshall Avenue, St. Paul, Mn. 55104

## OFFICERS:

Pres. Warren Mitchell  
V. Pres. Marian Marien  
Treas. Dwight Robinson  
Sec'y. Francine Corcoran

## DIRECTORS:

Martha Collier  
Jeff Garry  
Bob Gunville  
Edward Huppler  
Goldie Johnson

NEWSLETTER: NOVEMBER, DECEMBER (1987),  
JANUARY (1988)



Over the holidays in these winter months we've some time to reflect on the activities that we've experienced over the past year. We appreciate the leadership. Leadership we've received from our officers and their committees that made this another successful year. However, we cannot overlook the fact that you, the members, have generated a lot of enthusiasm by your attendance at the lectures, the labs, and the field trips that have been prepared for us. For this we have a lot to be thankful for.

We are about to enter the fourth sequence of lectures in our program entitled "MINNESOTA: OUR PIECE OF THE ROCK THROUGH 4.5 BILLION YEARS" conducted by faculty members from the University of Minnesota and Macalester, and geologists from the Minnesota Geological Survey. Again we've noticed from the attendance records that we have another great program going. If you have not attended any of the lectures yet, be sure to make plans to begin the new year with attendance at the lectures and participation in the field trips this coming year.



TAKE  
TIME

A word of thanks to our lecturers and to all who have been so gracious to supply beverages and goodies for our lecture nights. They are greatly appreciated by all who attend the lectures.

The editors wish you a blessed holiday season.

## Annual Meeting



## ELECTIONS

The Annual Meeting of GSM was held September 28 at the Old Country Buffet across from Maplewood Mall in St. Paul.

Five members were elected to the Board of Directors. Jan Mitchell, Walt Blowers, and Bruce Leiding were elected to a two-year term. Marian Marien and Goldie Johnson were elected for a second two-year term.

Highlighting the meeting and serving as an introduction to this years public lecture series was a slide presentation "Minnesota: The Land that Glaciers Built." This slide presentation was beautifully put together for the Minnesota Geological Survey by Marcia Gunville whose memory we hold dear. We wish to thank the program and social chairpersons for another great get-together. Beautiful gourds supplied by Irene Carlson decorated the tables. Again, the meeting was well attended as the room was filled with both local and out-of-town members.

\* \* \*



At the November GSM Board Meeting, the following officers were elected: Marian Marien, President; Fran Corcoran, Vice President; Janet Mitchell, Secretary; and Ed Huppler, Treasurer. We would like to express our deepest thanks to the retiring board members who have given so generously of their time and talents: Warren Mitchell, President 1986-87; Dwight Robinson, Treasurer 1986-87 and Jeff Garry 1985-87. We congratulate our new directors and officers and pledge our support to them as they lead us into the new year.

\* \* \*



Two months of our membership year are now past history but still ahead are seven lectures, two labs, plus field trips. Membership in GSM continues to be a bargain. We are happy to report many new members whom we welcome, plus all the renewals.

Notices will be sent soon to those who have not renewed. If you get one, please consider renewing your membership and support your society.

Your continued support is greatly appreciated.

Bob Handschin, Membership Chairman

STILL AVAILABLE,  
A SPECIAL MEMBERSHIP BONUS

The Society still has a limited supply of Rocky Roots which is offered free to those who pay their annual dues. One copy per family is the limit, however. This very attractive 36-page booklet describes building stones used in downtown St. Paul structures. Sister Joan Kain, a long-time active GSM member, prepared it in 1978 as a teacher's guide. It sets out three walking tours, with maps and illustrations and other interesting information. Copies are available at the lectures.

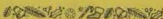
MARK YOUR



PUBLIC LECTURES

In our last newsletter you received a copy of the 1987-88 Program. The first three sequences have been very well attended. If you have not attended yet this year, you have been missing an excellent program. Look over your 1987-88 Program again and be sure to join us for the remainder of the year.

Meetings: 7:30pm Mondays,  
December 7; January 11 & 25;  
February 8 & 22, March 7 & 21;  
April 4



Where: 170 Physics Building, U of M,  
from October through December. From  
January through April in Room 150 Physics  
Building.

Copies of the GSM 1987-88 Program may still be picked up at the lectures if you have misplaced your copy.

\* \* \* \* \*

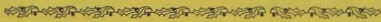


The Board is in the process of forming new committees for the coming year. If you are approached to serve on a committee, give it some serious and positive thought. If you are not approached and would like to contribute your ideas, please let anyone on the board know of your interest. GSM needs your ideas and help in order to progress and grow.



STATE FAIR BOOTH ATTENDANTS:

Staffing our 1987 fair booth were 42 persons, some of whom served two four-hour periods. Attendants included the following: Virginia Baker, Grace Benz (2), Walt Blowers, Irene Carlson, Rita Childs, Francine Corcoran (2), Warren Fieber, Fern Belle Frost, Henry & Marjorie Gangl, Bob and Macie Gunville, Fred Hallberg, Bob Handschin, Dr. Ed and Sylvia Huppler, Jay Hutchinson, Allen Immerfall, George and Goldie Johnson, Mary Kimball (2), Bruce Leiding, Paul Lemke, Dr. Alex and Marlys Lowe (2), Everett and Doris Luhsann, Warren and Jan Mitchell, Glenn and Marian Nyberg, Clarence and Liz Doten, Dwight Robinson, Gerry Roth, Dee Schmalz, Dick and Eva Selander (2), Allen Siekmeier, Mike Solveson, Phil Thompson, and Mrs. Dode Wanson (with a friend, Mrs. Winnedell Wilson).



All were astonished at the number of fair visitors who signed up for a free copy of the next newsletter, setting a new record of 1035, compared with 435 in 1985, our first sign-up year, and 700 in 1986.

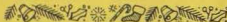
These newsletters serve as a reminder of our program just before our first fall lecture.

Helping at the fair is a fun experience. Some of you may want to try it next year, says Bob Handschin, who did the calling for volunteers again. Thanks to every-body who helped make it a fine attraction.



**Jay Hutchinson**, Writer/Editor for the North Central Forest Experiment Station, has another article in the October issue of the Minnesota Out-of-Doors magazine. MOD is a publication of the Minnesota Conservation Federation. Jay's article "When Pines Get Thirsty, Do Bark Beetles Listen?" describes how bark beetles and other insects looking for a meal know that a drought-stressed tree can be "heard". Jay is a professional forester by training and a communicator by choice.

**Frank Gohike**, Landscape Photographer, was featured in the Sunday, October 4, 1987 issue of the Star Tribune's Arts and Entertainment section. A three-page spread described Frank's work here in the Twin Cities, the Midwest, the United States - especially Mount St. Helens, and most recently in France. A book of his classic photographs of Midwestern grain elevators is to be published next year. He returned this fall from France where he photographed the countryside on a French government grant. Frank says that he is going to miss Minnesota much. We remember Frank for his Mount St. Helens presentation at our 1985 GSM Spring Banquet. Frank's wife, Lucy, was recently named assistant director of the Wellesley College Art Museum in Massachusetts. We'll miss you too, Frank.



## BOOKS



The publications listed below aid in understanding Minnesota's geological history. Look for some of them in the local bookstores. Others may be purchased at the Science Museum of Minnesota and the Minnesota Geological Survey.

### Minnesota Geology Publications:

--MINNESOTA'S GEOLOGY - R.W. Ojakangas & C.L. Matsch, University of Minnesota Press, 1982. \$16.95

--MINNESOTA UNDERFOOT, A FIELD GUIDE TO THE STATE'S OUTSTANDING GEOLOGIC FEATURES - C.J. Sansome, Voyageur Press, 1983. \$10.95

--THE LAKE SUPERIOR AGATE - Scott F. Wolter, Star Press, 1986. \$12.95

--BILLIONS OF YEARS IN MINNESOTA, THE GEOLOGICAL STORY OF THE STATE - Edmund C. Bray, The Science Museum of Minn., 1977.

### Minnesota Geological Survey Publications:

--GEOLOGY OF MINNESOTA: A CENTENNIAL VOLUME - A comprehensive review of the geology of Minnesota written by 33 authors, 1972. \$7.50 plus \$2.00 for postage and handling.

--AN INTRODUCTION TO CAVES OF MINNESOTA, IOWA AND WISCONSIN - E. C. Alexander, Jr., 1980. \$5.00

--EARTHQUAKE HISTORY OF MINNESOTA - H. M. Mooney, 1979. \$2.00

--ENVIRONMENTAL GEOLOGY OF THE NORTH SHORE - Green, Jirsa & Moss, 1977. \$5.00

