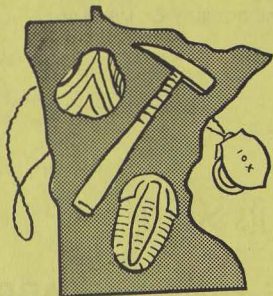


SPRING 1983



# NEWS

**Geological Society of Minnesota**

FIRST CLASS

MINNEAPOLIS, MINNESOTA



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RETURN REQUESTED

SELANDER, Dick & Eva  
5129 29th Ave. So.  
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## GEOLOGICAL SOCIETY OF MINNESOTA

### OFFICERS

Pres. Dick Uthe  
 V. Pres. George Johnson  
 Treas. Elaine Fink  
 Sec. Eva Selander

### DIRECTORS

Dale Johnson  
 Marilyn Lowe  
 Conrad Nelson  
 Liz Doten  
 Eva Selander



*it's Spring!*

## HIGHLIGHTS from the BOARD

Next Year's Lecture series program has been almost completed and will be ready for the State Fair.

Membership remains fairly constant numerically, although gains each year are almost equaled by those who don't continue.

Field Trip Schedules are included in this letter.

If you haven't already signed up to indicate your interest, you may still do so at the Banquet or by calling Bob Gunville at 644-6429.

Fair Booth exhibits are being planned by the committee.

Public Service Committee. Our display at the Elm Creek Rest Center on I 94 is still in good shape. The Center is planning to install "light boxes" for advertising. There is a possibility of mounting transparencies within these boxes.

A new I 94 Information Center is considered for Hudson, Wisconsin, plans for which will be let in February 1984. As more funds than we have available the committee may have to seek foundation grants. Much work needs to be done to prepare for this more ambitious project.

A new project has been proposed by the Committee.

It all came about as a result of the editor's experience as a WISE volunteer in service to community education and the community resource volunteer program. When they found out that geology was my hobby, they wanted programs on the subject. Fortunately Sr. Joan Kane has one on the Grand Canyon. It has been shown at five different elementary schools in Minneapolis, and favorably received. The committee is considering developing more programs dealing with places we have visited on field trips. This type of thing has many possibilities for members to share photos and slides as well as rocks with schools and other organizations in this area.

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# Minnesota Geological Society

## SPRING BANQUET



MONDAY EVENING, 25 APRIL, 1983

DUFF'S SMORGASBORD

WARD'S TERRACE SHOPPING CENTER, ROBBINSDALE

DINNER BUFFET BEGINS ABOUT 6 P.M.

EVENING PROGRAM BEGINS AT 7:30 P.M.

GUEST SPEAKER: Dr. GEORGE SHAW, U of M GEOLOGY DEPARTMENT  
TITLE: "LEGISLATIVE ASSISTANT"

Prof. Shaw served as a consultant to U.S. Congressman Al Swift (Washington State), a member of the Energy and Commerce Committee. Prof. Shaw's consultations focused on geology and public policy dealing with nuclear waste disposal. In his talk with us Prof. Shaw will consider these issues from a national and also from a State of Minnesota point of view.

TOTAL COST FOR DINNER AND PROGRAM: \$6.50 per person  
(Because of the physical arrangements at Duff's, there is no option this year of attending the program without also participating in the buffet smorgasbord.)

Duff's is located on the southwestern corner of West Broadway and 36th Avenue, N., about four miles northwest of downtown Minneapolis. The location is served by bus line #14 (any letter except 14K, 14L, or 14M). Buses run regularly during rush hour; buses return to downtown Minneapolis from Duff's at 9:24 P.M., 9:54 P.M., and 10:54 P.M..

There are three methods of purchasing tickets; tickets will be collected on the evening of 25 Apr by Duff's cashiers.

- (a) Purchase tickets at any of the remaining public lectures of G.S.M. (28 Mar, 11 Apr) from Marjorie McGladrey
- (b) Purchase tickets "at the door" on the evening of 25 Apr -- a table inside the entrance of Duff's will be staffed from 5:30 P.M. to about 7:30 P.M. Please bring correct change.
- (c) Purchase tickets by completing the attached form (below) and sending it WITH A STAMPED, SELF-ADDRESSED ENVELOPE and a cheque or money order (made payable to "Geological Society of Minnesota") for the correct amount, to Mary Kimball, 1711 Marshall Avenue, Saint Paul, Minn. 55104

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GSM SPRING BANQUET, 25 Apr 83, Duff's Smorgasbord, Robbinsdale

### TICKET PURCHASE REQUEST

Number of tickets requested: \_\_\_\_\_

Total cost of ticket(s) at \$6.50 per person: \$ \_\_\_\_\_  
(cheque or money order only, please)

Your name: \_\_\_\_\_

Return this form, your cheque or money order, AND A STAMPED,  
SELF-ADDRESSED ENVELOPE to:  
Mary Kimball,  
1711 Marshall Avenue,  
Saint Paul, Minnesota 55104

Unaudited Annual Financial Report for Geological Society of Minnesota for  
Fiscal Year Ending September 30 1982

<u>INCOME</u>	<u>1982</u>	<u>1981</u>
Membership	\$1,292.00	\$888.00
Contributions*	204.00	80.00
Banquet**	(5.00)	19.22
<u>Workshop</u>	<u>—</u>	<u>21.50</u>
Total Operating Income	\$1,490.00	\$1,008.72

EXPENSES

Lectures	550.00	600.00
Newsletter	292.15	311.50
Printing (incl. roster)	200.70	72.30
Postage	32.21	54.28
Bankcharges	—	46.17
Annual meeting	—	21.65
<u>State Fair*</u>	<u>396.36</u>	<u>201.94</u>
Total Operating Expense	\$1,470.42	\$1,307.84
Operating Surplus (Deficit)	\$19.58	(\$299.12)

Interest Income

Midland Savings	\$7.24	\$6.86
F & H Certificate	—	132.19
<u>Current Interest</u>	<u>472.63</u>	<u>197.93</u>
Total Interest	\$479.87	\$336.98

Year End Balances

Midland Savings	\$141.48	\$134.24
Current Interest	3,870.56	3,397.93
<u>Midland Checking</u>	<u>129.83</u>	<u>110.25</u>
Total Cash Assets	\$4,141.87	\$3,642.42
Prepaid memberships	<u>34.00</u>	<u>14.00</u>
Total Cash	\$4,175.87	\$3,656.42
Change in assets from previous year	+\$499.45	+\$52.16

\*GSM received \$194.00 contribution from Bolger Printing for duplicating our State Fair handout. An IBM typewriter was contributed by Honeywell, Inc., but is not included in this financial statement.  
\*\*Banquet expenses, \$571.00 exceeded Banquet receipts, \$565.00, by \$5.00.



PICNIC AT MINNEHAHA PARK

JUNE 3 6:30 p.m.

AUTOGRAPH PARTY FOR

CHARLIE NATSCH



SEE YOU AT THE BANQUET

# FIELD TRIPS

## SUMMER FIELD TRIPS ARE SCHEDULED

G.S.M. members will have several opportunities this summer to participate in a variety of field trips designed to increase our understanding of this year's lecture topics. Bob Gunville, field trip chairman, has arranged four trips with specialists in the areas being visited.

June 4-5 -- Glacial History of Southwestern Minnesota and the Minnesota River Valley, Dr. Charles Matsch, Univ. of MN Duluth, 2 days by bus.

This picturesque rural portion of Minnesota has been shaped by a series of dramatic geologic events. Last summer we learned about how the extremely old bedrock was formed during the earth's early history. This year Dr. Matsch will take us, episode by episode, through the complex series of more recent glacial events which brought in the rich farm soils found on top of the bedrock. He is one of the principal researchers in this area, and will show us how he can determine its glacial history from the field evidence here. We will stay overnight (camping and motel) in Granite Falls, and will plan a pot-luck picnic supper in the park for Saturday evening, as we did last year.

June 3 -- SPECIAL EVENT: -- Picnic and Autograph Party at Minnehaha Falls with Charlie Matsch, Co-Author of "Minnesota's Geology", 6:30 P.M.

Charlie has agreed to get together with all his old -- and new -- friends for a special party at Minnehaha Falls on Friday evening before his field trip with us. All G.S.M. members and their families are invited to attend. If you wish, bring your book for autographing. We will try to have extra books for sale. Bring your own food, beverages, dishes, and one item to share (your choice). Meet near the pavilion, by the G.S.M. banner.

June 25-26 -- Structures of an Ancient Syncline at Baraboo, Wisconsin -- Dr. Peter Hudleston, Univ. of Minn. -- 2 days by car.

The Baraboo-Devil's Lake region of Wisconsin is noted for its rugged wooded hills and beautiful scenery, a legacy from Precambrian crustal warping, as well as Pleistocene glaciation. The Baraboo Syncline is a classical study area for structural geologists. Dr. Hudleston regularly conducts a field trip here to point out its many puzzles to his structural geology students. He will be able to show us some of the kinds of field relationships taught in his spring lecture series, and will point out how structural geologists use them to work out the solutions to these puzzles, sometimes from a single location such as Van Hise Rock at Rock Springs, Wisconsin. We will arrange camping or moteling in the lovely resort area of Devil's Lake State Park.

Mid to Late Summer (date to be arranged) -- Twin Cities Landforms, a Legacy of the Glaciers -- Barry Goldstein, Univ. of Minn., 1 day by car.

The imprint of glaciers is found everywhere in the Twin Cities. Although the area's landforms are diverse, they have all been molded by ice. Barry Goldstein is a University of Minn. PhD candidate in glacial geology working under Dr. R.E. Wright, one of this year's G.S.M. lecturers. He will lead a local field trip to show us how glaciation has produced the topography here. Barry teaches a University Extension class on Minnesota Geology, and also leads his students on this trip.

*W. Wright - Cong. Sec. Minn. State*  
*W. H. H. - Cong. Sec. Minn. State*  
*Senators - E. Brown, C. Cong. Sec. - R. B. ...*

## In Memoriam

Samuel B Mayo, president of the Society in '71 and '72, died last November after a long illness from emphysema. He was an architect.

Sam headed the Public Service Committee which has been responsible for getting exhibits at interstate rest stops.

Emil Gudmundson, spouse of Barbara Gudmundson, Society president c. 1980, died at Lundar, Manitoba December 27, 1982. A Unitarian minister he had served Unitarian-Universalist churches in Ellsworth, Maine, Huston, Texas and Hanska, Minnesota, before becoming UUA interdistrict representative for the Can-Am Prairie Interdistrict.

\* \* \* \* \*

## New Members

Michael Herron & Jean (Gracyk) 747 E. Lavison St. Paul 55106	771-3734 H 373- 8213 H	Edward D. Burckhardt 501 8th St S.E. Minneapolis 55414	331-9276
Allan Innerfall 14320 Xebec St. N.E. Anoka 55303	784-1844	Robert Watson 72 E. Sidney St. St. Paul 55107	227-1240
Kay Sproll 1554 Hillside Av. No. Minneapolis 55411	522-3388	Changes -- Telephone	
Address Change		Flora E. Hauser	924-5452
Marjorie McGladrey 8351 278 th St. E. Elko, Minn. 55020		Dick Uthe	331-9677 H 373-028 H
		M. Galen O'Connor	698-0744

## FIELD TRIPS

Con't

Sept. 10 -- Seminar on the Paleontological Studies at the Science Museum of Minnesota in St. Paul -- Bruce Erickson.

Mr. Erickson, as curator for the paleontology section, is responsible for the Science Museum's fossil collections, cataloging, and research in this area. He will conduct a special tour to show us the museum's facilities and exhibits dealing with paleontology, and to explain the museum's ongoing studies, both in the field and in their laboratories. A group visit to the Omnitheater's afternoon showing will be arranged for those wishing to stay.