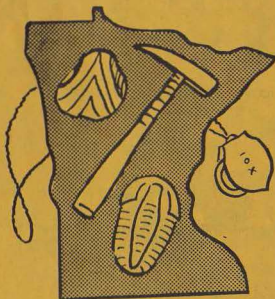


SEP, OCT, NOV 83

Autumn 1983



NEWS

Geological Society of Minnesota

MINNEAPOLIS, MINNESOTA

FIRST CLASS



Ethel A. Shimek - Editor
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Minneapolis, MN 55408

RETURN REQUESTED

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GEOLOGICAL SOCIETY OF MINNESOTA

OFFICERS

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

DIRECTORS

George Johnson
 Marlys Lowe
 Conrad Nelson
 Liz Otten
 Eva Selander

September
 October 1983
 November



Annual Meeting to be at Viking Village

This year's Annual Meeting is Monday, 26 Sep 83, at the Viking Village Smorgasbord (2920 27th Ave., S., Mpls. (at the corner of Lake St. and 27th Ave., S.)) at 7 PM. If you wish to have dinner there, we usually start eating at about 5:30 PM:

The main business will be the election of board members. A slide program on this summer's field trips will be presented by Bob Gunville. There may be some advance information about the lecture series if the lecturers are present. The meeting usually concludes about 9:30 p.m.

DUES ARE DUE OCTOBER 1

The membership secretary will be on hand to receive your 1983-84 dues. The date was moved up to October by the board in 1982. If you are not able to attend the meeting, please send a check to Marjorie McGladrey, 8351 278th Street, E., Elko, Minn. 55020.

Bloom County



by Berke Breathed



I JUST FEEL SOME-
 THING... IT MUST BE
 HAPPENING AGAIN...
 YES, I'M SURE OF IT...

Directors To Be Elected

The nine Directors of the Geological Society of Minnesota (GSM) each serve a two-year term on the Board on a calendar-year basis. Directors may serve a maximum of two consecutive terms (= four years). Annually, during summer, the current Board determines nominees to be recommended to the Society's members for election to the next year's Board of Directors. GSM members who attend the Annual Meeting in fall vote on the nominees. Nominations may also be made by GSM members at the Annual Meeting itself. The new Directors thus elected are encouraged to attend the remaining Board meetings in the fall before their terms begin to acquaint themselves with returning Board members and Board operation. (During the fall, the Board decides on new officers for the next calendar year from its ranks.)

Four of the current Board members are in the middle of their two-year terms and will be returning to the Board for 1984; they are Marlys Lowe, Conrad Nelson, Liz Ooten, and Eva Selander. So five Directors must be elected at this year's Annual Meeting. The current Directors recommend that the GSM members elect the following people to the Board for the term 1 Jan 84 through 31 Dec 85: Wilbur Hill, George Johnson, Warren Mitchell, Dwight Robinson, Dick Uthe. (Johnson and Uthe are current Directors finishing their first terms and are nominated for second terms; Hill, Mitchell, and Robinson are nominated for their first terms.) All five have agreed to have their names placed in nomination.

The remaining Board meetings this year are scheduled for the following Monday evenings at 7:30 PM: 17 Oct, 14 Nov, 12 Dec. They will (probably) be at Dick Uthe's place (2050 NW 14th St., Apt. 206, New Brighton (631-9677)). Any member of the Society may attend Board meetings. (If you need directions, ask Uthe.)

Additional note: remember, our first lecture of the fall season is Monday, 10 Oct 83, 7:30 PM, Room 133 Physics Building, U of M Twin Cities campus (east bank). Please consult the 1983/84 program printed elsewhere in this newsletter for further particulars.

Acknowledgment

Ye Editor wishes to thank the members who have helped with the writing and production of the Newsletter during the past year.

To Wit: Bob and Marcia Gunville, Bob Handschin, Jay Hutchinson, Dwight Robinson, Dick Uthe, contributors; Eva Selander, typing, Ann, and Irene Jworski, Dorothy Longfellow, Fern Belle Frost, Kathy Kellar Condon, Conrad Nelson, Beulah Rundgren, assembling and mailing.

Committee Seeks Pix of Geologic Sites

We are looking for photos (prints or slides, preferably color) of familiar places in the Twin City area that illustrate phases of geologic processes.

The purpose is to develop a slide program with script, suitable for use in the Public Schools in the area. Teachers in some Minneapolis grade schools have expressed an interest in a teaching aid like this.

Sr. Joan's program on the Grand Canyon was presented at several schools by members under the auspices of the NISE and GISE volunteer program. More could be used. We think members have many photos tucked away and some may like to let us use them.

We also need bodies. For further information, call Ethel Shimek 872-4030, Dick Utne 631-9677 H or 373-4028, Liz Ooten 644-1386. Dwight Robinson 227-3394

Suggestion of places that might be suitable:

Lakes		Prominent Geological Features
Minnetonka	White Bear	Lowry Hill
Cedar	Phalen	River and creek bluffs at various points
Calhoun	McCarron's	Flood plains
Harriet		River terraces
Nokomis		Caves
Rivers		
Mississippi	Rum	Confluence of Minnesota and Mississippi rivers
Minnesota	creek	
St. Croix		
Creeks	Falls	
Minnehaha	Minnehaha	Anoka Sand plain
Bassett's	St. Anthony	Swampy, marshy areas
		Floods
		Moraines
		etc. etc.



Lecture Scheduling Is Changed

Please note that the lecture dates for next year do not always follow the 2nd - 4th Monday sequence of previous years. It does follow an alternating Monday schedule, however, even though some lectures will be held on the first and third Mondays of the month.

WELCOME

New Members

Truman C Anderson
715 West 31st Street
Mpls. 55408

Susan Wiseniewski
2113 29th Av. S.
Mpls. 55406



Fair Booth Wins Award Again

For the second consecutive year GSM's booth at State Fair has won an award. Congratulations to Liz Ooten, Exhibits Chair and designer of an interesting and unusual display, entitled, the Geology of a Car

Liz wants to thank her helpers, namely: Clarence Ooten, Dick Selander, Marjorie McGladrey, Dick Uthe, Bob Handschin, and Alex Lowe.

Thirty-four members helped meet the public at the Society's booth, including a number of new members, even one or two not yet members and some older ones for whom it was a new experience.

As usual, lots of people stop to see and talk, some with interesting stories as well as questions about geology.

Those helping were: Truman Anderson*, Grace Benz(2), Edward Burckhardt*, Irene Carlson, Les Collins, Bob Dorenfeld (not yet a member), Loren Eskelson, Fern Belle Frost, Henry Gangl, Ray Gilles(2), Bob Gunville, Bob Handschin, Sr. Joan Kain, Mary Kimball(2), Pat Leacock, Dorothy Longfellow, Alex Lowe, Marlys Lowe, Allan Lundgren, Cec Mac Donald, Marjorie McGladrey, Warren* and Janet Mitchell*, Conrad Nelson, Ralph Novotny, Liz Ooten, Sue Otto*, Dwight Robinson, Eva Selander, Ethel Shimek, Mike Solveson, Dick Uthe, and Susan Wisniewski*. (* new members) Dale and Wilma Johnson

Those who have been manning our booth over the years know that it's not only an interesting job, but also that many of our members first learned about G.S.M. from our exhibit and meeting the members there.

Field Trip Reminder

The last field trip this summer will be held Saturday, September 10, at the Science Museum of Minnesota in St. Paul. Bruce Erickson, Director of the Paleontology Section, will give us a tour of the fossil collections. He will also talk about the Museum's work in paleontology and will review its current projects both in the laboratory and in the field. We will meet at 10 A.M. Lunch and the Omnitheater presentation will complete the day's activities for those wishing to stay.

The group will meet in the east side of the building, where Tricerotops is standing.

* * * * *

Address Changes

Mr. & Mrs. George H. Johnson
5146 197th Av. N.E.
Wyoming 55092 434-4000

Sophie Wojtyasiak
3137 Aldrich Av. S.
Minneapolis 55408

James L. Glycer
3425 Winnetka Av. N.
Crystal 55427

Patrick L. Leacock
5808 Portland Ave
Mpls. 55417

Dr. Matt Walton
Minnesota Geological Survey
2642 University Ave. S.E.
St. Paul, 55114

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GEOLOGICAL SOCIETY OF MINNESOTA 133 Physics Building, U of M

PUBLIC LECTURES 1983 - 84

7:30 PM, Monday Evening



September 26 ANNUAL MEETING 7:00 PM Smorgasbord Dinner 5:30-6:45
Viking Village, 27th and Lake Street, Minneapolis

Earth Geology: Chemical Foundations

Dr. Calvin Alexander & Dr. George Shaw, Dept. of Geology/Geophysics, U of M

October 10 VOYAGER I AND II: NEW DISCOVERIES -- THE CHEMICAL COMPOSITION OF
THE OUTER SOLAR SYSTEM, Dr. Alexander

October 24 EARTH'S CHEMICAL EVOLUTION: PAST, PRESENT, FUTURE, Dr. Shaw

November 7 IN THE BEGINNING -- SYNTHESIS OF THE CHEMICAL ELEMENTS, Dr. Alexander

Elements Into Minerals

Dr. Henry Lepp, Dept. of Geology, Macalester College

November 21 CHEMISTRY OF MINERALS

December 5 MINERALS AS ENVIRONMENTAL INDICATORS

Minerals Into Rocks

Dr. Paul Weiblen, Dr. James Stout, Dr. Christopher Paola, Dept. of Geology/geophysics,
U of M

January 9 IGNEOUS ACTIVITY AND EVOLUTION OF EARTH'S CRUST, Dr. Weiblen

January 23 METAMORPHIC PROCESSES -- ADJUSTMENTS ROCKS MAKE TO DESTABILIZING
CONDITIONS, Dr. Stout

February 6 SEDIMENTARY PROCESSES AND ENVIRONMENTS, Dr. Paola

***February 13 Laboratory, Dr. Gerald Webers, Macalester College: FOSSIL I.D. I

February 20 FORMATION OF THE SEDIMENTARY RECORD, Dr. Paola

***February 20 Laboratory, Dr. Gerald Webers, Macalester College: FOSSIL I.D. II

Earth's Mineral Resources

Dr. Sam Sawkins, Dept. of Geology/Geophysics, U of M

March 5 IRON: AN ABUNDANT ELEMENT -- GEOLOGY AND RESOURCES

***March 12 Laboratory, Dr. Webers: MINERAL I.D. I

March 19 COPPER: A LESS ABUNDANT ELEMENT -- GEOLOGY AND RESOURCES

***March 26 Laboratory, Dr. Webers: MINERAL I.D. II

April 2 GOLD: A PRECIOUS ELEMENT -- GEOLOGY AND RESOURCES

April 23 SPRING BANQUET: Time/place -- To be announced

***All laboratories will be held at Rice Hall, Macalester College

THE GEOLOGICAL SOCIETY OF MINNESOTA MEMBERSHIP YEAR begins October 1, with yearly dues payable any time beginning with the Fall Annual Meeting. Membership includes subscription to the organization newsletter covering the Society's activities. We invite you to participate.

Membership Chairperson

Marjorie McGladrey (612) 461-2676

Etka, MN 55020

8351 278th St.E.

Official Address

Mary Kimball (612) 644-6429
1711 Marshall Avenue
St. Paul, MN 55104

Memberships:

REGULAR	OTHER
Husband/Wife \$ 15.00	Sustaining \$ 25.00
Single \$ 10.00	Supporting \$ 50.00
Student, full time \$ 3.00	Guarantor \$100.00
*ASSOCIATE	
Husband/Wife \$ 10.00	
Single \$ 7.00	

*Associate membership is made available to those who due to health, location or financial status are unable to participate fully or sustain a regular membership.