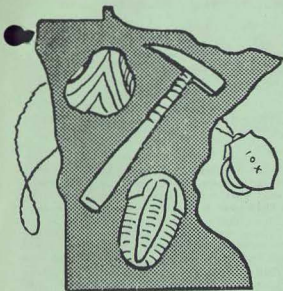


A U T U M N - - 1 9 8 7



Geological Society
of Minnesota

NEWS

Geological Society of Minnesota



MINNEAPOLIS, MINNESOTA

FIRST CLASS

EDITORS:

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

P L E A S E F O R W A R D



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

LOOKING AHEAD...

NEWSLETTER: August, September, October 1987

As we near the close of this year's "field trip season" and activities related to our State Fair booth we look forward to another big year. At our recent board meeting we discussed our successes and ways to improve the exhibit for next year's fairgoers. Over 930 visitors requested this newsletter. We sincerely hope that this year's program will attract many of you to attend and become members with us.

We now look forward to the GSM lectures and labs conducted by authorities in their field. A listing of the lectures and labs are provided with this newsletter. Another event which is almost upon us is the GSM Annual Meeting. This is another opportunity for us to get acquainted better and also to elect the four directors required for the year ahead. Next year following our "lecture season" we'll gather again for our annual Spring Banquet. Be sure to mark this event on your calendar.

There will be an opportunity to participate in an episodic field trip through southern Wyoming and northeastern Utah (see page three for details).

Marian Marien and her committee have also developed do-it-yourself mini-tour brochures to be obtained at highway visitor centers. Look for them soon.

On the backside of the program for the coming year you will see other activities in which GSM members are engaged. I believe that we have put together an exciting program for the coming year, and that we will fill the lecture hall again. We are growing in our membership in many ways. A big round of applause for all of you who made last year's program a big success. See you at the annual meeting and lectures.

Warren Mitchell



* * * * *

ANNUAL MEETING

If it's the last Monday in September, it must be time for the annual meeting once again. Mark your calendars!

Date: September 28 Buffet: 6:00pm Meeting/Program: 7:30pm

Place: Old Country Buffet, 3000 White Bear Ave. (across from Maplewood Mall)

Cost: \$5.93 per person. If you need a ride, call Jan at 224-3242.

Three new Board members are to be elected for a two year term beginning 1-1-88 and ending 12-31-90. First term: Jan Mitchell, Walt Blowers, and Bruce Leiding. Second term: Goldie Johnson. Additional nominations may be made from the floor.

As an introduction to the coming lectures a slide presentation "Minnesota: The Land the Glaciers Built" will be shown.

We would like to express our deepest thanks to the departing board members who have given so tirelessly of their time and talents: Warren Mitchell, President 1986-87; Dwight Robinson, Treasurer 1986-87 and Jeff Garry 1985-87.

Keweenaw Peninsula Field Trip Coming Up... One more field trip is scheduled for this fall. During the weekend of October 3 and 4, Dr. Jim Miller, Geologist with the Minnesota Geological Survey, will be the leader. We will be looking at the Keweenaw basalt and conglomerates. Jeff Garry, trip coordinator, has sent out to those expressing an interest in this field trip information on time, meeting place, and accommodations in the Houghton-Hancock, Michigan area. For additional information, call Jeff (698-0232). A trip with Jim is always an interesting and fun one. This is one trip you will not want to miss.



* * * * *
STATE FAIR BOOTH A GREAT SUCCESS...The 27th edition of the GSM State Fair booth presented to the fair-goers an interesting and informative booth covering the geology of Minnesota. Many members participated in the planning, developing, and building the display which was titled "Explore Minnesota, Discover the Forces that Shaped Our State." The booth was attractively decorated with a bedrock map of Minnesota, a map of mini-tours, and many enlarged photographs taken on field trips through Glacier Park, Spring Valley, Boundary Waters Canoe Area, and the North Shore of Lake Superior. A good selection of books available through the Minnesota Geological Survey was also displayed.

Many thanks to Eva Selander, Chairperson of the Exhibits Committee, and her committee of Dick Selander, Jeff Garry, Bob Handschin, Liz Oten and Warren and Jan Mitchell for their work.

Dwight Robinson did an outstanding job on the 1987-88 program of public lectures and labs. As always, there were questions about oil and gold in Minnesota. A great deal of fun was had by all those who served at the booth as they gave out programs and invited all to attend our public lectures.

* * * * *
TIME TO RENEW YOUR MEMBERSHIP...Our membership year begins October 1, and we need to receive dues early in the program year to meet expenses for our lecturers, program printing, rosters, newsletters and other activities. Our dues are a BIG BARGAIN considering the dozen lectures, lab sessions, workshops, and field trips (which are for members only).

MEMBERSHIP
Oct. 1987-
Sept. 1988

An opportunity will be given for you to renew your membership at the annual meeting September 28. Others will want to become members early in the fall so that we can avoid spending time and money on reminders later.

As we head into our 50th Year, remember its your membership support that keeps the Society going!! Thanks for early action.

Bob Handschin, Membership Chairman

(Regular dues are \$10 - single; \$15 - couples; \$3 - student/full time; Associate dues - \$7 and \$10 for those unable to attend lecturers. See also back side of printed program.)

For those of you who will be coming to GSM meetings for the first time to take part in what will be a very exciting series entitled



"MINNESOTA: OUR PIECE OF THE ROCK THROUGH 4.5 BILLION YEARS"

should allow some extra time to park and walk from a parking area if you are driving. The University parking is best and cheapest in the north lots on 4th Street S.E., north of University Avenue. Other parking is available under Northrup Auditorium, Coffman Union, and Mayo Auditorium, and on River Road East. Parking next to the new University Radisson Hotel on Washington Avenue is expensive. Bus service is available on Washington Avenue.

* * * * *

TOURS TO ICELAND, WORLD'S GREAT CONTINENTAL DRIFT THEATRE... Seafloor spreading's alive and well and, thank goodness, above sea level--in the neovolcanic zone of Iceland. You'll have a chance to see it for yourself, with the help of Dr. Barbara Gudmundson and University Travel, on one of 3 tours (June 18-25, July 9-23, July 30-Aug 6 or 7) she will conduct there next summer. The 2 adventure tours are best for the geology buffs: the 8-day tour is from June 18-25, and features the Midnight Sun and a near pass to the Arctic Circle; the 15-day tour takes us completely around the country (half the area of MN), close to the Arctic Circle, with more time to see and photograph the exotic geological formations. She can't promise volcanic fireworks, so excellent volcano films may have to do! A folk art tour will leave here on July 30 for 8 scheduled days, then an optional extension for travel on your own in Iceland or to other countries.

Barbara is a past president of GSM and 1986 Fulbright Senior Research Scientist at the U of Iceland; she has done extensive field work in Iceland. She will be showing films and giving community education classes on Iceland's nature and culture in September and October: September 8, 12, 28 and October 5* and 14*. Call her at 722-9132, or at 885-5633 (afternoon) for tour & lecture information. Brochures available later on at GSM lectures.

THOMAS CARLYLE ON ICELAND: A wild gleaming beauty in summertime...like the waste chaotic battlefield of Frost and Fire.

*Phoned pre-registration required, September 7-17. For October 5 class, call 293-8788. For October 14 class, call 293-8811. Minimum 10 per class.

* * * * *

ADVANCE NOTICE -- FIELD TRIP FOR AUGUST - 1988

The GSM will offer, as one of its summer, 1988, field trips, a two-week excursion to southern Wyoming and northeastern Utah. The trip will examine the rocks, structures, geologic history, and landforms of the Southern Rocky Mountain Province (Medicine Bow Mountains), the Central Rocky Mountain Province (Uinta Mountains/Dinosaur National Monument/ Flaming Gorge National Recreation Area), and the Wyoming Overthrust Belt (including Fossil Butte National Monument). The trip will be episodic, in that members may enter or leave the field trip whenever they wish; thus, a commitment for two full weeks is not required.

Transportation is by private automobile. Participants may either camp or stay in motels. We will remain in selected areas for two to four days each, then move on. An optional pre-trip meeting will be held sometime next spring for interested members. A complete itinerary will be available soon.

The dates for the field trip are Saturday, July 30, 1988 through Sunday, August 14, 1988. The trip itself will begin on Monday, August 1, near Laramie in southeastern Wyoming and end on Thursday, August 11, near Kemmerer in southwestern Wyoming. Field trip leaders will be GSM members Mary Kimball and Dick Uthe.

Come join us for Precambrian continental collisions, vast western vistas, dinosaur bones, oil shale, fish fossils, folding and faulting of rocks during the building of the Rocky Mountains, spectacular canyons, and a diverse geologic history spanning almost three billion years.