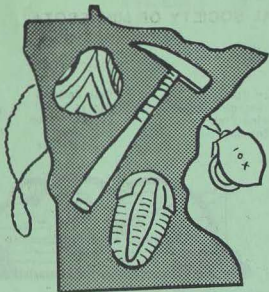


JUN, JUL, AUG 83

Summer: 1983



NEWS

Geological Society of Minnesota

MINNEAPOLIS, MINNESOTA



FIRST CLASS



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THE PRESIDENT'S MESSAGE

Welcome to another summer and fall season of activities sponsored by the Geological Society of Minnesota! Our summer field trip program is in full swing. We got the season off to a rousing start with a two-day field trip in early June; Charlie Matsch of the University of Minnesota - Duluth led us on a trip to southern and southwestern Minnesota to a time when glaciers moved out of Canada and covered Minnesota time and time again, where melting ice created wide, swiftly-flowing rivers and carved large valleys like the Minnesota River valley, and where huge glacial lakes were ponded and occasionally overspilled their barriers. Remnants of these times were all around us and Charlie helped us find and interpret the clues, fitting together the grand story of the recent geologic history of Minnesota. Our pot-luck supper at the park near Granite Falls was all the more successful as Charlie started telling of his experiences overseas, interspersed with innumerable jokes.

The second trip this summer is a two-day jaunt in late June to the Baraboo area of Wisconsin, where Peter Hudleston of the U of M will guide us on a discussion of the forces which shaped mountains there during the early (Precambrian) history of North America, more than 600 million years ago; the mountains have been eroded away mostly now, but the rock structures and orientations created by that violent activity are preserved in the rocks for us to see and marvel at. Later this summer will be a one-day trip to examine the recent glacial history of the Twin Cities area (including the origin of St. Anthony Falls, Anoka sand plains, and glacial ridges just south of the cities). Our field trip season will conclude with a tour of the Science Museum (including its research laboratories) by Bruce Erickson, Director of the Museum. He will describe some of the investigations the Museum staff are doing concerning ancient reptiles of the northern plains. An optional Omnimax presentation will follow on that day. If you're interested in going on one of these trips, contact Bob Gunville at 574-1421. If you've never gone on one of our trips, give it a try. It's a great way to meet people, have some fun, do something different, and learn a little about how Minnesota came to be in an informal, relaxed setting.

cont →

NEWS~UPDATE

Dr. Webers' lab sessions on rock identification were excellent. Non attendees don't know what they missed.

The spring banquet at Duff's was well attended. Every one was well pleased with the smorgasbord, both as to quality and quantity.

Professor George Shaw's talk on energy as related to public policy gave us some insights into the workings of the bureaucracy.

A goodly number attended the picnic and autograph party at Minnehaha Park on June 3. The authors, Dic and Charlie probably got writers' cramps, although they were good natured about it.

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PRESIDENT'S MESSAGE con 't

Starting on Monday, 10 October, 1983, our fall lecture series begins at 7:30 P.M. in the Physics Building on the U of M campus (room TBA). The general theme for this year's twelve lectures (usually on alternate Monday evenings) is the chemical and mineral make-up of the earth, how it got that way, what the processes are that form the various types of rocks that we see all around us, and an introduction to the origin and occurrence of several mineral resources (like northern Minnesota's iron ores, and also copper and gold ores). Calvin Alexander (U of M) will lead us off. Other lecturers include George Shaw (U of M), Henry Lepp (Macalister), Paul Weiblen (U of M), Jim Stout (U of M), Chris Paola (U of M), and Sam Sawkins (U of M). This year's program should be printed by mid-August and will be available at our booth at the State Fair, as well as at the GSM Annual Meeting on Monday evening, 26 September, 1983 (location and time TBA).

I'm looking forward to the rest of an exciting GSM summer and fall season. Won't you join me?

Dick Tillis

Looking Ahead

Minnesota State Fair

Beginning August 25th, our booth in the Education Building will need three volunteers each day for 12 days. The stint at the booth is interesting and provides an opportunity to see the Fair as well.

Exhibiting at the Fair is our main Publicity activity. It gives us a chance to acquaint a lot of people with our programs in geology. Many of you have learned about GSM at the Fair, and many can do their bit this way. To volunteer, Call Alex Lowe 451 8853. or Bob Handschin 774-1431

Next ...

Sept. 26 Annual Meeting includes elections of board members and review of field trips and preview of lectures.

Oct. 10 Lectures begin and continue throughout the fall and winter, 12 lectures in all.

CHECK YOUR CALENDAR

FIELD TRIP REMINDER

The following field trips are upcoming.

Baraboo, Wis. -- June 25 and 26, by car with Dr. Peter Huddleston

Twin Cities area land forms -- Mid to late summer with Barry Goldstein

Seminar on paleontological studies at Minnesota Science Museum Sept. 10

