

Geological Society
of Minnesota

Aug 27, 71

NEWS



Geological Society of Minnesota

Robert V. Leacock, Editor
1235 Brighton Square
New Brighton, Minn. 55112



RETURN REQUESTED

TIME VALUE

CARLSON, DR. & MRS. BERT
3034-46th Ave. So.
Minneapolis, 55406 (724-1486)

The GEOLOGICAL SOCIETY OF MINNESOTA is an amateur group that accepts Geology as an absorbing hobby. We solicit and welcome the help and direction of membership from professional ranks, but by and large our approach to the subject is that of the layman. Most of us are not true rockhounds, although we do collect minerals, rocks and fossils. Our main purpose is to promote interest in the study of Geology of the state of Minnesota.

OFFICERS

PRESIDENT	Sam Mayo Box 270, Route 6 Excelsior, Minn. 55331	474-4038
VICE PRESIDENT	Dr. Valentine O'Malley 942 Lowry Medical Arts Bldg. St. Paul, Minn. 55102	222-4421
SECRETARY	Dr. Bert Carlson 3034-46th Ave. So. Minneapolis, Minn. 55406	724-1486
TREASURER	Mrs. Don Tepel 1269 So. Cleveland Ave. St. Paul, Minn. 55116	699-1793
DIRECTORS	Elmer Brown 5225 Zenith Ave. So. Minneapolis, Minn. 55410	922-2438
	Michael Vaclavek 3904 Joppa Ave. Minneapolis, Minn. 55416	926-0185
	Robert Leacock 1235 Brighton Square New Brighton, Minn. 55112	636-2473

* * * * *

MEMBERSHIP

TYPE OF MEMBERSHIP:

ADULT	\$ 7.00
HUSBUND & WIFE	\$10.00
STUDENT	\$ 2.00

MEMBERSHIP CHAIRMAN:

Miss Martha Peterson
3527 Pleasant Ave.
Minneapolis, Minn. 55408
Phone: 825-1147

TABLET INSCRIPTION #16

Geology of Minnesota

.....
.....

The diversified scenery of Minnesota - of which the Rochester area is one phase - is due to the location of the state in the approximate center of the continent. Situated midway between the Atlantic and Pacific oceans, Hudson Bay and the Gulf of Mexico, the state has within its boundaries three principal divides in the watersheds of North America. Minnesota lacks the rugged topography and high elevations found in most continental divides. Its highest elevation 2300 feet on the Mesabi Range is in close proximity to its lowest, the surface of Lake Superior, 602 feet above the sea.

The central surface of the state slopes from the North-Central portion near Itasca Park in four directions toward its distant and opposite corners.

The 10,000 lakes of Minnesota cover 5,800 square miles, an average of 1 square mile of water for every 15 of land. This unprecedented supply of water which has a surface exceeding the water area of any other state, finds its way to the ocean through Hudson Bay, the Great Lakes and the Gulf of Mexico.

#####

TABLET INSCRIPTION #17

Geology of Minnesota

.....
.....

The bold and picturesque bluffs of the Whitewater Valley from the Jordan Sandstone below to the massive Onega Dolomite at the top, represent deposition during a hundred million years. Much of the erosion of these marine sedimentary rocks occurred later during the great ice ages caused by meltwater from the glaciers descending rapidly from the highlands into the flooded valley of the Mississippi River.

During the glacial highwater stages in the Mississippi Valley, the velocity of the water in the Whitewater valley was retarded. In consequence the sediments brought to the Whitewater River by its tributaries could not be carried any farther and were deposited on the valley floor.

Later, as the water level in the Mississippi Valley was lowered, the Whitewater River gained velocity and eroded downward into the accumulated sediments to the level of its present channel, leaving high on the valley walls alluvial terraces of sand and gravel to mark its elevation when the Whitewater river stood at a higher level.

#####

N O M I N A T I O N S

FOR BOARD OF DIRECTORS

- Dr. Harold E. Harbo
- Dr. Valentine O'Malley
- Martha M. Peterson
- Loraine Stone
- Ethel Swanson
- Paul J. Vogt

Elections will be held at the Annual Meeting, Monday, September 27th and the new Board will take office Jan. 1st.

--Theodore Isakson
Chairman
Nominating Committee

NEXT SCHEDULED BOARD OF DIRECTORS MEETING:

TUESDAY, SEPTEMBER 14th

WELCOME NEW MEMBERS:

- Betty M. Allison
1299 Grand Ave. Apt. 301
St. Paul, Minn. 55105 (690-4016)
- Mr. & Mrs. Earl Fore
4356 - 30th Ave. So.
Minneapolis, 55406 (722-5650)
- Mr. & Mrs. Clarence Gossler
3055 Cleveland N.E.
Minneapolis, 55418 (789-5802)

CHANGE OF ADDRESS:

- Mr. & Mrs. Sam Mayo
19610 Excelsior Blvd.
Deephaven
Excelsior, Minn. 55331
- Deane A Millman
10109 Concord Ave.
Sun City, Arizona 85351
- Carol B. Van Why
2392 Carpenter Ave. Apt. 5
St. Paul, 55113



Let's get acquainted!

A NEW ADDITION TO OUR GSM
YEAR WILL BE THE

ANNUAL DINNER MEETING

MONDAY, SEPTEMBER 27th

7:00 p.m.

VIKING VILLAGE
27th & LAKE ST.
MINNEAPOLIS

A PROGRAM is being planned which will include the election of officers, a review of this year's Field Trips by Richard Bartels, slides taken on these trips and a preview of the coming year's events.

THIS PROMISES to be a very enjoyable & worthwhile evening. DON'T MISS IT!

#

Meetings AND SHOWS

THE GEOLOGICAL SOCIETY OF MINNESOTA will be represented at both the

MINNESOTA STATE
FAIR

AUGUST 28th THRU SEPTEMBER 5th
and at the

BLOOMINGTON GEM AND MINERAL
SHOW

SEPTEMBER 18th and SEPTEMBER 19th
SOUTHDALE GARDEN COURT

MARTHA PETERSON is in charge of the arrangements at the Fair Booth and is in need of helpers for Sat. Sept. 4th and for Labor Day. Please call her at: 825-1147 if you can be of assistance.

What's New—

We are happy to announce that:

Mr. and Mrs. Robert Gunville
will be the new Editors
of the Newsletter.

Please direct any news items or change
of addresses to them at:

1110 Gardena Ave.
Fridley, Minn. 55421
(788-1421)

IMPORTANT

COLLECTION FOR SALE

THE ROCK AND MINERAL COLLECTION OF THE
LATE GEORGE A. RICKERT WILL BE ON SALE:

WHEN: Saturday, September 25
Sunday, September 26

TIME: 1:00 - 6:00 p.m. (both days)

PLACE: The Home of Jim Florintino

5630 Woodstock Ave.
Golden Valley

PHONE: 545-8645

DIRECTIONS:

Take Hwy 100 and go West on Hwy 55
1 block, turn left onto service
road and go either right or left to
Woodstock Ave.

DESCRIPTION: This collection consists of
rocks, minerals, crystals, fossils,
agates, and other Geology specimens
(priced as marked)

MONEY from this sale will go to the Geological Society of Minnesota and also to the Minnesota Mineral Club.

GEORGE A RICKERT was President of the Geological Society of Minnesota for two years 1961 and 1962. He was noted for being a conservationist and educator.

FIELD TRIP # 4

SEPTEMBER - OCTOBER - 1971

SATURDAY, SEPTEMBER 11th and

SUNDAY, SEPTEMBER 12th.

PLACE: BARABOO, WISCONSIN

Crossroads of Hwys 33 & 12 - West Baraboo
SEE MAP

DEPARTURE TIME: 9:00 A.M.

COST: \$4.00 for the 2 day trip per adult

PRIMARY AREAS OF INVESTIGATION:

This trip will concentrate on interpretation of sedimentary environments of Cambro-Ordovician sediments and a preview of field work in metamorphic terrains. It will be a most satisfying and productive field trip.

A camp site has already been selected for those wishing to camp. Those who will need to make reservations for Motel accommodations are asked to do this on their own.

Below are listed two AAA recommended Motels in Baraboo, Wisconsin.

--SPINNING WHEEL MOTEL - (608) 356-3933
On SR 33 at 809-8th St.; 2 mi East of
US 12; \$16/ two persons.

--DOUGLASS HIGHLANDER MOTEL-(608)356-4410
2½ mi. South West on US 12; \$16/two
persons.

WEAR SUITABLE CLOTHING and footgear for
chilly or rainy weather. We will go rain
or shine!

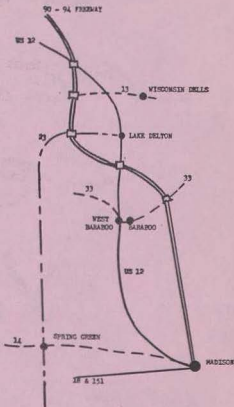
FIELD TRIP ASSISTANT: Paul Vogt
(920-3339)

For those wishing to spend a few extra days
in the Baraboo area we have listed additional
places of interest:

CIRCUS WORLD MUSEUM - 3/4 mile S.E. on
State 113 at 426 Water St. recreates the
history of the circus.

PARPRET'S GLEN - 8 mi S.E. on State 11 is
a deeply recessed wooded canyon reserved for
botanical research.

DEVIL'S LAKE STATE PARK - 3 mi. So. of
Baraboo on State 123. Devil's Lake, spring
fed and having no visible outlet, is enclosed
on three sides by the quartzite cliffs of the
Baraboo Range.



THE HOUSE ON THE ROCK - 7 mi So. of Spring
Green on State 23 (see map) is a multi-
level home standing atop a chimneylike rock.

BIBLICAL GARDENS - Highway 12 between
Wisconsin Dells and Lake Delton - is a
meaningful work of art and nature in
scenes of masterfully sculptured figures.

— EXTRA —

Richard Bartels will conclude FIELD TRIP
#3 on Sunday, September 19th, 2:00 - 5:00
at the Twin City Brickyards, 790 Joy Ave.
St. Paul, Minn. SEE YOU THERE!

LET'S

HEAR

FROM

YOU

WE NEED

NEWS!