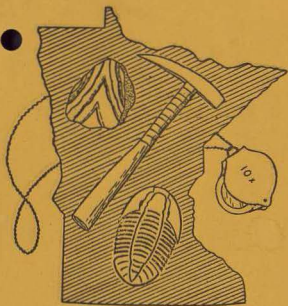


July - Aug - Sept 1975



Geological Society  
of Minnesota

# NEWS



*Geological Society of Minnesota*

FIRST CLASS

Marcia Gunville, editor  
1110 Gardena Ave.  
Fridley, Minn. 55432

RETURN REQUESTED

OFFICERS

PRESIDENT	Dr. Alex Lowe	2206 Caroline Lane, So. St. Paul	451-2822
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	Irene Carlson	8036 60th St. No., Stillwater	777-5779
	Robert Guvville	1110 Gardens Ave., Fridley	574-1421
	Sr. Jean Kain	1035 Summit Ave., St. Paul	225-3000
	John Podolinsky	10226 Mildred Terrace, Minnetonka	544-1457



NOMENCLATURE FOR DIFFICULT SPECIMENS

by Crystal Cleir, Rhd., From the Central Missouri Rock and Lapidary Club, via Rockwood Rockhound News and The Rockpile, Midwest Mineralogical and Lapidary Society of Dearborn, Michigan.

Most rockhounds, while basically collecting for the sheer pleasure of the experience, beauty and oddity of their findings and their polishing, share with Linnaeus the taxonomic urge to identify and classify their specimens. The available variety of colorfully illustrated books assists in this process but may fall short of describing the exact sub-species of the specimen at hand. To facilitate the Linnaean tendencies of the hobbyist, I am pleased to be able to share some rather sophisticated terminology recently unearthed from some place in the earliest postbellum era. Even the modest collector is likely to find them useful — if not indispensable.

Almostadite: refers to a specimen of which the major portion remains on public display in a remote quarry.

Cantuitespellite: resembles a specimen in the university collection with an even longer and more complex name.

Cantrememberite: one of the more common specimens typically from locations generally unknown in the present time.

Droppedite: a collection of cleavage fragments representing a high quality cabinet specimen formerly on display.

No-labelite: one of a class of minerals or fossils of relatively little value appearing in most private collections.

Oncehadite: used in reference to extremely unusual specimens traded before the true identity was realized.

Pseudohavethemite: while only in major museum collections these are readily recognized by even amateur rockhounds as similar to specimens in their own collections.

Pseudonameite: a term for an exceedingly large and controversial group of earth science specimens more often seen in other private collections but rarely in museum collections.

Waditohavete: a secondary form of evanescent specimens including marcasite, best recognized by the permanent brown ring where the specimen sat on the shelf.

NORTHWOODS AUDUBON CENTER FIELD TRIP IS OCT. 18-19



The final field trip this year is scheduled for Oct 18-19. It will be another fun and information packed weekend at the Northwoods Audubon Center near Sandstone. Mike Link, Director, and his wife again will host our group at the Center's facilities, and will furnish us with three meals and sleeping accommodations.

Water as a geologic force will be the main topic of the field trip. During the two days Mr. Link will lead us to various areas in Pine County which demonstrate this force. Saturday evening he will conduct a program which may include an astronomy study.



Transportation is by private automobile. Arrive at the Northwoods Audubon Center by 9:30 a.m. Bring a bag lunch for Saturday noon, and a sleeping bag or bedroll. Those wishing to sleep outside should bring tents, trailers, or campers.

Excellent meals will be provided for Saturday night, Sunday morning and Sunday noon, and are included in the \$15. cost of the weekend. Please pay your \$15. to Fred Bradford at the time of your arrival.

Those whose names are on the sign-up sheet will be contacted in advance by phone. If you are not on the list, or if you intend to go and do not hear from the committee, please call Fred Bradford (454-2611) as an accurate attendance count is needed.

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## Background

The work of the Geological Society of Minnesota is carried on through its various committees. This series of background articles is concluding with the following report.

MEMBERSHIP COMMITTEE by Bernice Tepel, Chairman

The function of the Membership Committee is to collect dues, prepare and distribute the roster, and to keep current records of addresses and telephone numbers. It also keeps attendance records of membership participation for the use of the Newsletter, Board members and other committees, and sends out information to possible new members.

The Membership Chairman would like to start receiving 1976 dues at the Annual Meeting, at the fall lectures, and/or by mail in order to have them paid by the Jan. 1 due date. This makes much easier the job of getting the roster published as soon as possible after Feb. 1. Please make checks payable to the Geological Society of Minnesota and bring or mail them to Mrs. Bernice Tepel, 1269 So. Cleveland Ave., St. Paul, MN.55116. Annual dues are: Individual, \$7. Husband and wife, \$10. Student, \$2. Please note any changes of address, phone, or occupation to help keep records current.

Members of the committee are Bernice Tepel, Chairman, Mary Kimball, and Myrtle Fore.

# People in the Spotlight

## DR. GERALD WEBERS' NAME AND INTEREST INVOLVED IN ANTARCTIC CONTINENT

Dr. Gerald Webers is not a man given to talking much about his own accomplishments. He has, however, referred to Antarctica many times during his various lecture series to the G.S.M. In conversation he often expresses a quiet appreciation for the mysteries locked up in the rocks of that continent, and leads his hearers to understand that he knows just a little bit about them.

A recent issue of Macalester Today, a publication of Macalester College, featured an article about Dr. Webers, who has been member of three expeditions to Antarctica studying the Ellsworth Mountains, the highest mountain chain on that continent. Because of his contributions to these expeditions, he has been honored by the naming of Webers peaks, a group of five small mountains in the Heritage (southern) Range of the Ellsworth chain. Also, he has been awarded an Antarctic Service Medal by the federal government for service in Antarctic explorations.

Jerry was a graduate student at the University of Minnesota when he made these trips during the years 1960-1965. They were organized under the direction of J. C. Craddock, University of Minnesota geology professor. It was a result of Dr. Craddock's recommendations to the United States Board of Geographic Names that Webers Peaks became a part of the Antarctic map.

The purpose of studying the Ellsworth Mountains was to determine their general history, and by discovering how they were formed to relate them to mountain chains on other continents, thus gathering evidence on continental drift. Geologists of many specialties were members of the study teams, paleontology being Jerry's particular area of expertise.

The expeditions found interesting fossil evidence supporting the theory that Antarctica was not always located in its present ice-bound global position. Semi-tropical plants had left fossilized leaves and tree trunks in the record there.

If he has his wish, Dr. Webers will be returning to do more detailed work on Antarctic paleontology. He feels that important discoveries will come out of a systematic investigation, and he would like to go back with a group of six to eight people to work on it. Toward this end, he has submitted a grant proposal to the National Science Foundation for study in this challenging area.

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Life is a grindstone, and whether it grinds a man down or polishes him up depends upon the stuff he is made of.

# Geological Society of Minnesota

1975 - 1976

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Dr. Pat Lewis . . . . . Vice President  
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Robert Leacock

### FIELD TRIPS:

Fred Bradford

### FINANCE:

John Snell

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### PROGRAM:

John Podolinsky

### PUBLIC INFORMATION:

Ethel Shimek

### PUBLIC SERVICES:

Sister Joan Kain

### SOCIAL ACTIVITIES:

Myrtle Fore



### OFFICIAL ADDRESS

Geological Society of Minn.  
1711 Marshall Avenue  
St. Paul MN 55104  
Phone 644-6429

### MEMBERSHIP CHAIRPERSON

Mrs. Bernice Tepel  
1269 South Cleveland Avenue  
St. Paul MN 55116  
Phone 699-1793

### MEMBERSHIPS:

Adults ..... \$ 7.00  
Husband and Wife ..... \$10.00  
Students ..... \$ 2.00

1975 - 1976  
CALENDAR OF EVENTS

- September 29 Annual Meeting  
7:00 PM - Viking Village, 27th & Lake, Mpls.
- "WAS THE CHEMICAL NATURE OF PRESENT LIVING THINGS DETERMINED BY GEOLOGICAL PROCESSES?"
- October 13 The History Of Ideas On The Origin Of Life  
Professor Sam Kirkwood, University of Minn.
- October 27 The Oparin Theory, The Most Recent And  
Successful Scientific Theory Of The Origin  
Of Life  
Professor Sam Kirkwood, University of Minn.
- November 10 The Atmosphere Of The Early Earth. Was It  
Oxidizing Or Reducing?  
Professor Sam Kirkwood, University of Minn.
- November 24 Chemical Evolution, A New Major Extension  
Of Darwin's Theory  
Professor Sam Kirkwood, University of Minn.
- December 8 Modern Biochemistry Viewed In Terms Of The  
Geological Changes That Brought It About.  
Professor Sam Kirkwood, University of Minn.
- "ARE SOLID ROCKS THAT SOLID?"
- January 12 Rocks Do Bend, Spindle, Mutilate  
Professor Paul Farnham, College of St. Thomas
- January 26 Rocks In The Time Machine  
Professor Paul Farnham, College of St. Thomas
- "HAS THE EARTH ALWAYS BEEN THIS WAY?"
- February 9 The Earth And Time - The Original Senior Citizen  
Professor Jack Brownstein, College of St. Thomas
- February 23 Geologic Change And Drifting Continents - Past,  
Present, Future  
Professor Jack Brownstein, College of St. Thomas
- March 8 The Continent's Message - Shape, Magnetism,  
Climate, Structure  
Professor Jack Brownstein, College of St. Thomas
- March 22 What Do The Fossils Say About Drifting Continents?  
Paleontologist Bruce Erickson, St. Paul Science  
Museum
- April 12 Plate Tectonics - The Geologist's Delectable Dish  
Professor Jack Brownstein, College of St. Thomas
- April 26 Spring Banquet

Laboratory sessions and summer field trips will be announced as they are scheduled.

M A R G O R P