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the

GLACIAL

DRIFTER

THE GLACIAL DRIFTER is the Official publication of the Grand Rapids Mineral Society. Mailing address is: 1355 Hollywood N. E. Grand Rapids 5, Michigan

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The Grand Rapids Mineral Society is a Non-Profit Corporation affiliated with the Midwest Federation and the American Federation of Mineral Societies.

Meetings are held the 2nd Wednesday of each month at 8:00 p.m. at Riverside Elementary School, unless otherwise stated.

Advertising in the DRIFTER is at the rate of \$3.00 per issue.

All material to be published must be in the hands of the editor no later than the 25th of the month preceding publication.

Permission to reprint material appearing in the DRIFTER is hereby granted provided proper credit is given.

JULY MEETING TO BE AT CAMP O'MALLEY

Our regular meeting will be held on Saturday, July 15th, from 3:00 to 8:30 in the Recreation Hall at Camp O'Malley. This meeting has been designated as Dealers' Night by the Board of Control. Members of our society who are dealers will have for your inspection and purchase samples of their wares.

Bring a picnic supper and some spending money and join your fellow members in an enjoyable afternoon and evening talking about and looking at rocks.

Camp O'Malley is reached by taking US16 to the Whitneyville Road, Whitneyville Road, south, over the railroad tracks. There is a sign on the right side of the road pointing to Camp O'Malley. Take this road into the camp.

ROCKHUNTING IN CANADA JUNE PROGRAM

We are indebted to Mr & Mrs Fred Gasche and their son Rod of Lansing for a very interesting and informative program on the Bancroft area of Canada. Mr. Gasche had a number of maps with keys which were quickly purchased by our avid rock hunters. We have had word from Mr. Gasche that those of you who gave him money for a map and key will not be disappointed, but that he will not be able to send your copy until after the middle of July as the secretary of their club is away on vacation and has his house locked up tight. Please be patient and you will have your material shortly after you receive this DRIFTER.

OLD FASHIONED PICNIC PLANNED FOR AUGUST

The regular meeting for August will be held on Saturday, August 19th at Long Lake near Sparta. Dr. Rose has reserved area "C" on the west side of the lake for our group. In order to make things easier for the Chairmen, Mr. & Mrs. Henry Tchozeski, we are asking that you send in your reservation as early as possible. No later than August 15th, please. The club will furnish coffee, pop, and ice-cream. There will be games for everyone and prizes. Please send in the reservation blank below stating how many adults and how many children will be in your party.

Mr. & Mrs. Henry Tchozeski
2941 Edgewood N. E.
Grand Rapids 5, Michigan

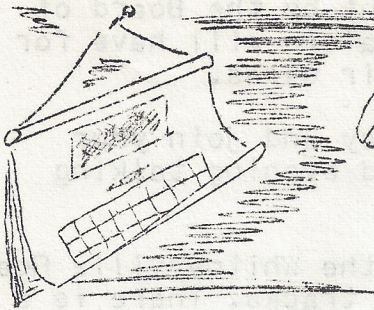
Yes, we will be attending the August Picnic Meeting. Please make our reservations

Adults _____

Children _____

(signed) _____

(Phone no.) _____



CALENDAR of EVENTS

- JULY 8 - Saturday - Field Trip to Sylvania, Ohio for fossils. Dr. Rose and Joe Hanna, Leaders. Meet in Sylvania, at Brint and Centennial Rds. at 10:00 a.m. Please make reservations with either of the leaders.
- JULY 15 - Saturday - 3:00 p.m. to 8:30 p.m. Regular Monthly Meeting at Camp O'Malley. DEALERS' NIGHT. Bring your picnic supper and plenty of money.
- JULY 17 - Monday at 8:00 p.m. Board of Control Meeting at the Home of Dr. Rose, 3244 Springbrook Dr. Comstock Park.
- JULY 22 - Saturday - Field Trip to Grand Ledge. Announcement of details of time and place of meeting will be made at July meeting, or call Bob Rozema, or Dr. Rose.
- AUGUST 5 Saturday - Field Trip to Alabaster, Michigan. Details at July meeting, or call Dr. Rose.
- AUGUST 19 Saturday - Regular Monthly meeting. Old Fashion Picnic at Long Lake near Sparta. Make your advance reservations by mailing the blank in this issue of the DRIFTER to Henry Tchozeski, 2941 Edgewood N. E.
- SEPTEMBER Field Trips to Pugh Quarry and Clay Center. Details in next DRIFTER.
- OCTOBER 7-8 Field Trip to Terre Haute; Brown County, Indiana and the ROCKRAMA at Indianapolis, Indiana.

Adults _____

Children _____

(Signed) _____

(one no.) _____

NARRATIVE JOURNAL OF TRAVELS

"Extending from Detroit through the great chain of American Lakes to the sources of the Mississippi River, in the year 1820"

Written by Henry Rowe Schoolcraft, edited by Mentor L. Williams.
(Michigan State College Press 1953)

Taken from the section "Sault Ste. Marie to the Ontonagon River".

June 26th(1820)(After portaging the canoes beyond Portage Lake.)

"The forenoon of this day was occupied in carrying the remainder of the baggage and canoes across the portage. In the afternoon a head wind prevented our embarkation. While we were sitting upon the bank of clean pebbles upon the shore, at dinner, and admiring the variety of of beautiful water-worn pebbles, I picked up a fragment of beautiful carnelian, and this gave the hint for making a search, in which a great number were afterwards found by different individuals of the party. I also discovered, while loitering along the shore, a mass of native copper, of nearly two pounds weight, attached to a water worn mass of serpentine rock and a number of smaller pieces. Indeed grains of copper disseminated through pebbles of serpentine rock are very common at this place, but this metal has not been boserved in association with any other species of rock. Radiated zeolite, crystallized quartz, chalcedony, prase, Jasper, opal, agate and sardonyx, are also among the minerals picked up along this part of the shore. Of the specimens of carnelian, I procured several imbedded in rolled pebbles of amygdaloid, and in one instance, observed this mineral imbedded in a large detached mass of hornblende rock. All the rock along this shore, however, which was noticed, in situ, is either a red, grey or variegated sandstone, which appears to be referable to one formation, colour being the only character in which any difference could be perceived. The very interesting character of the mineralogy at this place arrested the attention of several of our party who had before felt no interest in this study, and from the spirit of imitation, several of the soldiers and voyageurs also turned collectors of specimens. But a greater novelty ensued, the Indians attached to the expedition, on being shown the substances we were anxious to procure, also undertook the search, and with such good success, that I am indebted to them for some of the finest specimens I have from that locality. This is not the first attention they had manifested to the subject, for, on a former occasion they assisted me in chizzeling organic relics from the rock, and seemed to take a delight in being serviceable in that way, although unable to comprehend the object of these collections, It was impossible to find corresponding words in their language to signify the benefit to be derived from geological studies, although they were anxious to be informed, and made repeated enquiries. There is a general impression among the Indians that we possess the skill of turning all minerals either into money or medicine. My attention to this subject had struck them upon the third or fourth, day after our departure from Detroit, when they bestowed upon me a name, at least characteristic of my situation in the expedition.28

Footnote 28 - "Paw-gwa-be-can-e-ga". The destroyer of rocks, or he who employs himself among the rocks. It may be considered as synonymous with the word "Mineralogist". H.R.S.

The Grand Rapids Mineral Society
1555 Hollywood N.E.
Grand Rapids 5, Mich.
Return Postage Guaranteed



Taken from the section "Sault Ste. Marie to the Ontonagon River".

June 28th (1950) (After portaging the canoe beyond Portage Lake.)

The forenoon of this day was occupied in carrying the remainder of the baggage and canoe across the portage. In the afternoon a head wind prevailed and our progress was slow. This was stilling upon the bank when we had dinner, and admiring the variety of beautiful fragments of beautiful search, in which a great number of individuals of the party. I also discovered, while loitering along the shore, a mass of native copper of nearly two pounds weight, attached to a water worn mass of serpentine rock and a number of smaller pieces. Indeed grains of copper disseminated through bodies of serpentine rock are very common at this place, but this metal has not been observed in association with any other species of rock. Radiated zeolite, crystallized quartz, calcite, pyrite, jasper, opal, agate and ardenonyx, are also among the minerals picked up along this part of the shore. Of the specimens of garnet, I procured several included in rolled pebbles of quartzite, and in one instance, a mineral imbedded in a large detached mass of hornblende rock. All the rock along this shore, however, which was noticed, in situ, is either a red, gray or variegated sandstone, which appears to be related to one formation, color being the only character in which any difference could be perceived. The very interesting character of the mineral in this place attracted the attention of several of our party who had before felt no interest in this study, and from the spirit of imitation, several of the soldiers and voyageurs also turned collectors of specimens. But a greater novelty ensued, the Indians attached to the expedition, on being shown the substances we were anxious to procure, also undertook the search, and with such good success, that I am indebted to them for some of the finest specimens I have from that locality. This is not the first occasion they had manifested to the subject, for on a former occasion they assisted me in chiseling organic shells from the rock, and seemed to take a delight in being serviceable in that way, although unable to comprehend the object of these collections. It was impossible to find corresponding words in their language to signify the benefit to be derived from geological studies, although they were anxious to be informed, and made repeated inquiries. There is a general impression among the Indians that we possess the skill of turning all minerals either into money or medicine. My attention to this subject had struck them upon the third or fourth day after our departure from Detroit, when they bestowed upon me a name, at least characteristic of my situation in the expedition.

Footnote 28 - "Pan-gya-be-can-e-a". The discovery of rocks, or he who enjoys himself among the rocks. It may be considered as synonymous with the word "Mineralogist". N.E.S.