

GL 31069

Volume 4, no. 1 = January, 1962



the

GLACIAL

DRIFTER

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Artist	Mrs. Barbara Roys	1145 Veto, N.W.

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, 2420 Coit, N.E. (Sept. thru June).

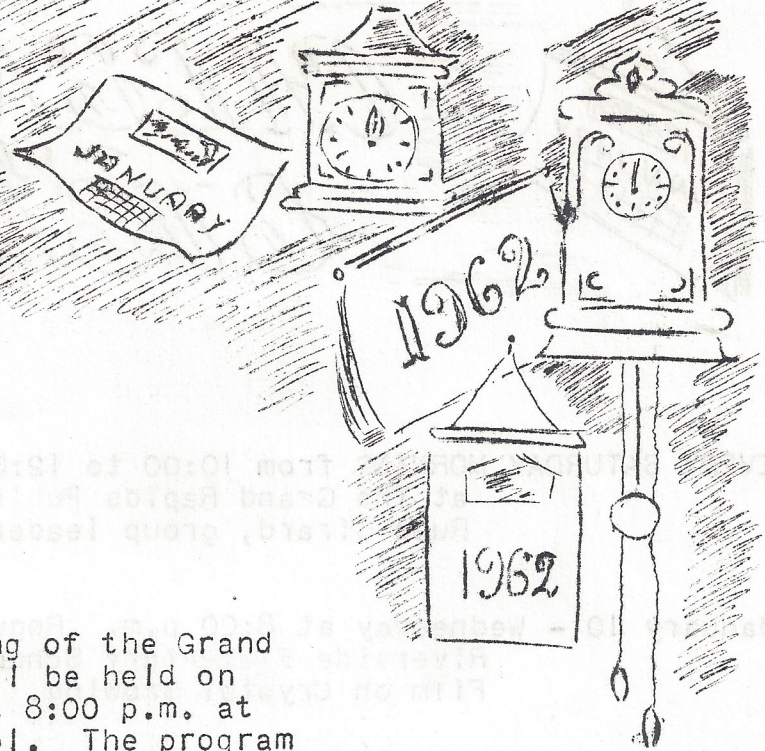
Advertising in the DRIFTER is at the rate of \$3.00 per issue.

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.

Member of Bulletin Editors Association.

Happy New
Year!



JANUARY MEETING

The regular monthly meeting of the Grand Rapids Mineral Society will be held on Wednesday, January 10th at 8:00 p.m. at Riverside Elementary School. The program will be a film by the Bell Telephone Company on CRYSTAL GROWING AND PREPARATION, plus an additional movie on some phase of communications and the telephone switch board. These films are being loaned us through the offer of Mr. LaMore of the Bell Company. They have been reviewed by some members and are really something an ardent rockhound should know concerning his hobby. We are grateful for this opportunity to view them.

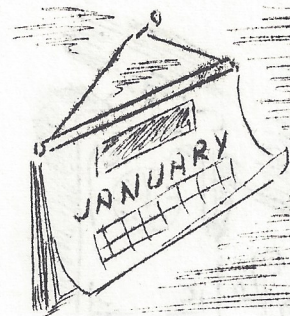
Henry and Steve Tchozeski will be at the Rock-Sale table to take your money for any of the material they have on hand. Last month's selection was good and without a doubt there is still plenty to choose from, since several people donated material for this use, including Leo Hoogerhyde, John Joldersma, Marie Spielmaker, and Kreigh Tomaszewski.

Henry Tchozeski, Chairman of the November Auction, advises that two names were omitted from the list of donors and extends apologies to Willis Atwell and Fay Reed for this omission.

Members of the new Membership Committee, as well as our new Treasurer will be at the table near the door to accept your money for your 1962 dues. As of this meeting you are delinquent if you have not paid, and as of the March 1962 meeting your name will be dropped from the mailing list and will not appear in the new Membership Directory which will be published the latter part of March. Please pay your DUES NOW, if you delay, you may forget.

BOARD OF CONTROL MEETING

The 1962 Board of Control will meet at the home of Mr. & Mrs. Leslie G. Pearl, 1563 Benning, N.W., on Monday, January 15th at 8:00 p.m.



CALENDAR of EVENTS

EVERY SATURDAY MORNING from 10:00 to 12:00 - Junior Group Meeting
at The Grand Rapids Public Museum. Les Pearl and
Russ Girard, group leaders.

January 10 - Wednesday at 8:00 p.m. Regular monthly meeting at
Riverside Elementary School, 2420 Coit, N.E.
Film on Crystal Growing.

January 15 - Monday, at 8:00 p.m. Board of Control Meeting at
home of Mr. & Mrs. Leslie Pearl, 1563 Benning, N.W.

January 25 - Thursday at 8:00 p.m. Mineralogy Group meeting at
home of Mr. & Mrs. Robert R. Rozema. Mr. & Mrs.
August Post will show slides and tell of their
vacation in the southwest.

March 3 - Saturday. This is the day the displays will be put
in at the Museum for our 3rd Annual Show. This
show will last all of the month of March.
We hope you are getting your material ready.

May 19 and 20 - Saturday and Sunday. Kalamazoo ROCKFEST. You
will be hearing more about this in future issues
of the DRIFTER.

July 27-28-29-30 Midwest Federation and American Federation
(combined) annual convention at Des Moines, Iowa.
Plan your vacation so that you will have an
opportunity to spend at least a few hours there.

April 21 - Saturday - First day of Spring! How about a field
trip? If you have any ideas for one, please
contact one of the Field Trip Committee members.
They will see what can be done.

LAST MONTH'S MEETING

Did you ever notice how some folks return to the same spot year after year for their vacation? They seem to fall in love with a certain locality and never tire of its beauty and other attractions. Each time they return, they discover something new, something exciting, something to make them want to return again next year. Others, on the other hand, seem to have the wanderlust -- wishing to visit new territory, see new sights, and find new forms of entertainment, never feeling that compelling desire to re-visit last year's vacation place. These people are obviously incompatible and pity the husband and wife who are at these extremes.

In revisiting sections of our state again and again, it is difficult to please all segments of our club but when we return, as we did last month, we do it with a purpose in mind. These are areas that can be visited in a short time and on a limited budget and the searching eye and inquiring mind can find new pleasures with each trip. To advise rock hounds to keep their ears and other senses on the alert when in the field is unnecessary, of course, as all of us have had the thrill of hearing the drumming of a partridge in the spring or perhaps the mournful call of a loon just before the evening shadows disappear and darkness calls a halt to another day of rock hunting.

Last month we took a look at portions of the Lake Michigan shore line and adjacent areas while flying northward to visit the north-western part of the upper peninsula. These aerial views, it was hoped, would give you a look at both the scenic beauties and the geology left behind by the retreating glaciers from a somewhat different angle. It is very difficult to obtain a good photograph of the drumlins of the Grand Traverse area from the ground. The average camera, even when fitted with a wide field lens, does not cover enough area to adequately show the shape or orientation of these interesting geological features. Aerial photos on the other hand leave little to the imagination. Shape, size and orientation can easily be seen. The extent of the movement of the sand dunes is likewise dramatically seen from the air, especially where the dunes are filling in a lake as in the case of Silver Lake near Hart, Michigan.

Our visit through the White Pine Mine gave some of you the opportunity to see how drill cores are laid out, allowing the study of the various strata of rock to considerable depth. Also seen were ample evidence of old stream flow, mud cracks, and other evidence of surface geology now buried under hundreds of feet of sediments. Although the limitations of the camera and the need for use of artificial light did not allow good photos of the modern mining techniques, some appreciation of the vast scale of these operations could be judged by piecing together the evidence seen in the many underground shots.

Many of you may have no interest in the various time increments as designated by the names Precambrian, Paleozoic, Keweenawan, and others as used in the taped narrative or of the various strata of

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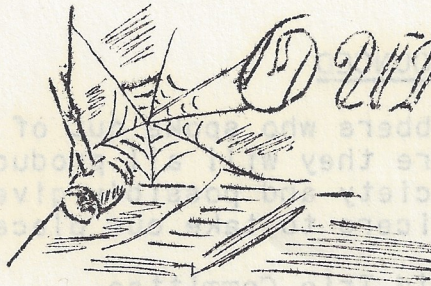
of rocks such as the Jacobsville sandstone, Keweenaw lava series, and Keweenaw sandstones, or even of the further breakdown of the lava series into the Kearsarge Lode, Baltic Lode, etc. These names may have been foreign to the beginning student of geology and we hope that they didn't confuse or discourage you. You will constantly be bumping into them however as you travel and study the stories told in the rocks. I have noticed that the ladies have no trouble in remembering those exotic names used for perfumes, nor do they forget the names of well known dress designers both of which leave me in the proverbial fog, but if I were in the position of these young ladies, I am sure that I would have a speaking knowledge of these words and phrases before too many months passed. So it is with geology. You will be using the various time eras to appreciate geological history, and the various strata and their outcroppings will be of more interest to you as you become acquainted with them and their names.

By the way, the maps shown in the slides will be available for any member of the club who wishes to borrow them from Dr. Rose. To review quickly just what these maps show and what you saw at the last meeting, I will list the various locations as marked on the maps.


- Dan's Point with its algal biostrome. (Collenia undosa)
- Ashbed series outcrop in road cut. (volcanic bombs)
- The Greenstone Flow.
- Ahmeek #3 mine dump (The Kearsarge Lode)
- Allouez Conglomerate Dump
- Rock Wall Ravin. (scenic natural wall caused by differential erosion)
- Road cut near L'Anse. (Unconformity-cross bedding-negative concretions)
- Taylor iron mine. (Anticline - Glack graphitic slates - pyrolusite)
- Limestone Mountain (Outliers of Paleozoic dolomite)
- Baltic Mine #2 Shaft Dump. (Native Copper - Chalcocite - Ankerite).
- South range Quarry. (Classical section of Keweenaw lava flows).
- Road cut near Bosch Brewery. (Two types of faulting).
- Freda formation Lake shore outcrop. (Ripple marks - Mud Cracks etc)
- Carp Lake mine. (with its history).
- Copper Harbor Conglomerate. (in road cut).
- Greenwood Falls on the Big Iron River.

I hope that you enjoyed the program as much as we enjoyed presenting it. To write up your own program is rather unique, so I will leave any praise or criticism up to you.

Richard W. Rose



OUR PRESIDENT'S CORNER



I suppose this space would look nicer if it were left without a scratch; but, like every human if given a piece of paper and a pencil, I have to scribble or "doodle" all over it; and since this is my first official "doodling" all I can say is "bear with me while I proceed to mess it up a bit".

To begin with we saw Dr. Rose ride my pet nag (gin) to last month's meeting, and a right nice job of hills and dales tally-ho you really experienced. This program, which he master minded, and compiled just shows the wonderful work our members can accomplish. By "pet nag", I mean member participation not only in the festivities and such of the club, but bringing back in picture form the highlights of a tripthither and whither. Now, highlights don't necessarily mean you must buy a plane and go as Dr. Rose did, but even as Augie Post showed us the promise of Brigham Young's land of Utah, so do hundreds of places in this far flung continent lend themselves to the camera and narrator.

It shows what careful planning and studied procedure can produce, not only to delight you in the sanctum of your home studio, but the greater enjoyment attainable by sharing with your fellow trespassers in life these rewards. Anyway, you are investing the material and time, why not the extra to capture a worth-while project. Now I am informed there are other masters at this sport who are eager to come forward and regale us with their bits of satisfaction along the high roads of travel.

Certainly we are not all Stan Midleys or Clifford Kamens in the travelogue field, but from the stories I 'heard' told we have some very adept spielers of yarns.

We hope to have a camera on every field trip, and you who do the gathering, ought to see to it that the shutter-bug gets his share of loot as well as your presence up-ended for a slide. These records are always a thing to cherish; for the moments of time slip away and years like this brand new 1962 into which we are all going willingly or no, sober or otherwise, will find many a vacant place where but yesterday our companions stood.

To all of you - north, south, east, or west, friend or foe, a welcome to our doings and a very Happy New Year!

Leslie G. Pearl, President

P.S. I should have told you that Willis Atwell and Henry Tchozeski lent their studied ears to the discourse by Dr. Rose. Our thanks to all of you for the help and advice.

1962 COMMITTEE MEMBERS ANNOUNCED

Here is a list of all those loyal rock-clubbers who spoke out of turn when their phone rang, but we feel sure they will all produce to the good of the Grand Rapids Mineral Society and possibly give us some timber for the year of 1963 as officers to take our places.

Membership Committee

Mrs. Nellie Mead
Mrs. Bert Sweet
Mrs. Helen Rosel

Field Trip Committee

Mr. Dale Rosel
Mr. Casey Doornbos
Mr. Charles Sweet

Spring Show Committee

Mr. Jack Kirkwood
Mr. Gerry Morris
Mr. Fay Reed

Program Committee

Mr. Willis Atwell
Mr. Lowell Palmer
Mr. August Post

Picnic Committee

Mr. and Mrs. Paul Chase
Mr. and Mrs. Henry Tchozeski

Rock-Sale Table

Mr. Henry Tchozeski
Steve Tchozeski
Mr. James Perkins

Special Groups

Mineral Group	- Mr. Robert R. Rozema
Lapidary Group	- Mr. Joe D. Hanna
Lapidary - Junior	- Mr. Russ Girard
Geology - Junior	- Mr. Les Pearl
Scholarship	- Dr. Richard W. Rose

Committees we would like volunteers for:

1. Women's Lapidary Group - afternoon meeting.
2. Paleontology Group - evening meeting.
3. The Club Roster to be published in April.

1961 BOARD HELD LAST MEETING

The 1961 Board of Control held its last meeting at the home of Mr. & Mrs. Gerald Morris on Monday evening, December 18th. Many things of interest to the club as a whole were brought up. These will be discussed from time to time in the DRIFTER and at the regular club meetings.

MINERALOGY GROUP MEETING

The Mineralogy Group will meet at the home of the group leader, Bob Rozema, 1355 Hollywood, N.E. at 8:00 p.m. on Thursday, January 25th. Please keep this in mind as we have a special treat in store for you. Mr. August Post and his wife have just returned from a western vacation and we will have this opportunity to see some of his slides. Maybe he will bring along some of the material they collected, too.

ATTENTION ALL MEMBERS OF THE GRAND RAPIDS MINERAL SOCIETY!

This is an official notice of the Spring Show to be held all through the month of March at the Grand Rapids Public Museum. It only gives us two months, or about sixty days, for you who, we hope, will place displays for public inspection.

This is your show and your opportunity to let the general public know what we as a group are doing to maintain a hobby which is international in scope. It is very necessary that we all contribute to the advancement of this hobby and what better way than a display of those things which are of interest to us and of an informative nature to all.

Let us consider our bit as the ants in a hill, each one carries a minute portion of all that is accomplished, yet the runnels and hill make a thing which men pause to observe. So let us all carry our bit of rock activity to the point where more can see its benefit to us and to themselves. It may inspire others to take up the hobby and join us in this the most healthful recreation we have yet seen.

Hear Ye! Year Ye! All star gazers and hoot-owls who on Friday the 14th of December at approximately 11:00 p.m. were witnesses to the brilliant meteor which fell on an angle of 87° moving toward the east and about 3° west of north from our point of observation. If you took a sighting on its descent, we would appreciate it if you communicate with Les and Lucile Pearl so that an intersect can be arrived at and a possible hunt laid out. A field trip to find an object like this would really be a rock hounds delight. Please phone GL 3-1069 or write Les and Lucile Pearl, 1563 Benning Ave., N.W., Grand Rapids 4, Mich.

AN EMPTY SPACE? YOUR CONTRIBUTION
WOULD HAVE FILLED IT!

FINANCIAL STATEMENT

Many of you wonder what becomes of the money you pay for your dues, spend at the Rock-Sale Table, at the Annual Auction, etc. This is a break-down of our income and expenditures for the year ending September 30, 1961.

Grand Rapids Mineral Society

Balance on hand September 30, 1960 \$ 148.33

RECEIPTS 9-30-60 to 10-1-61

Membership Dues	\$ 505.00
Advertising in "Drifter"	66.00
Rock Sales	62.16
Silent Auction	236.30
Door Prize Ticket Sales	95.00
Magazine Subscriptions	54.00
Book and Map Sales	67.50
Emblem Sales	87.75
Safety Glasses	9.00
Petty Cash	145.00
Miscellaneous	40.02
Cash on Hand	74.00
TOTAL RECEIPTS	<u>\$1,441.73</u>

DISBURSEMENTS 9-30-60 to 10-1-61

Bulletin Expense	\$ 284.68
Rent	137.50
Programs	120.88
Petty Cash	165.00
Office Supplies	34.77
Subscriptions	62.00
Museum Junior Members Dues	19.00
Maps and Books	102.00
Dues, Federation	46.82
Picnic Expense	20.30
Insurance-Museum Rock Show	40.00
Miscellaneous	27.84
TOTAL DISBURSEMENTS	<u>\$1,060.79</u>

Cash on hand and in bank 9-30-61 \$ 529.27

Virginia Franzen, Treas.

Subject to Audit

SLIDE LIBRARY NEW PROJECT

The Grand Rapids Mineral Society is beginning a new project this year. It is the intention of your club to form a library of two by two slides dealing with rocks, minerals, and geology along with the lapidary and the allied subjects. This library will be available to the local schools and other organizations through the Grand Rapids Public Museum on a loan basis. It was felt that the museum would be the logical place to house our collection making it more centrally located and more readily available for use by their staff and other interested parties.

The first step in this project will be the collecting and cataloging of slides related to our hobby. Dr. Rose will have charge of this project and will need cooperation from all of you who are interested in photography. If you have, at this time, any slides that you would be willing to donate to the club, please contact Dr. Rose or you can mail them to him at 422 North Park St., N.E., Grand Rapids 5, Michigan. We are interested in any and all color slides irregardless of locality. If possible, when donating slides, give a short history of the picture; Geology involved; where and when taken etc.; if it is of geological interest or if of your favorite mineral specimen, give the information that you would have on the specimen in your collection.

We would appreciate any available slides as soon as possible. If you would rather not give your slides, could you have duplicates made of them for us? Or if you would rather, loan us the slide long enough to allow us to have it duplicated.

In the future, if you have the opportunity, we would appreciate it if you would take two pictures of scenes that you feel would be of value to the club. This is the least expensive method of obtaining slides and duplicates are never quite as good as the originals. Your cooperation will be appreciated.

This can be the beginning of a very worthwhile project. If things turn out well, we may be able to set up some taped programs coordinated to the slides that we have for programs to be loaned to other clubs for their programs, or taped programs coordinated to the schools educational system. There are many possibilities for the future of this program.

Dr. R. W. Rose
Chairman, Slide Library Project.

rozema's rock pile
776 Leonard N E Phone 742-3383 Grand Rapids 5, Mich
Hours: 9:00 a.m. to 9:00 p.m. daily

Mineral Specimens - Cutting materials - Lapidary Equipment
Tumblers - Silver, sheet and wire - Tools - Grits
Polishing Compounds - Silver Solder - Flux
Findings - Lee Faceting Heads - Books
Lapidary Instruction Silver Smithing Classes

"Grand Rapids Oldest Complete Rock Shop"

THE GRAND RAPIDS MINERAL SOCIETY

1355 HOLLYWOOD NE

GRAND RAPIDS, MICHIGAN

RETURN POSTAGE GUARANTEED



The Grand Rapids Mineral Society is pleased to have you as a member. It is the intention of your club to furnish you with a variety of slides and the related subjects. This library will be available to the local schools and other organizations throughout the Grand Rapids Public Museum on a loan basis. It was felt that the museum would be the logical place to house our collection. It is more centrally located and more readily available for the general public and other interested parties.

The first step in this project will be to determine the type of slides related to our hobby. Mr. Rose will have charge of this project and will need cooperation from all of you who are interested in photography. If you have any slides, slides or that you would be willing to donate to the club, please contact Dr. Rose of you can be reached at 333 Richard Terrace S.E. Grand Rapids, Mich. 49503. It is possible, when donating slides, to give a short history of the slide and the person who made it when taken etc. It is of course, your choice to do so. Your favorite mineral specimen, your favorite rock, your favorite fossil on the specimen in your collection, etc. etc. etc.

Mr. Kreigh Tomaszewski
333 Richard Terrace S.E.
Grand Rapids 6, Mich.

We would appreciate any available slides as soon as possible. If you would rather not give your slides, you would be glad to make of them for us. Or if you would rather have your slides in long enough to allow us to have a duplicate made for you. In the future, it would have the opportunity, when you feel would be of it you would like to discuss the slides that you feel would be of value to the club. This is the least expensive method of obtaining slides and duplicates are never out of season. Your cooperation will be appreciated.

This can be the beginning of a very worthwhile program. It things turn out well, we may be able to set up some special programs coordinated to slides that we have for programs to be loaned to other clubs for their programs, or loaned programs coordinated to the school educational system. There are many possibilities for the future of this program.

Chairman: Dr. R. M. Rose

776 Leonard N E
Grand Rapids 5, Mich
Phone 742-3752
Hours: 9:00 a.m. to 9:00 p.m. daily

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