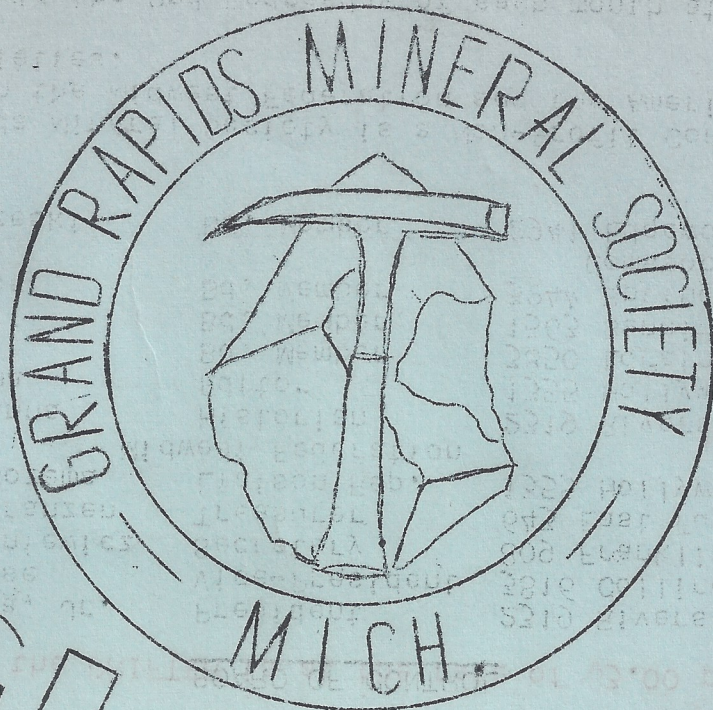


vol 2 no 11

november

1960



the

# GLACIAL DRIFTER

official publication  
of

THE GRAND RAPIDS  
MINERAL SOCIETY

1355 HOLLYWOOD N.E.

GRAND RAPIDS 5, MICHIGAN



BOARD OF CONTROL

Mr. Joe D. Hanna, Jr.	President	2319 Riverside N. E.
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Mr. Leslie Pearl	Bd. Member	1563 Benning N. W.
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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.

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

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# THE GRAND RAPIDS MINERAL SOCIETY

presents its

## 2nd. ANNUAL ROCK AUCTION

Fellow rockhounds, it's Auction Time again!!! Last year's auction proved such a success, both as an entertainment program and as an end-of-the-year treasury booster that your Board of Control has decided to make it an annual event.

For the past month a committee, headed by Henry Tchozeski and manned by Dick Rose and Don Casey, has been busy making plans and assembling material. The DRIFTER takes this last opportunity to ask those of you who have not already contributed to dig down in your rock bags and come up with something real nice for this highlight of the year's activities. The success of this Auction depends on YOU. It is your chance to help your club's treasury and give your fellow rockhounds something to bid for that will bring years of pleasure to the lucky bidder who buys it. Maybe, you will be fortunate enough to find a real treasure for your own collection among the items given by your friends. If you don't have anything you can bear to part with go to one of the DRIFTER advertisers and purchase an item or two.

The sale this year will be a SILENT AUCTION with four tables running simultaneously, all material will be identified and plainly marked on the bid sheets with the donor's name and the minimum bid. All you have to do is write your name and bid on the sheet and move on to another piece that you "just have to have" for your collection.

The minute you read this notice go and find something good to give to the auction and call the Board Member nearest your home to arrange for its quickest possible delivery to the Auction Committee. In submitting your material please be sure to identify it carefully and state its estimated value for the benefit of the committee who will have to prepare the bid sheets from the information you supply.

Neighboring clubs who receive this mailing are cordially invited to come and have fun with us at our auction, only requirement - bring money and bring rocks.

We'll be seeing you at

8:00 P.M. - NOVEMBER 9<sup>th</sup> - at  
RIVERSIDE ELEMENTARY SCHOOL



## NOVEMBER MEETING

Wednesday, November 9th at 8:00 p.m. we will meet at Riverside Elementary School for our regular monthly meeting, which should be of interest to all. As you will have noticed from a previous page, we are having an Auction. There will be a drawing for the door prize, a piece of jewelry made by Mrs. Doris Kemp at the October meeting.

Membership Directories are available and should be picked up at this meeting.

Subscriptions for Earth Science Magazine will be taken by Miss Marie Spielmaker.

## NOVEMBER 12 FIELD TRIP TO CLAY CENTER, OHIO

Les Pearl, Field Trip Chairman, requests your attention to this notice of a field trip in the limestone quarry of Basic, Inc. at Clay Center, Ohio. Travel directions are:

Follow your own route south and east to the Ohio Turnpike - take Ohio Turnpike east to Interchange 5 (Stony Ridge, Toledo Interchange) - proceed north of highway #120 to highway #795, a distance of about three miles - turn right on #795 and proceed about three miles east to the plant which is visible to the left. We will rendezvous at the scale house where we will sign release papers and will enter the quarry as a group.

Please stay in line entering the workings and remember that we are guests of Basic, Inc. Let's make them happy that they invited us to collect on their property. Those of you who plan to go must inform Les Pearl in advance so that he will know how many to plan on. You must agree to obey the field trip captain to assure your pleasure and safety. Collecting under dangerous overhang will not be tolerated, collectors who are willing to take above normal risks will have to do so on personal collecting trips and not when members of our club field trip group.

The specimens to be obtained at Clay Center are celestite of exceptional crystal definition and beauty, and with luck, you may collect some fluorite, calcite, and sphalerite. We may be able to work out something for those who wish to collect at Pugh Quarry on the way home - calcite specimens of extraordinary size and beauty have been collected at Pugh in the past, although recent working has been out of the crystal area so don't expect miracles.

Bring your safety glasses or goggles, your own drinking water, a picnic lunch, a few bandaids and by all means wear your club emblem. Look forward to a day of fun that you will long remember.

The trip will entail between four and five hours of driving to Clay Center and we will rendezvous at the scale house at 9:00 a.m. on November 12th, so plan to start well before daylight.







WELCOME NEW MEMBERS

A hearty welcome to the following new members. Please add these names and addresses to your Membership Directory.

Mr. & Mrs. Robert B. Smith  
2345 Ducoma Dr. N. W.  
Grand Rapids 4. GL 3-1195

Dr. & Mrs. Robert B. Smith  
1445 Breton Rd. S. E.  
Grand Rapids 6. CH 5-1889

Mrs. Mildred L. Pease  
244 Powell S. E.  
Grand Rapids 7. GL 2-4848

Mrs. Marion M. Carpenter  
741 Lafayette Ave. N. E.  
Grand Rapids 3. GL 4-0259

Michael Peterson  
4 Knapp St. N. W.  
Grand Rapids 5 EM 3-0190

Robert Siereveld  
9 Knapp St. N. W.  
Grand Rapids 5. EM 3-0929

Miss Elizabeth Preston  
537 Marywood Dr. N. E.  
Grand Rapids 5. EM 3-0228

Mr & Mrs. Ray Brown  
126 Murray S. E.  
Grand Rapids 8. LE 2-6869

Mr. Donald I. Brown  
745 Clancy N. E.  
Grand Rapids 3.

Mr. & Mrs. Ernest Gifford  
3703 Taft S. W.  
Wooming 9 LE 2-6727

Mr. & Mrs. James A. Halpin  
Conklin, Mich.

Mr. & Mrs. W. H. Nelson  
1022 Kensington S. W.  
Grand Rapids 9. GL 2-2883

Mr. & Mrs. Don R. Creager  
Conklin, Mich. TW 9-2621

CHANGES OF ADDRESS

Miss Marsha Farley  
55 Lafayette N. E.  
Grand Rapids 3. GL 4-9926

Mr & Mrs Arthur Elsenheimer  
R #4, Box 56  
Traverse City, Mich

Mr. & Mrs. Lester B. Walters  
P.O. Box 38  
Jupiter, Florida (until May)

Mrs. Sylvia Delacher  
Youngtown  
Arizona (until May)

Congratulations to Holly Barkley on her marriage to Ed Fields.  
Her new address is 712½ Brook, Apt. 4, Witicha Falls, Texas.

GRAND RAPIDS ROCK & GEM SHOP

GEMLAP - A complete lapidary unit  
to grind and polish stones  
GEMLAP Trim Saw

ABRADO Tumbler - 5# capacity

Polygon Master - grinding guide  
learn how in minutes

OPEN EVENINGS & WEEK ENDS  
Phone LE 4-9411

VALLEY LAPIDARY Bill & Sue  
P.O. Box 440 Hiser  
2260 Traver Rd., Ann Arbor, Mich.

WHOLESALE

Your local rock shops are our  
customers

Exclusives  
by  
Valley Hi



## MINERAL COLLECTING

I want to tell you what I know about mineral collecting because it is the phase of the earth science complexes which offers the most active participation for those of us who live in Michigan. Many times I have heard members of our club say "I'm only interested in the lapidary part of our hobby", or "I like field trips best, I like to find everything in my collection for myself", or "what can we look for around Grand Rapids".

A few obvious facts must now be considered. To the person whose sole interest in the rockhobby is in the lapidary field, people living in Michigan will have to buy their cutting material or trade for it. The only cutting material in good supply is Kona-dolomite at Negawnee, jaspilite in the same area, Labradorite or peristerite at Wassau, Wisc., and jasper or chert at Flint Ridge, Ohio. Beautiful small agates may be collected in the Lake Superior region and along the Mississippi River and that is it.

To the confirmed field tripper, we live in the middle of a great limestone bowl of many layers covered over with the debris of four great continental glaciers. Where the shovels of the gravel pit operators have scarred the earth's surface the varied materials of the drift are spread before us, a limitless sampling of the rocks and minerals that go into the making of our world, an inviting introduction to the study of geology. In some places man has cut and blasted deep into the limestone rock itself and page by page the book of geology is opened to the student, recording the history of life in the fossils of the preceding ages and the minerals which have been deposited among these rock formations. Now, since this is to be the story of mineral collecting, I will leave the tale of fossil collecting to another to be told at another time.

Members of the Grand Rapids Mineral Society are, by geological circumstances and geographical necessity, mineral collectors and so let us consider the minerals. Most basic substances in the earth, they form the building materials of the rocks and in their most pure, rare, and beautiful forms they are the gems which the lapidary fashions with such loving care. A mineral specimen is an object of study and enjoyment to you and should be selected to give you as much understanding and knowledge as possible. Collect as nice crystals as possible and as much variety of crystal as you can find in the locality. Study and identify the specimen and index it for your collection. A good way to do this is to paint a small square on the back or bottom of the specimen with white enamel and mark a number in the square with black india ink or enamel. The Dana System of classification is a good one to follow and has the advantage of almost universal acceptance, although, it is perfectly all right to develop and use your own system provided you arrive at this determination through study and not happenstance.

The important thing is to have a system of classification and to use it. Many of us have started our collections depending on memory for the identification and localities of our specimens, with confusion as a result. The beginner may avoid this pitfall by starting out his collection right in the beginning. This article is meant to be the first in a series and I am not going to attempt

(cont. on next page)



to cover too much ground here. I would like to suggest that those of you who plan to collect at Clay Center on November 12th follow a few basic rules for good mineral collecting.

First of all, buy and use a good field guide, read it at home before the field trip. In the case of Clay Center, you will be collecting in a working limestone quarry in northwestern Ohio. This quarry is one of the classic locations for celestite and the associated minerals sometimes found here are calcite, sphalerite, chalcopyrite, and fluorite. Learn what these minerals look like and their mode of occurrence. In order to enjoy your field trip completely wear a good pair of solid, comfortable shoes and field clothes; take a pair of safety glasses or goggles and a pair of work gloves if your hands are soft. Take along a cardboard box or two for your specimens and plenty of wrapping to protect the crystals. Some of us like to place the more delicate crystals in a box and fill the box with sawdust or ground up corn cobs, something that will protect the specimens from rubbing against each other and from vibration and road bounce in transportation. For the sake of simplicity I will list my own equipment and let you be your own judge of what to take with you.

4 sturdy cardboard boxes and shredded paper and sawdust  
a rock pick - a 3 pound hammer - several chisels -  
a 5 foot steel bar with a chisel edge - a pickax - a few  
bandaids - a bottle of tincture merthiolate - a swapping  
box in case some rockhound I bump into has something I  
want real bad.

Am so, good hunting, fellow rockhounds! Please let the Glacial Drifter know if you liked this article well enough to want more of the same, and what particular information you would like covered in this series. I am listing a short bibliography for those of you who want to do a little reading.

Rocks and Minerals of Michigan	State Publication
Fieldbook of Common Rocks and Minerals	F. B. Loomis
A Field Guide to Rocks and Minerals	F. H. Pough
Getting Acquainted with Minerals	G. L. English
Mineralogy	Kraus, Hunt & Ramsdell
Textbook of Mineralogy	Dana
Manuel of Mineralogy	Dana

by Bob Rozema

PETOSKEY STONE KITS FOR CHRISTMAS

Beginners Kit -	
stones, abrasive paper, polish & instructions	\$1.50
Bola Kit -	
rough cab, polished on back only, with slide cemented, complete with abrasive paper, polish & instructions	\$2.50

GERALD MORRIS

1315 Griggs S. E., Grand Rapids

Phone GL 2-3889



MICHIGAN STATE UNIVERSITY CONTINUING EDUCATION CENTER PRESENTS:  
A NEW COURSE -CRYSTALLOGRAPHY

Dr. Harold B. Stonehouse will be the instructor and the course will consist of ten weekly sessions of two hours each and will only cost you the niminal sun of \$18.00. Meetings each Friday evening at 7:30 starting November 11th.

Dr. Stonehouse is a graduate of London University in England and of Toronto University in Canada and has directed mining operations on three continents in addition to his work inthe field of education.

This course was originated because of the expressed interest of several members of The Grand Rapids Mineral Society. Our field trip chairman, Les Pearl, contacted the Michigan State University and did the spade work that brings us this great opportunity. The DRIFTER heartily applauds the kind of initiative and effort that makes this type of college level instruction available to our community and hopes that many of you will telephone GL 9-9527, MSU Continuing Education Cnter at 148 Ransom N. E. for further information. If you need further recommendation, Dr. Stonehouse is a member of our neighboring club, Central Michigan Lapidary & Mineral Society of East Lansing.

JUNIORS TO GET THEIR OWN ORGANIZATION

The junior members of the Grand Rapids Mineral Society is, at last, getting the attention they have long merited. Your Board of Control has named Les Pearl as sponsor for the group which will elect its own leader who will automatically become a member of the Board of the parent society as provided in our by-laws. Mr. Pearl did a bang-up job for the Grnad Rapids Public Museum as a group leader during the summer just past and is well known locally for his work with the Boy Scouts of America. Les has worked with young people befor and has qualities of enthusiasm and sincerity not too easily found amongst us.

MIDWEST CONVENTION FOR 1961

Bob and Nina Rozema spent a recent Sunday visiting the Harry Spragues of Saginaw. Harry Sprague is Convention Chairman and says he is expecting the Grand Rapids Mineral Society to come through with a good exhibit for the big show. Plans are shaping up rapidly with the rules for showing formulated and floor plans for exhibits already on paper. The show will occupy three buildings of the Saginaw County Fairgrounds, and for four days, June 29-30, July 1-2, will bring you rocks, rock-crafts, rock talk, rock friends, and rock bragging, enough to make us all rock happy for a long time to come. More will appear in this publication as we get the information from the host club, Tri-County Rocks and Mineral Society of Saginaw, Bay City, and Midland.



### SPECIAL INTEREST GROUPS FORMING

The Board of Control, at its October Meeting, reviewed the questionnaires which were turned in by you at the last meeting and it was found that a number of you are interested in having "special interest group" meetings as well as the regular monthly meetings.

Bob Rozema was appointed by the president to head the group interested in Mineralogy and Geology. This group will meet at the Rozema's home, 1355 Hollywood N. E. on Tuesday, November 22nd at 8:00 p.m. to discuss a program of study and entertainment. All of you who are interested in joining this group are invited to attend, even if you did not fill out the questionnaire.

Joe Hanna is heading the Lapidary and Jewelry Making group. The time and place of meeting will be announced at the November meeting. Or contact Joe for further information.

At the time of going to press the plans for a group on Paleontology (fossils) had not been completed. No doubt these plans will be announced at the November meeting, also.

### MATERIAL RECEIVED FOR AUCTION

Henry Tchozeski, Chairman of the Auction Committee, announces that, at the time of going to press, the following have given material to help make our Auction a success: Ray Fox, Arnold Wendt, Bill Brimmer, Ernest Gates, Mrs. Gerald Bloomfield, Miss Amxine Atwater, Miss Pat Hubbel, Dr. Richard Rose, Mr. & Mrs. Joseph Misek, Otto Weisner, Charles Sweet, Mr. & Mrs. Don Casey, Miss Marie Spielmaker, Don Crabbs, and Mr & Mrs. Robert Rozema.

### OCTOBER ROCK SALE

Rock Sale Committee Chairman, Henry Tchozeski, announces that the material on sale at the October meeting was donated by Dr. Rose, Frank Christie, Maxine Atwater, and Bob Rozema.

### KALAMAZOO CLUB NOTES

Our own Gerry Morris was the speaker at the regular meeting of the Kalamazoo Geological and Mineral Society on October 3rd. Gerry talked about his technique of shaping and polishing Petoskey stone and showed examples of his work.

Bob and Nina Rozema of the Kalamazoo Club took Jim and Ruth Perkins with them on the Kalamazoo club's field trip to the Illinois coal strip mine area where they had a lot of fun collecting fern fossils. Verne Montgomery and Bill Allway of ESCONI acted as guides for the field trip and took the Rozema's and the Perkin's to a meeting of the paleontology group of ESCONI at Downer's Grove that evening. We hope that many of you will get acquainted with our neighboring clubs, you'll find good friends there, good collecting, and maybe we can help some new club out as the Kalamazoo club helped us to get started.



MIDWEST FEDERATION'S LETTER-A-MONTH for November 1960

Subject: ROCKRAMAS ARE SUCCESSFUL  
-By Russ Kemp, Rockrama Director

The two Rockramas scheduled for 1960 have now taken their place in Midwest Federation history. They were both very good shows and the Midwest Federation wishes to thank the Michigan Gem and Mineral Society of Jackson, Michigan and the Central Illinois Rockhounds of Decatur, Illinois for hosting the two Rockramas held this year.

Which society or club will hold the next Rockrama and where will it be held? We do not have the answers to these questions at this time as we are waiting to be contacted by clubs wishing to hold Rockramas in 1961. Consider the possibility of holding one of these shows at your next meeting and contact the Rockrama Division if you have an interest. We are ready to work with you and furnish you with information.

Those of you who exhibited or visited at either the Jackson or Decatur shows know that these were successful shows and that a great number of clubs and individuals benefited from them. The exhibits, programs, demonstrations were all superb and the dealers gave us a choice of exceptional materials.

These shows will help to promote our hobby, your club and the Midwest Federation. They will be continued, remember in 1961 there could be a Rockrama in three of our regions. The eastern region is not eligible as our annual Midwest Federation show and convention will be held in Saginaw, Michigan, June 29-30, and July 1-2.

Mark your calendar now to attend and exhibit at Saginaw in 1961.

Contact the Rockrama Division if we can be of help.

Have fun in your hobby,

Rockramally yours,

Russ Kemp  
Rockrama Director  
19 E. 144th Street  
Riverdale, Illinois



THE GRAND RAPIDS MINERAL SOCIETY  
1355 HOLLYWOOD NE  
GRAND RAPIDS 5, MICHIGAN  
RETURN POSTAGE GUARANTEED



NOVEMBER 1960

Subject: ROCKRAMAS ARE SUCCESSFUL  
- by Russ Kemp, Rockrams Director

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

which society or club you belong to. We do not have the space to list these questions at this time so we are waiting to be contacted by club or society to hold Rockramas in 1961. Consider the possibility of holding one of these shows at your next meeting and contact the Rockrams Division if you have an interest. We are ready to work with you and furnish you with information.

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page 100. All help in making your club and the Midwest Federation. They will be held in the eastern region is not eligible as our annual Midwest Federation show and convention will be held in Saginaw, Michigan, June 29-30, and July 1-2.

Mark your calendar now to attend and exhibit at Saginaw in 1961. Contact the Rockrams Division if we can be of help.

Have fun in your hobby,  
Rockramally yours,

Russ Kemp  
Rockrams Director  
19 S. Jackson Street  
Riverdale, Illinois