

Vol 2, no 7 ~ Mar, 1969



The

GLACIAL
DRIFTER

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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 second Wednesday of each month at 7:30 PM at the Grand Rapids Public Museum, Multi-Purpose room, East Building. Summer meetings at various parks as announced.

Membership dues are \$5.00 per year for a family, \$3.00 for single adult, and \$1.00 for students under 18 years of age. Dues are payable to Treasurer-year is from September 1 through August 31 of the following year.

Advertising in the GLACIAL DRIFTER is at the rate of \$3.00 per issue, September through May only.

All material for publication shall be in the hands of the EDITOR no later than the third Wednesday of the month or the week after the regular monthly meeting.

Permission to reprint articles appearing in the GLACIAL DRIFTER IS HEREBY GRANTED, PROVIDING PROPER CREDIT IS GIVEN.

1.
Wear your club emblem to the march meeting!

MARCH -- the month we'll be

"ROCKING THE RAPIDS"

- Mar. 1, 9 a.m. - 4 p.m. Set up Museum displays
Mar. 12, 7:30 p.m., Regular Meeting, Museum East Bldg.
"Geology of the West", presented by Robert Rozema
Mar. 17, Board of Control, Geo. Arnold, 7439 Eastern S.E.
Mar. 26, 8 p.m., Mineralogy Group, call Fay Reed for location.

MUSEUM SHOW
Western Program
FIELD TRIP

VISITORS ARE WELCOME TO ATTEND ALL REGULAR MEETINGS

CLUB MEMBERS ARE WELCOME TO ATTEND MINERALOGY GROUP OR TO SIGN UP FOR BEGINNING LAPIDARY INSTRUCTION

Coming next month: Illustrated talk, demonstration on faceting by Karl De Back.

"Geology of the West"--or what a rock shop owner sees and does on his summer vacation trips.

Bob and Nina Rozema, founding G.R.M.S. members (Bob was our first president), enthusiastic rock, mineral, and petrified wood collectors, and proprietors of Grand Rapids' oldest rock shop, will share with us some of the geological knowledge and collecting tips they have acquired during years of travelling in the west. Since Bob is also an outstanding photographer, this program promised to be one of the highlights of the season.

WHO WOULD LIKE A FIELD TRIP TO THE FAMED LIZZADRO MUSEUM?

Field Trip Chairman Ted Duprey is considering the possibility of chartering a bus for a club visit to the Lizzadro Museum in Elmhurst, Ill., probably on Sat., Apr. 12 or Sat., Apr. 19. This museum is particularly noted for its fabulous collections of gemstone carvings, Oriental gem and art treasures, and lapidary art. If we could fill the bus (39 persons), the round trip fare would be about \$7.30 each. If you think you would like to go, please phone Ted, LE 2-3841. If enough people express an interest the bus will be chartered, and you will then be asked for at least half-fare deposit. The rate is at cost, so all final reservations must be paid for.

Our scholarship fund is doubled! Well, that only means that we now have about \$12 instead of \$6, so there's still \$80-some to go. Now if we can keep on doubling it!!! Anyway, eat lots of cookies or make a special donation at the meeting-because it would be nice to reach that 100 percent status in May, so that it could be included among those announced at the Midwest Convention in June.

Have you all received your package of maps, travel books, convention news, etc. sent out from Murdo, S. Dak.? A number of our members are planning on making this trip - if you plan to go, do let your president know. Only members in good standing of federated clubs are allowed at these field conventions.

Who gave the gavel? We hate to admit this, but we just can't think of the name of the member who answered Henry Tchozeski's plea for a gavel last month-and didn't Henry enjoy pounding it! Will the real gavel-doner please stand up?

Marilyn Arnold, Arlene Duprey and Dorothy Ferguson will be our welcome hostesses at the March meeting. We think you should be sure and look them up and say "Hello", so they'll know they're being useful. In all seriousness, we are simply trying to make sure that no one is left in a corner or feels that we're unfriendly, by designating different hosts and hostesses as people who want to be talked to.

Is anyone missing a stainless steel fork with yellow plastic handle - left at the Dec. potluck? It will be at the next meeting-will the real fork owner please stand up?

Ask Karl De Back about his new electronic drill for drilling beads. It sounds like a fascinating gadget.

A telephone call received from Charles Sweet and his wife, Bert, will be of interest to their old friends in G.R.M.S.. The Sweets, who were called to Grand Rapids by the death of his father, moved to California several years ago, where Chuck is with American Potash Co. on Searls Lake. From their home they can easily go to pan gold in a nearby gold field, or visit Death Valley, the Sierras, Mt. Whittier, and the coastal range. The country is rich in minerals, They mentioned collecting Scheelite, along with the gold panning. They live within the flight pattern of a naval center, and once a year a local mineral club is admitted to the base for a mineral-hunting field trip. The Sweets are now proud grandparents, but still have one daughter at home. Chuck and Bert say "Hello" to all their old friends in our club and if you'd like to say "hello" back, Their Address is Box 3811, Rte. 1, Ridgecrest, California 93555.

Mrs. Foy Reed is still thrilled at receiving those two nice specimens of datolite from Jim De Zwaan--which was Jim's tribute to the Reed's fine story of how they came to be rockhounds, in last month's Drifter.

Dorothy Waterman is laid up for a while, following operations on both feet. We all hope you're feeling much better now, Dorothy. Marion Jennings, and her mother, and Ruth Steele have also been on the "get-well" list and we wish them continued recovery.

Our neighboring Ionia Club has changed the name of their Bulletin from "The Grand Valley Conglomerite News" (too many conglomerates among the state bulletins) to "The Grand Valley Lithogram". LITHO is stone and GRAM is message, they explain, so what more do they need in the name of a rock club bulletin?

LAST CALL -- for anyone interested in our all-expense week's scholarship to Mich. Conservation Camp at Higgins Lake. Applications must be turned in by next meeting night, Mar. 12. Surely many of you know of a teacher or youth leader, man or woman, who would enjoy this week of field study in pleasant surroundings. Any club member may also apply. This is one of our G.R.M.S. public service activities, designed to help establish sound conservation knowledge and experience.

There's a clever young fellow named Somebody Else,
There's nothing this fellow can't do,
He's busy from morning 'till way late at night,
Just substituting for you.
You're asked to do this, or asked to do that,
And what is your reply?
"Get SOMEBODY ELSE, Mr. Chairman,
He'll do it much better than I".
There's so much to do in our Organization,
So much, and the workers are few,
And SOMEBODY ELSE is getting weary and worn--
Just substituting for you.
So, next time you're asked to do something worthwhile,
Just give them this honest reply,
"If SOMEBODY ELSE can give time and support
You can bet your last dime--so can I!"

C Via Escōni

"DRIFTIN' 4 A ROUND" . . .

Do you have your new Membership Directory - with up-to-date addresses and phone numbers for all our club members? You will notice there are some blank pages at the back. These are designed so that you can add new members as they keep rolling in. Got your pen handy? Write:

Mr. & Mrs. Roger King, 1957 36th. St. S.W. LE 2-6239
John K. Mc Candliss & Mrs. Wm. K. Mc Candliss 166 Grand Ave. N.E.
GL 9-3966
Claude & Eleanor Bursley, 103 Elm S.W.

And a hearty welcome to these new G.R.M.S. members.

Marilyn Arnold wants more rocks, rocks, rocks! She has found a good deal of interest in the "rock table" each month, but her supplies are getting low. Since most of us have boxes of "spares" in our basements, please bring as much as you can to the next meeting. It's nice for members to have a chance to keep an interesting fossil or specimen for pin-money - what you don't need at all, someone else will prize.

Elaine Smith and Nellie Mead make a good pair these days- Nellie with her walking cast, and Elaine with cast and sling protecting a fractured -up wrist and broken elbow. (nobody will believe she did it - bowling?). Nellie came through with flying colors, despite the cast when she accompanied the Les Pearl Juniors on their field trip to the Chicago Museum of Natural History.

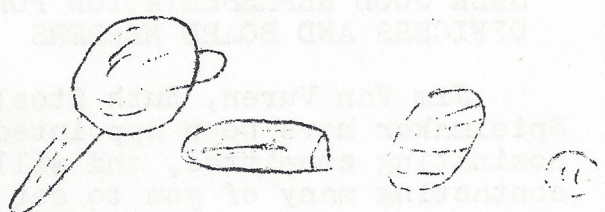
Ted Duprey is donating a label-maker to the club--a very handy gadget for making those meat-looking labels for specimens, etc. It will be on hand for setting up the Museum show--those using it should expect to provide their own tape, however. Or, if Ted has some tape on hand, we can pay for it in proportion to what we use.

Something to think about! He who is too busy to laugh is too busy.

"ROCKITIS"

Rocks, rocks, everywhere without a place to spare.
They're strewn upon the window sills, piled upon the chair,
I go into my laundry room, and there, spaced on the shelf,
I see so many doggone many rocks, I mumble to myself.
Rocks placed on the patio, heaped around the trees,
If you don't watch your footing, you fall upon your knees!
When I go to bed at night, and try to fall asleep,
I find that I am counting rocks, instead of counting sheep.
Who'd ever think when I retired, with hobbies all around,
Earth Science is the one I'd pick, labeling me a Rockhound!

LAPIDARY OF THE MONTH
JUDGING TO CONTINUE



After a few months' bad starts, Lapidary-of-the-Month Judge Casey Doornbos was so pleased at having 14 lovely cabochons entered that he declared himself unable to distinguish between most of them, and gave award winners to every entrant. With this happy initial encouragement members are urged to enter new cabochons for judging and display at our March meeting. After some discussion, the Board recommended that a panel of judges be established, with at least two present for each month's competition; also that a high-intensity light, magnifying lens, etc. be provided. A point-scale of reference in judging will be established. Each member is invited to enter up to three cabochons a month, as a "Beginner" (one who has finished less than 10-12 Cabochons), or "Intermediate" (those who have done more than a dozen cabs). Cabs should be unmounted, identified with a piece of tape on the back on which is written your membership card number only, and turned in for judging before the meeting starts.

Those who will receive lapidary award ribbons for their Feb. entries include: beginners Louis Murray, Marilyn Arnold, and Mike Potter; also old-hands Dr. Robert Smith, Henry Tchozeski, James De Zwaan Sr. and Gordon Williams, who entered to help get the competition going, but really didn't expect to walk off with the honors. We must have more entrants if this is to be a worthwhile and helpful club activity.

See the small circle to the right?
Hold this circle to your face and blow
on it rather strongly for full effect.



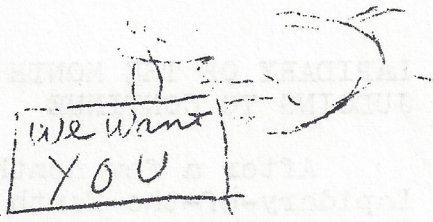
- If the circle turns green.....see your doctor
- If the circle turns brown.....see your dentist (and quit smoking)
- If the circle turns purple.....See a psychiatrist
- If the circle turns red.....see a banker
- If the circle turns black.....see a lawyer, and make out your will

but if the circle does not change color, you are apparently in very good health, and there is no reason why you should not attend the next meeting of the G.R.M.S., and be sure to speak to at least one stranger and volunteer for at least one small job.

Via "Rockhound News"

NOMINATING COMMITTEE APPOINTED;
SEEK GOOD REPRESENTATION FOR
OFFICERS AND BOARD MEMBERS

Jim Van Vuren, Ruth Steele and Marie Spielmaker have been appointed to this years nominating committee, and will soon be contacting many of you to set up a slate of



suggested nominees for election at the may meeting. However, if you would like to become a member of the Board of Control--don't wait to be called! No one will think you forward or "pushy" if you offer; indeed, your willingness to serve will be appreciated. Nominating committees get tired of being turned down. The funny part of it is, that if you only realized how much more you enjoy the club when you have a part in all its decisions and activities, and how much better you come to know fellow board members and other chairmen, you'd really be anxious to be on the Board. We'd like to get new blood and new ideas, but sometimes have to turn to the same old faithfuls, just to get the job done. So do say "Count me in".

Incidentally, one of the jobs which may have to be filled is that of a new Drifter editor -- or at least an assistant editor who could help by typing stencils and arranging for an occasional special feature. Typest volunteers, call one of the nominating committee or Elaine Smith. Your tired editor can no longer keep this up as a one-man job.

Special thanks to Mr. & Mrs. Robert Beauvais, who have agreed to be our publishers for next year.

DID YOU KNOW?

Granite can withstand a pressure of 15,000 to 20,000 pounds per square inch.

About 200 of the 2,000 known minerals have been found in the Franklin, New Jersey area.

If all the ice of Antartica melted, the world's seas would rise some 250 feet, or to nose-level on the Statue of Liberty.

Because its all-steel structure expands in hot weather, the Eiffel Tower is six inches higher in summer than in winter.

In Dorset Mountain in Vermont, a cavern of over eleven acres has been cut from almost solid marble. The roof is held up by pillars of amrble, left standing, 30' thick x 80' high.

The white "sand" of White Sands, New Mexico, is gypsum, and it the largest known surface deposit of gypsum.

HOW I BECAME A ROCKHOUND

by James De Zwaan Sr.

I was asked how I became a rockhound. This all started when I was a young boy, perhaps 4 or 5 years old. Perhaps there is no one factor, but the doings of many things involved. One of the reasons was liking to be out doors, also not having very many things to do with it became necessary to do things for ones own self.

Someone helped me make a sling shot-the simple one with leather pad with a hole in the center to nest a stone plus two strings, , a smooth round stone is the best. This started the search for the one stone apart from all others.

When I started school I met an Italian orphan boy who had been adopted by a warm hearted family. We became very close friends. This boy, from somewhere, had some knowledge of gem stones. Where he had gotten this knowledge I don't know--somewhere he must have been around someone who knew something about art of lapidary. He knew something about the stones, which would polish, so the search was on.

We were, perhaps, too young to get information of any kind, so all we did was gather stones, which our mothers threw out. We both became engrossed in the mystery of rocks, which leads to the study of minerals, which leads to where I sometimes wonder.

From my boyhood curiosity of what is in the stream bed, or under the hump of dirt, or over the next hill; then to what might be buried under sand, hid under the crust of the stone, the wonders of what this earth contains, the love to find something new. The perfect gem. The people we meet. The delight we see in the eyes of boys and girls when we can give them some rocks so they, too can know how to start a fine collection of rocks. Then, alas, the selfish part, to collect for ones ownself the finest specimens so as to do a little bragging and a little showing off--with the thought in mind to some day give them where they can be seen and used. This thought of doing something useful, which harms no living thing, is how I became a rockhound.

LAPIDARY HINTS: Sander Cleaner - Crepe rubber is an excellent "Cleaner" for lapidary sanding cloth. The crepe rubber used is the same as is used for shoe soles. A small thick sheet of crepe rubber is held against the sanding cloth while in motion. The crepe rubber acts as an eraser and will remove the accumulations of debris and expose the abrasive cloth for better and faster work.

(The Rockfinder)

10th ANNIVERSARY MUSEUM SHOW READY

(11)
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 "Old rockin' chair's got me" --that's our theme song for March, 1969, as we take over the public museum with outstanding displays of rocks, minerals, fossils and lapidary work presented under the theme, "Rocking the Rapids". Jim De Zwaan Sr. and Miss. Marion Jennings are co-chairmen of the show, which runs from Mar. 2 - Apr. 6.

T
 H
 E
 What promises to be a popular new feature this year will be "do it yourself" lapidary demonstrations every Tuesday and Thursday afternoons, with the public (and the many bus loads of school children brought to the museum for the occasion) invited to try their hand at hand-polishing Petoskey stones. The usual Saturday and Sunday lapidary demonstrations, some presented by the Les Pearl Juniors, and the Sunday slide programs will also be featured throughout the month of March.

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 S
 Displays this year will feature several correlated outside windows. Our neighboring Wyoming club will again participate. We've heard of several other outstanding exhibits -- but the great fun of the show is always the surprise with which we view the new and fresh ideas and work which members have put into their displays. Complete descriptions will be given in next month's Drifter.

Remember--it's your show, so study it and enjoy it. But it's also our "gift" to the city of Grand Rapids and the thousands of visitors who annually find renewed interest in the world around us through our displays and activities. So attend as often as you can, wear your club emblem, and be on hand to assist the day's official hosts and hostesses in welcoming guests and answering questions.

Hosts and hostesses will be as follows:

11
 Mar. 2, Mr. & Mrs. Arnold Wendt Jr.: Mr. & Mrs. George Arnold
 Mar. 8., Mr. & Mrs. Casey Doornbos, Mr. & Mrs. Arnold Wendt Sr.
 Mar. 9, Mr. & Mrs. James Van Vuren, Mr. & Mrs. Joe Parish
 Mar. 15, Mr. & Mrs. Arthur Ferguson, Mr. & Mrs. Lee Chapin
 Mar. 16, Mrs. Sandi Deole, Mike Potter, Mr. & Mrs. Clyde
 Littlefield
 Mar. 22, Mr. & Mrs. Don Crabbs, Mr. & Mrs. Donald Bowers
 Mar. 23, Larry Fegel, Mr. & Mrs. Robt. Rozema, Mr. & Mrs. Peter
 Bogaard
 Mar. 29, Mr. & Mrs. Kenneth Folkers, Mrs. Ruth Steele & Miss.
 Marie Spielmaker
 Mar. 30, Mr. & Mrs. James Waldron, Mr. & Mrs. Rex Krausbrauer

COOKIES, anyone? Setting up and taking down exhibits is time-consuming and not always easy. It would be nice to have cookies (or nut bread, etc.) and coffee on hand around noon on Saturday Mar. 1, and again at 5 p.m. on Sunday Apr. 6. We'll provide the coffee, if some of you nice people will bring the cookies. And please put your name on them, so we can acknowledge the favor.

ATTENTION!!! NEXT MEETING

GRAND RAPIDS MINERAL SOCIETY

Our next meeting will be held at the G. R. Museum on Thursday December 4th at 8:00 P.M. Future meeting plans will be announced. Slides will be shown on gem localities in the state and lapidary techniques will be discussed. We will have some equipment on display. Minerals and rocks will be shown, also reading material. Bring your rocks to be identified.

W O W ! ! !

What a spectacular sensation when you and 249 other rockhounds answered our invitation to the first meeting of the Grand Rapids Mineral Society. We expected 100 - we hoped for 150 but we were bowled over when 250 poured in!! We would like to have a turn out like this at every meeting. We know you all enjoyed the illustrated talk presented by Miss. Mary Jane Dockeray " A Mitten Full of Riches".

WE NEED PROGRAM IDEAS FOR FUTURE MEETINGS
PLEASE CONTACT DR. RICHARD ROSE IF YOU HAVE
ANY SUGGESTIONS OR IDEAS!!!

You might be interested to know that the Bellvue Quarry specimens which were on sale at our first meeting increased our treasury by \$6.67. We hope to have a rock sale at every meeting and to make it a success we hope every member will donate some material.

As you have probably noticed our bulletin has, as yet, no name. To choose a name we will have a contest. Submit your suggestions with your name and address and deposit in a box which will be set out for that purpose. The winner will receive a slab of golden tiger eye.

R E M I N D E R ! ! !

Those who join before January 1, 1959 will become charter members.

Dues are: Family \$3.00
Individual \$2.00
Student \$1.00

SEE YOU ON THURSDAY, DECEMBER 4 AT THE MUSEUM

GETTING TO KNOW OUR NEIGHBORS.....?

Early in November, the "Drifter" Editor wrote to three other rock clubs in our general area, suggesting that G.R.M.S. would like to become better acquainted with our neighboring clubs. We proposed to "introduce" these clubs in the pages of the "Glacial Drifter", presenting information about the group, its size meetings, officers, activities, etc. By Jan 30, we had heard from only one of these clubs, and it becomes a question as to whether it is worth writing to the other 3 or 4 groups in our area or not. However, we are delighted to present the following information from Eva Yaggie of the Grand Haven, Mich. club, and hope her cordial letter leads to increasing mutual interest and activities with this group.

Dear Mrs. Smith,

This is a belated reply to your letter of November 7, 1968. Please excuse this delay in answering your request for information on our club. We appreciate your interest in our group. I also want to tell you that all our members have enjoyed your annual show at the Grand Rapids Museum.

Our club was formed in April, 1966 and we have a membership of about thirty families. We meet the fourth Wednesday of the month (Sept-May) 7:30 P.M. at the Grand Haven Community Center, 421 Columbus St.

Our officers are as follows:

President: Truman Mars, 15252 State Rd., Spring Lake, Mich. 49456

Vice President: Charles Kelley, 103 E. Savidge St. Spring Lake, Mich.
49456

Secretarty: Mrs. Jack Petty, 1414 Waveely, Grand Haven, Mich. 49417

Treasurer: Perry Mitchell, 14297 Leonard St. Spring Lake, Mich. 49456

Bulletin Editor: Mrs. Joe (Eva) Yaggie, 1215 Beech Tree St.
Grand Haven, Mich. 49417

We will also have our second annual show at the Community Center on March 27, 28, and 29. I will send you more information on this in the near future. We do not, as yet, have a jugded show, but put it on to show people the jous of the hobby and attract new mwmbers. Our club doubled in size after our show last year.

Our club would be very much interested in arranging some activity with your club. We have been discussing the possibility of some project, either a show or swap, or perhaps a combination of the two with all the clubs in the area participating. This would include the Muskegon, Wyoming, Holland, Grand Rapids, and Grand Haven clubs. Sound exciting doesn't it? Perhaps when this winter subsides, our officers can get together and work something out.

Getting to know your neighbors continued.

I apologize again for my belated letter and will be looking forward to meeting some of your members at our banquet. Thanks again for your interest and "happy rockhounding" from our club to yours.

Yours Sincerely,

Eva Yaggie

Eva Yaggie
Past Secretary and
Bulletin Editor

SOUTH DAKOTA - OR BUST!!!

Aside from constituting the Heartland of the United States, the Midwest is unique also in that the regional federation serving this area - our own Midwest Federation of Mineralogical and Geological Societies - is the only one among the six regional federations which regularly holds Field Trip Conventions! Every third year the MWF Convention is not a Show with displays and dealers but an honest to goodness, out of this world collecting trip for hundreds of people at the same time.

THIS YEAR THE MIDWEST FEDERATION CONVENTION WILL BE HELD JUNE 12-15 IN SOUTH DAKOTA, HEADQUARTERS IN MURDO (ON INTERSTATE 90) AND HOSTED BY SEVERAL OF THE SMALL CLUBS OF SOUTH DAKOTA.

Is the material to be found just that which appeals to one interest, such as cutting material for lapidary? No, rather there will be collecting of fossils, e.g. cephalopods, silicified corals, etc.; minerals (garnets, feldspar, mica, spodumene, and other pegmatite minerals): as well as agates, jasper, petrified wood, chalcedony and maybe, if you're lucky...FAIRBURNS!!!

Also planned are Silent Auctions (please bring a specimen), swap sessions, etc.

Anything else to do in the vacation line while you're out there? There sure is--would you believe Indians? Mount Rushmore, the Badlands, the famous Corn Palace at Mitchell, fishing where chosen by two Presidents: Collidge and Eisenhower, Deadwood and the West, with a capital "W".

Come join the fun available only in the Midwest and then only every third year. See you there!

(Cal George)

("Escone")

CALVIN SO PLEASED THEY'D LIKE A REPEAT

A recent letter from Prof. Clarence Menninga of Calvin College expresses renewed thanks for the rocks, minerals and fossils which we gave this fall to the newly established earth science courses at the college. Some of our materials are on display in the front hall of their new science building, the professor notes, and many others are being used in classes, illustrating ideas in class lecture and discussion, and as samples for study in laboratory exercises. His letter continues:

"If you should wish to do so, we would be pleased if more mineral samples were donated to us. I would like more for use in our laboratory study, for students to handle and test and learn to identify. Mineral samples could be of any type and from any locality. We'd like all that you'd like to give us."

On March 5, Professor Alan E.M. Nairn, a geophysicist from Case Western Reserve University, Cleveland, Ohio, will be visiting Calvin. At 8 p.m. that evening, in room 139 of the Knollcrest Science building, he will present a public lecture on "Causes of Ice Ages". Everyone who is interested is invited to attend.

(Editors Note: This is certainly one of our best projects, so let's not let Calvin down. Bring mineral specimens (they need not be large) to the March meeting--all you can spare. Then perhaps next fall we can have another in-gathering of material from our summer collecting trips.)

R O Z E M A ' S R O C K P I L E

776 Leonard NE (at Eastern)
Grand Rapids, Mich. 49503

Phone 454-1010

Hours: Mon. Wed. Sat. 9 to 5 Tues. Thurs. Friday 9 to 9

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"GRAND RAPIDS' OLDEST COMPLETE ROCK SHOP"

SPECIAL NOTICE

ALL ITEMS LISTED IN THE ADVERTISEMENT BELOW ARE ON SPECIAL SALE FOR MEMBERS OF THE GRAND RAPIDS MINERAL SOCIETY. SINCE THIS IS A SPECIAL SALE WITH TERRIFICALLY LOWERED PRICES WE MUST INSIST THAT THIS AD BE MENTIONED WHEN MAKING A PURCHASE. ALL PRICES ARE SUBJECT TO CHANGE WITHOUT ADVANCE NOTICE. THANKS, BEAUTYCRAFT SALES COMPANY

Table listing various items such as KRIST L KLEAR CASTING RESIN, ROCKHOUND PLACQUE, DOPPING WAX, SLAB RACKS, ROSS EPOXY CEMENT, ROCK PICK, GEM SCOOP, SPORTSMAN AXE, CONGO DIA. BLADE, COPPER CORUNDUM BLADES, DELUXE COMBO, SLAB SAW, GEM MAKING UNIT, PROPANE TORCH KIT, ROCKHOUND CAMP STOVE, LARGE CAMP STOVE, BELT SANDER, FIRE EXTINGUISHER, DRILL STAND, DIAMOND POWDER, SILVERSMITH GRINDER, ROCK HOLDING VISE, and SLAB SAW (COMPLETE). Each item includes a regular price and a sale price.

HERE IS A SPECIAL OF ALL SPECIAL'S FOR ALL ROCKHOUDS WHO OWN PICKUP TRUCKS. WE HAVE DELUXE AIR HORNS THAT ARE COMPLETE WITH COMPRESSOR AND TANK. NORMAL SELLING PRICE OF THIS ITEM IS \$55.00. FOR A SHORT LIMITED TIME WE CAN SELL THESE AS AN INTRODUCTORY OFFER FOR ONLY \$29.95 a set

NOTE::: ALL PRICES OFFERED IN OUR ADS. ARE NET PRICES.. NO DISCOUNTS..

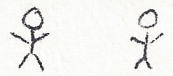
Table with 2 columns: Item Name and Price. Items include BROWN GOLDSTONE, BLUE GOLDSTONE, BLACK GOLDSTONE, and LAGUNA AGATE. Prices are listed in lb. and ct.

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Phil + George

SALE! SALE! SALE

YES FRIENDS AND FELLOW ROCKHOUDS, HERE'S MORE OF THAT SPECIAL SALE & LOWER THAN EVER PRICES MENTIONED IN OUR OR OTHER ADVERTISEMENT.

	REGULAR PRICE	SALE
MEXICAN MATRIX OPAL, MINE RUN NOT GRADED.....	\$3.00 lb	\$2.00 lb.
MEXICAN BANDED CHERT, A REAL POPULAR ITEM.....	1.50 lb.	.75 "
MEXICAN ONYX SLABS, ABOUT 3/4" THICK.....	1.00 "	.50 "
SAGENITE AGATE, NEW MEXICO, GOOD TO FINE GRADE....	.80 "	.40 "
OHIO PICTURE FLINT, VERY HARD AND SOLID.....	2.00 "	1.00 "
INDIA BLOODSTONE JASPER, TOP QUALITY.....	.90 "	.60 "
AMAZONITE, AFRICA, NICE COLOR, SUPERB POLISHING...	1.90 "	.95 "
SERPENTINE WITH A JADE LIKE APPEARANCE.....	.80 "	.40 "
COCONUT NODULES, MEXICO, SOME HOLLOW, SOME SOLID..	.65 "	.45 "
VIRGINIA UNIKITE, BEST GRADE AVAILABLE.....	1.10 "	1.10 "
MAHOGANY OBSIDIAN, NONE BETTER IN THE U.S.A.....	.80 "	.40 "
GREEN MOSS AGATE, INDIA HAS A REAL WINNER ON THIS.	.90 "	.60 "
PEACOCK OBSIDIAN, GAURANTEED TO BE THE BEST.....	1.00 "	.65 "
COLORFUL CULLET, ORANGE'S WITH REDS AND ETC.....	1.20 "	.60 "
TURITILLA AGATE, VERY HARD & TAKES A HIGH GLOSS...	.70 "	.35 "
DEVIL'S HEAD OBSIDIAN, IDEAL FOR THE TUMBLER.....	.30 "	.20 "
MARY ELLEN JASPER, TOP QUALITY & SWIRLY MATERIAL..	.80 "	.40 "
HICKORITE FROM MEXICO, VERY VERY COLORFUL.....	.80 "	.40 "
BRAZILIAN CARNELIAN AGATE, #1 GRADE, EVER POPULAR.	1.00 "	.50 "
LILAC AMETHYST, SOME FACETABLE MATERIAL IN THIS...	2.70 "	1.35 "
BRAZILIAN RED JASPER, SOLID COLOR WITHOUT PITS....	.70 "	.35 "
IDAHO PICTURE ROCK. EXCELLENT TABLE TOP MATERIAL..	.80 "	.40 "
REGALITE, OFTEN CALLED UTAH JADE, NICE GREEN COLOR	.80 "	.40 "
AMETHYST, NICE COLOR BUT FOR TUMBLING ONLY.....	1.20 "	.60 "

***** WE STOCK ALMOST ALL MAJOR BRANDS OF MACHINERY ALL TOP QUALITY. COME IN AND WE WILL MAKE YOU THE DEAL OF A LIFETIME ON ANYTHING IN THE SHOP. *****

***** INTERESTED IN A PICKUP CAMPER. WE HAVE CONTACTS WITH MANUFACTURE'S OF ALL TYPES OF PICKUP CAMPERS AND WILL SAVE YOU MONEY ON YOUR PURCHASE. REMEMBER THAT CAMPING AND ROCKHOUDING GO HAND IN HAND. *****

20" VIBRATING LAP POLISHER, REGULAR \$139.95.....	\$118.95	each
15" " " " , REGULAR \$ 92.95.....	79.00	"
12" " " " , REGULAR \$ 68.95.....	58.50	"
DELUXE 10" SAW, BEST AVAILABLE, REGULAR \$144.95.....	123.20	"
6 lb. TUMBLER, STANDARD MODEL, REGULAR \$26.95.....	22.90	"
12 lb. TUMBLER, SAME AS ABOVE, REGULAR \$32.95.....	28.50	"
8" SPLASH PANS, HEAVY CONSTRUCTION, REG. \$9.75.....	8.75	"
3 lb. GEM POLISHER, REGULAR \$9.95.....	8.95	"
6 lb. " " , REGULAR \$14.95.....	13.45	"

***** OUR THANKS TO OUR MANY FRIENDS IN THE GRAND RAPIDS MINERAL SOCIETY WHO HAVE HELPED TO MAKE OUR BUSINESS A SUCESSFULL BUSINESS. *****

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OUR THEME WILL BE

"HOORING THE RAPIDS"

March 2 - March 30,
1969

GRAND RAPIDS MINERAL SOCIETY
THIRTY ANNUAL GEM & MINERAL SHOW

G. R. Public Museum

Again the members of the Grand Rapids Mineral Society have an opportunity to show the community what 'rock hounds' do. We can share with others our knowledge and our prized possessions, and at the same time interest others in our hobby.

There will be room for a single piece or a complete display. You name it and the Gem & Mineral Society will list it into the show. ENTER NOW so we can plan the space.

NAME _____ PHONE _____

ADDRESS _____

Type of Exhibit: Mineral () Lapidary () Fossil ()

Geological Society () Educational ()

Space Requirements _____

I will bring a neighborhood display ()

Demstrate Yours! Save \$50. () Be host or hostess for a Sat. or Sun. ()

Bring Cookies 1 Sat. 1 Sun. ()

Fill in this blank as soon as possible and give, or send to

Miss Marion Johnson
Illinois Apartments
Apt. No. 101
505 Cherry St. S.E.
Grand Rapids, Mich. 49502
Phone 452-8829
Caledonia, Mich. 49316
Phone 71-8024

Remember that the show committees will not be able to insure exhibits this year. If you are displaying something which you feel must be insured you should arrange for this yourself. All display cases at the show are locked, but especially valuable items should be in the wall cases.