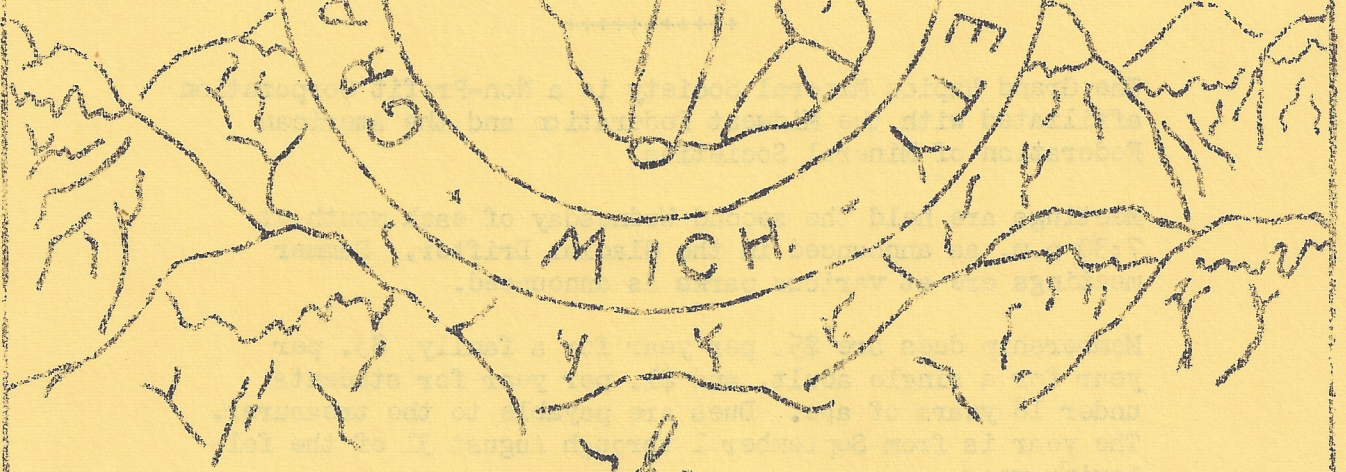
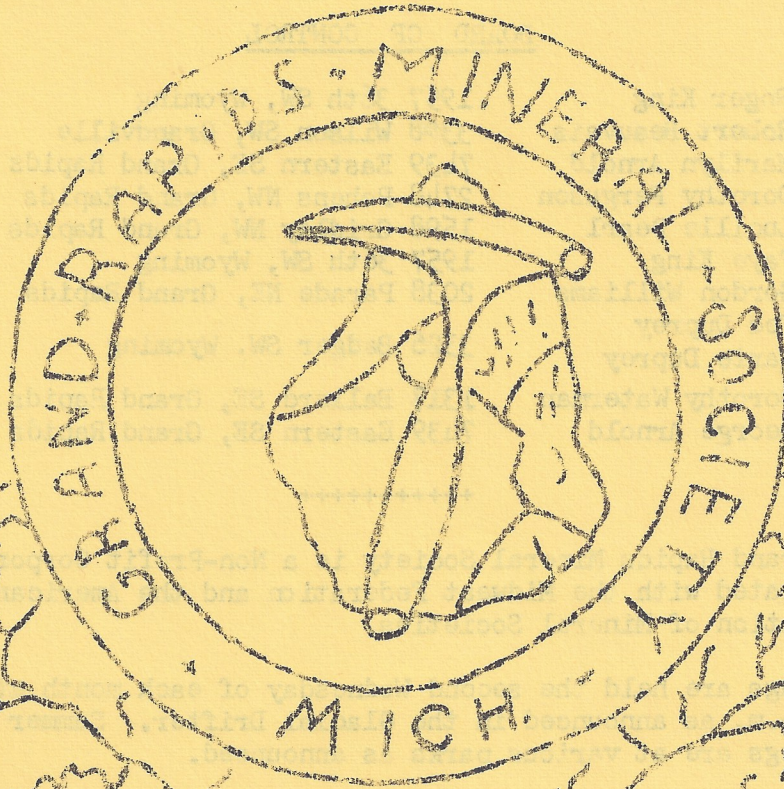
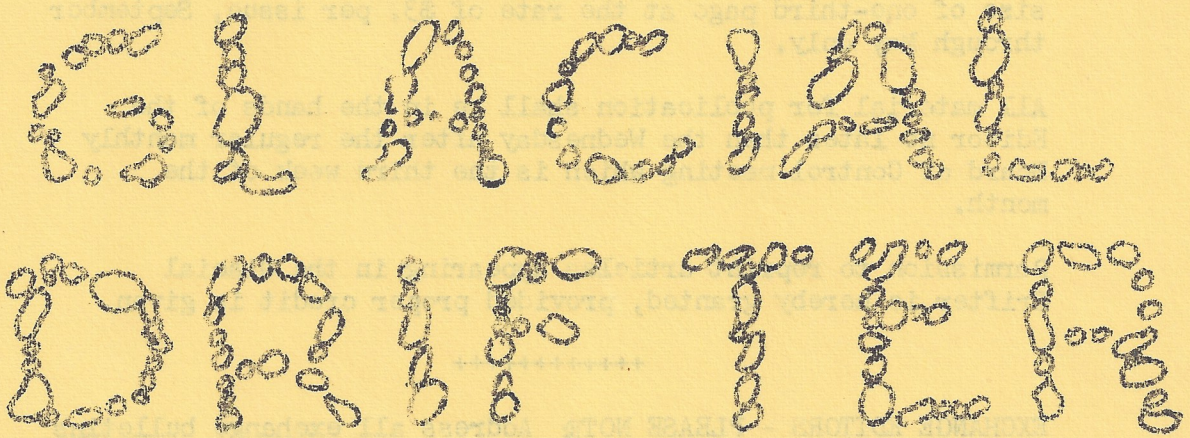


APRIL 1972

April 1972



The



BOARD OF CONTROL

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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 p.m. as announced in the Glacial Drifter. Summer meetings are at various parks as announced.

Membership dues are \$5. per year for a family, \$3. per year for a single adult, and \$1. per year for students under 18 years of age. Dues are payable to the treasurer. The year is from September 1 through August 31 of the following year.

Advertising in the Glacial Drifter is limited to a uniform size of one-third page at the rate of \$3. per issue, September through May only.

All material for publication shall be in the hands of the Editor no later than the Wednesday after the regular monthly Board of Control meeting which is the third week of the month.

Permission to reprint articles appearing in the Glacial Drifter is hereby granted, provided proper credit is given.

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EXCHANGE EDITORS - PLEASE NOTE: Address all exchange bulletins to: Mr. Gordon Williams
2038 Parade NW
Grand Rapids, Michigan 49505

THE GLACIAL DRIFTER

VOLUME 14

NO. 8

APRIL

1972

APRIL MEETING

Place: East Building, Grand Rapids Public Museum

Time: 7:30 P.M., Wednesday, April 12

Program: "Birthstones" by Jim Frans. Jim is one of our new members and comes from Holland, Mich.

G.R.M.S. CALENDAR

- April 17 - Board of Control at the home of Roger King
- April 26 - Mineral Study Group at the home of Lucile Pearl
- May 10 - Regular Meeting of G.R.M.S. Program: "Copper Country" - MWF slide program - Election of Officers
- May 15 - May Board of Control Meeting
- May 24 - Mineral Study Group

COMING SHOWS

- April 14, 15, 16 - Grand Haven Show
- April 14, 15, 16 - Michigan Gem & Mineral Show, National Guard Armory, 100 Armory Ct., Jackson, Mich.
- May 6-7 - Wabash Valley Gem & Mineral Show, Tippecanoe County County Fairgrounds, Lafayette, Ind.
- May 12-14 - Rockfest 72 - Central Canadian Federation Show Conestoga College, Kitchener, Ontario
- May 20, 21 - Cuyahoga County Gem & Mineral Show Cuyahoga County Fairgrounds, Eastland Rd. Berea, Ohio
- May 20, 21 - "Wonderland of Gems" - Kalamazoo Geological & Mineral Society Show, Fairgrounds County Center Bldg., Kalamazoo, Mich.

(we have a few flyers on some of the above listed and they will be available for those interested at the April meeting)

FROM THE EDITOR'S ROCK ROOM

The 1972 show is now history, and each member has his own assessment of it. For myself, I have to rate it the best since we have been in G.R.M.S. The quality of workmanship, craftsmanship and display techniques were the best we have ever displayed.

It is indeed gratifying to see our membership become more adept at telling others of our hobby... . and while on the subject of hobbies, Lansing Gilbert of the Barry County Club sent along this little mimeo print entitled "Twenty Reasons for Getting Interested in Rock Lore." It was written by Mr. Gilbert.

TWENTY REASONS

To those who seek expanded horizons for the enjoyment of living, the following list gives some of the reasons why they should look into Rock Lore Activities.

- 1. Rock interests give a new dimension to outdoor activities.
- 2. Rock hunting is filled with endless surprises.
- 3. You can go anywhere in the world and find something to enjoy.
- 4. Rock hobbies are a four season adventure with both indoor and outdoor aspects.
- 5. Rock knowledge is basic for many sciences.
- 6. You can pick a level of activity to fit your abilities and talents from collecting pretty pebbles to advanced technical studies.
- 7. Earth history philosophy underlies the most serious and challenging social and religious movements.
- 8. Rock hounds are everywhere -- attending shows and tours are wonderful travel objectives.

- 9. Many creative arts can be pursued by rock fanciers - pebble mosaics, polished gems, rock fireplaces are but samples.
- 10. Rock collections easily combine with garden and landscape interests.
- 11. Rock skills open the door to profitable side line businesses.
- 12. Photographers find new dimensions of interest in photographing rock specimens, formations or club adventures.
- 13. Writers find many subjects to challenge their prose and poetry.
- 14. It is a wonderful field to explore with children.
- 15. As a family interest it appeals to all ages from toddlers to grandpa.
- 16. Rock subjects are very adaptable to making creative displays challenging the mechanical and artistic talents of many.
- 17. Rock knowledge can open the door to a career in geology or the mineral industries.
- 18. Rock interests can be enjoyed by people of any economic level.

April will find our members who flee to warmer climates starting their treks back to Michigan, and some of the rest of us getting restless to be on the move again. However, I'm writing this bit on April 1, and it is snowing! It does seem a little incongruous right this moment to think of field trips. Oh well! This too will pass.

In another part of the Drifter is more about Ishpeming and the MWF Convention. Hope this will prompt us to action.

THINK ISHPEMING - - - - - July 20 - 24, 1972

FROM THE PRESIDENT'S ROCK ROOM

This month I would like to go back over the articles I have written in the last six months, and tell you just what each trip cost. Those of you who would like to go on similar trips can then get an idea of what it would cost you.

At this point I would like to tell you that on all the overnight trips we have taken (except for the trip I took to the U.P. by myself, written in the November Drifter), we stayed in motels and ate in restaurants. This is the most expensive way to travel, but I think it is the most convenient.

The car I drive is a 1970 Chevy wagon. It has the largest motor Chevy makes and gets an average of $13\frac{1}{2}$ miles per gallon of premium gas. So this will give you a good comparison for your own car.

In the October Drifter, I told about a trip to Keokuk, Iowa. This was a joint trip with Sandy Peole and her children. We each paid for our own food, so all I can tell you is what I spend for my family. The gas was split between us. This trip cost a total of \$65. I also went to Keokuk in July for a 3 day trip that I did not write about, because I did not wish to bore you with another trip to the same location. This trip we took with friends of ours and the gas was split as usual, and the cost was \$70.

The trip to the U.P. by myself, was the cheapest way I have ever traveled. I slept in my car and brought food from home. The cost was \$46, including the food.

Last December I told of my unsuccessful trip to Ohio. I spent only \$13. that time.

The trip to Amherstburg, Ontario, was reported in January. This was made with the Ferguson's and cost \$5.

In the February Drifter I reported on a trip to Missouri, Illinois and Indiana -- the cost \$96.

The trip to Herkimer, New York, the story of which appeared in the March issue, was made with Ted and Marie Duprey and cost \$90. Gas was split between us. The reason it cost more for this trip is that it is more expensive to travel in the east, at least I have found it so. Maybe some of you haven't. All of the prices that I have given you are the true prices, because I keep a total record of all the money that we spend when we travel. This does not include wages lost for the time taken from work.

I hope this will help you to decide where you can afford to go on a field trip this coming summer. As I finish this article, we are getting ready to head down to Tennessee for our spring visit with the family of my wife. After the long winter she is getting
(concluded on page 4)

FROM THE PRESIDENT'S ROCK ROOM (concluded)

very anxious to see her family. And I am very anxious to get down to good old FLUORITE COUNTRY. This will start our travels of 1972. Our next trip will be back to Keokuk in April for geode hunting. So all you rock hounds come on down there and meet us. We'd certainly enjoy showing you where to find them. After all, that's what rock hunting is all about.

+ + + + +

As I write this the show is in full swing. I would like to say it is one of the finest that we have ever had. I have to give a lot of credit to the originality of the displays this year, especially that of the quarry in the center. It looks so real that I had to hold myself back from jumping over the fence to start hammering. We also got a very nice compliment from Mr. Frankfurter who said it is the best show that he has ever seen. This should make all of us very proud. I certainly am.

At our March meeting Karl DeBack showed slides of some very fine specimens. These were from the Midwest Federation Show and the Lizzadro Museum. Our thanks for a good show, Karl.

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MORE FROM THE EDITOR'S ROCK ROOM.

Art Ferguson sent along the following as his observation of one part of the show:

"The table for the visually handicapped has been at least a moderate success. A man visited the display a while back and a group of children from Brookside School paid us a visit on the 23rd of March. The children were all given 4 specimens, a brach and small horn coral from Arkona, Ontario, a brach from Charlevoix, and a tumble polished pebble from Lake Superior. The older children read the braille and the others were told what the rocks were. Meanwhile the sighted children visited the cases around the room.

While watching the table, I enjoyed watching the people coming and going. Did you ever watch people? This is very interesting. All types, sizes and shapes passed our way. One very obese type (about 350 lbs, I would guess), and a small lost boy, an older man sniping butts out of the ash trays, tiny babies, small tots in backpacks, strollers, etc., people in serapes, fringed jackets, some with peace symbols and flags on their clothing. This is the passing parade every day at the museum. You can hear several languages as the bilingual go by. Next time you have a chance, take a few minutes and enjoy the people parade."

In March, we were happy to welcome the following visitors to our meeting: Mr. & Mrs. Charles E. Jacobs, Mr. & Mrs. James L. Kolkman, Daane Wilson, Larry Lemanski, Doug Shoemaker, Jerome Post.

It seems incredible that another year is nearly over, and that there will be only one more full issue of the Drifter. As you know, we run only announcements during the summer months.

"THE MIRACLE WORLD OF MINERALS"

The 1972 edition of the annual Rock Show of the Grand Rapids Mineral Society is now history. In this semi-final article we hope to recognize a few of the many who went "above and beyond the call of duty" to make this year's show a success. Since we do not as yet have the final facts and figures we hope to include those in the final "wrap-up" next month. If you were involved with the show in any way, look for your name in next month's Drifter. We will have the exhibitors ribbons at the meeting on April 12.

First we would like to thank Bob and Ruth Beauvais for the many hours spent in planning, obtaining specimens, and putting in the club display on minerals. Those of you, and this includes most of you, who have displayed even in one of the smaller cases realize the tremendous amount of time spent in filling four large cases in addition to working with the Van Vuren's on a street window, and publishing the Drifter as usual. We know that Ruth spent at least one sleepless night making plans and that Bob's sleep was disturbed a number of times that night. (It was all because of a headache for which the cure was a new pill which kept me awake but left my mind very clear. Every time a new idea occurred to me, I had to wake Bob and give him the good news! You may ask him for his version of that night, if you like. - R.B.)

Mrs. Terry Viele did a tremendous job with the publicity. I've lost count of how many separate items appeared in the Grand Rapids Press, but in one Sunday Press alone there were no less than five announcements! And then there were articles in the suburban papers, announcements on radio, and coverage on at least two TV newscasts. An unexpected bonus was two TV interviews. This publicity not only helped the attendance at the show, but very noticeably at our Sunday afternoon programs. Program Chairman, June Smith, did a fine job selecting programs and presenting them.

Fourteen year old Dan Miller and nine year old Don Zandee gave a very good performance on TV. I'm sure their parents were very proud of them. In addition Don loaned some of his clothes for the center display, and with brother Jim^{III} was a host and displayed some of his "goodies" in the field trip display. Dan, with sister Joan and brother Paul worked on the central display, were hosts and hostess, demonstrators, and displayed in the field trip display. With active youngsters like this in the club it bodes well for the future.

Art Ferguson, in addition to suggesting that we have a display for the visually handicapped drew up the specs for the case, planned, obtained the specimens for, and arranged this display.

The museum personnel were most helpful and cooperative. They made the case for the visually handicapped following Art's specifications. When we asked for the case for fluorescent minerals, they got it out of storage, repaired it, and put drapes on it. Ardath

(concluded on page 6)

"THE MIRACLE WORLD OF MINERALS" (concluded)

Allen, who is in charge of temporary exhibits, and Ann Frazer, who is in charge of street windows, were helpful as always. Mr. Frankforter, Museum Director, was helpful in every way and presented one of our Sunday programs.

Our general assistants, Jim and Em Van Vuren, were invaluable on our "set-up" dates with their help and advice. Several times we called on Em to help with the telephoning, which she always did very willingly.

Joan Miller, chairman of the central display, spent a great deal of time planning, telephoning members for rocks and working on the display with her brothers and Bob Bushewitz and John Schippers of the museum staff. Bob and John worked about five days making this simulated limestone quarry from chicken wire, burlap sacks and paint, with a L-wheeled cart tipped on its side as the underlying framework. Milda Purins of the museum prepared the mannekins. We received many compliments on this display from members and other visitors. Congratulations on a difficult job well done.

On the day he was to demonstrate silversmithing, Karl De Back called us and asked what time he could get in the museum as he would like about an hour to get set up. Usually we get in about 15 minutes before the opening time of 2 p.m. We made a few phone calls to see who would be on duty that day and then Frank Burtt offered to come down at 1 p.m. although he wasn't even on duty that day.

Ted Duprey did a great job with the fluorescent display in spite of the fact of the "black light" being long wave only; as you know, it is much more difficult to find specimens which will fluoresce under long wave than short wave.

School Publicity Chairman, Marguerite Petersen, placed an article about our show in "Contact", of which she is editor and which goes to 8500 public school teachers in 5 counties. (We will have copies for all who wish them at the next meeting.) She also sent notices to 76 non-public schools, plus the colleges and rock shops of this area.

The demonstrations, as usual, attracted much interest. Our thanks to Henry Tchozeski for setting up this program.

Although she was ill and unable to attend during most of the show, Marilyn Arnold arranged for hosts and hostesses each week end, and we thank all who helped.

We could go on and on. Perhaps we shouldn't have started but we did want to recognize at least some of those who put forth special effort to make the show a success. But next month everyone will at least be mentioned.

-Rich Van Beek

"WELL, I LIKE TO COLLECT"

Remember those slips you filled out? Well, here is where you might find some of our members from time to time:

Faye King: wants to find lead and want to know where. (There goes your fluorite, Roger)

Karl DeBack: has a thing about opal and will collect any place he can find it.

Jim Van Vuren: Brown County, Indiana, and the geodes beware. Here comes Jim.

Bob Beauvais: tourmaline and the Upper Peninsula call the loudest.

Ted Duprey: Those Herkimer diamonds from Middleville, New York, sing Ted's siren song.

Joan Miller: goes after fern fossils in the Dresden Lakes area.

Paul Wondolowski: Anywhere in Ohio, Michigan and Indiana that produces trilobites, crinoids, brachiopods and other fossils.

Mrs. Arnold Wendt, Sr.: Likes Charlevoix and Petoskey stones are favorites.

Rich Van Beek: Grand Ledge, Sylvania and Brown County for fish fossils, trilobites, leaves and geodes keep Rich on the move.

Marv Mulder: says he "likes 'em all" in U. S. and Canada. (Now I'm not sure how safe a statement that is to make. And from the safety chairman yet.)

Nellie Mead: it's off to Terre Haute for fern fossils that puts a smile on the face.

Marion Jennings: Tourmaline from Maine and rubies from North Carolina are Marion's favorites.

Lucile Pearl: small crystal formations and small mineral specimens from any place they can be found.

Paul Miller: gold ore from Dresden Lake, Ill., takes Paul's fancy.

Sena Doornbos: Iowa and geodes - what more could one ask?

Ruth Frans: says look in the Grand River valley for beautiful conglomerates.

Helen Slavinkas: sharks teeth from Sulphur River, Texas, are her favorites.

Edith Reed: loves fluorite, but didn't say where.

(concluded on page 8)

MY FAVORITE PLACE....(concluded)

Fay Reed: Oregon thundereggs. By golly! They are beautiful.

Roger King: Fluorite. Keokuk. Don't say you weren't warned, Rog. If you've read this far you know there is lead in your future.

..... and the president is a good place to stop.

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Our sympathy is extended to Marguerite Petersen and her sister, Della Ruble, of Keokuk, Iowa. Mr. Oscar Ruble passed away last week end. A number of our members knew the Rubles from several trips made to the Keokuk area, and the warmest welcome was always extended to all who visited there from Oscar and Della.

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Rich Van Beek has three cigar boxes of fossils with no identification. These somehow became mixed with his material on set-up day. Do you know whose they are?

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IN TODAY'S MAIL. . .came this interesting ad for a new book: "A Guide to Mineral Collecting in Ouray, Colorado."

"The first comprehensive guide to the mineralogy of the historic mining town of Ouray, Colorado. Written in understandable languagefolding map with directions to 75 collecting sites. . . ."

The book is available at \$2 per copy which includes postage, handling and New Jersey sales tax, from Ervan F. Fershner, 5 Colt Street, Paterson, New Jersey 07505.

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LAPIDARY HELPS

I often compare the use of a diamond saw to that of a carpenter's handsaw. A good carpenter starts his cut slowly, using short easy strokes until the line of the cut is established. Then he increases the length of his strokes using practically the full length of the blade. An amateur bears down on the saw so it will cut faster, but the carpenter swings it easily back and forth with little more pressure than that provided by the weight of the saw. An amateur's cut will show gouges where the pressure has forced the saw off the line and a splintered edge where the saw broke through, while the carpenter's cut will be smoothly sawn with little or no splintering.

-Via "Black Hills Prospector"

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There is a line on the Pacific Ocean where by crossing it you can lose a day. There is one on the highway where you can do even better.

REPORT OF THE NOMINATING COMMITTEE

PRESIDENT - Robert Beauvais

VICE PRESIDENT - Richard Van Beek
Arnold Wendt, Jr. (Bob)

SECRETARY - Mrs. Marilyn Arnold
Mrs. Nellie Mead

TREASURER - Mrs. Dorothy Ferguson

HISTORIAN - Mrs. Arlene Mulder
Mrs. Sandy Feole

LIAISON OFFICER - Mrs. Faye King

EDITOR - Mr. Gordon Williams

BOARD MEMBERS - Karl DeBack
(vote for
four) Marvin Mulder
Reginald Vos
Mrs. Ruth Potter
Ernest Potter
Mrs. Lucile Pearl
James Frans

We are looking for a volunteer to take over the editor's duties. If interested, please contact George or Jim. (see below)

Additional nominations may be made from the floor in April; also, nominations of members for office as write-in candidates may be made from the floor at the May meeting before ballots are cast. Consent to be nominated must be obtained from any prospective nominee before his or her name is offered in nomination.

-George Arnold 698-8856

-James VanVuren 538-0826

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CLEANING MINERALS

-by Rocky Murchison

Quartz can be cleaned--if it can be cleaned at all--of the iron stains which are usually the chief offenders and are sometimes under the surface and cannot be touched, by oxalic acid. Ask your druggist how to get this, or a chemist. This also covers agate and chalcedony, of course. Muriatic acid will clean copper, but after a while it will revert. Great care must be taken when handling any of these things....I have used hydrochloric acid on copper--10% or some just a bit stronger--but it does not last very long. By the way, all specimens but the fragile ones and the water-soluble ones can be scrubbed in warm water and Tide, and should be. Even the fragile ones can be dunked carefully....and must be allowed to dry thoroughly before handling. ---RMF News

FIELD TRIPPING

-by Rich Van Beek,
Field Trip Chairman

Our first outdoor field trip in 1972 will be on Saturday, April 15, to the "Mazon Creek" area, southwest of Chicago. Plant and animal bearing concretions are found here. Best known are the fern fossils. This entire area is now known as the Mazon Creek Area because it was here that these concretions were first found although most of the collecting is now done on the spoil banks of the strip coal mines.

We will meet at Dresden Lakes between 10 and 11 a.m. Camping is available here. There is also a refreshment stand as this is a resort area.

There is a collecting fee here: Adults-\$1; ages 8-12-75¢; under 8-free. 'Taint fair--since the kids always find more and better specimens than adults, it is only fair that the adults should get the reduced rates. It is axiomatic that one's luck at rock-hunting is inversely proportional to his age. These are last year's rates. We hope to have up-to-date info at the meeting on April 12. We should qualify for the group rate which is 25% less.

Later we will go to the Peabody Coal Company's Northern Mine in Illinois, south of Braidwood. Animal fossils are to be found in the concretions here.

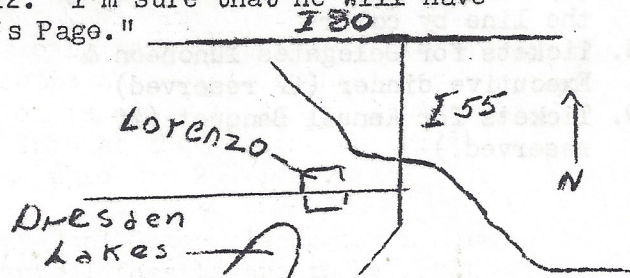
We suggest that you take the Indiana Toll Road which is Interstate 80 and 90. Leave the toll road at Exit 4 and continue on Interstate 80 which also separates itself from the toll road at this point. Follow 80 past Joliet to Interstate 55 and go south. See the map for further directions.

At Dresden Lakes we will give directions to get to Braidwood, or we may go as a group as we did last year.

We had a rather extensive article on the Mazon Creek fossils in the September 1971 issue of the Drifter. For more info refer to that article. Oh, you don't save your Drifters? Shame on you! (Don't look at the article on page 4 though--I wouldn't want you to think I'm lazy.)

Roger and Faye King are planning a field trip to Keokuk, Iowa, for the following weekend, April 22. I'm sure that he will have details on this on "The President's Page."

Dresden Lakes are about
4 miles west of I55
on Lorenzo Rd.



MWF FIELD TRIP INFORMATION - ISHPEMING, MICH. July 20-24, 1972
 IMPORTANT: HARD HATS AND SAFETY GLASSES REQUIRED -
 & STURDY SHOES RECOMMENDED

MEETINGS:

HOLIDAY INN-MARQUETTE
 9:30 a.m.-12 noon
 1:30 - 3:30 p.m.
 Friday - July 21
 DELEGATE'S LUNCHEON
 HOLIDAY INN-MARQUETTE
 12 - 1:30 p.m.

EDITORS' BREAKFAST & MEETING
 7 - 9 a.m.

SILENT AUCTION
 NATIONAL GUARD ARMORY
 FRIDAY 7-9 p.m.
 July 21
 All registrants are
 asked to bring a specimen
 for this event

STATE DIRECTORS MEETING
 THE MATHER INN-ISHPEMING
 Thursday, July 20

EXECUTIVE BOARD DINNER
 THE MATHER INN-ISHPEMING
 5:45 p.m.-7 p.m. July 20

MICRO MOUNT SYMPOSIUM
 NATIONAL GUARD ARMORY
 Friday - 7-9 p.m.
 July 21

EXECUTIVE BOARD MEETING
 THE MATHER INN
 ISHPEMING
 7:30-10 p.m. July 20

CHECK IN INFORMATION

Times: Wed. July 19 12 noon-9 p.m.
 Thurs. July 20 9 a.m.-9 p.m.
 Fri. July 21 8 a.m.-9 p.m.

NO CHECK IN BOOTHS OPEN ON DAYS OF

FIELD TRIPS

PLACE: ISHPEMING ARMORY HWY 41 ISH-
 PEHING

YOU WILL RECEIVE A PACKET CONTAINING:

1. A brochure
2. An identification tag for each one registered -- numbered
 THIS WILL BE YOUR FIELD TRIP NUMBER. THIS WILL BE YOUR FREE PASS TO OUR SHOW.
3. Shuttlebus information
4. Camping information
5. U.P. literature
6. Reservation for box lunches-if reserved you pay for these lunches. When lunches are received, prices will be attached
7. COLOR CODED TICKETS FOR:
 - (a) Pancake breakfast-delegates, officers, dealers, and editors to be scheduled through the line early
 - (b) All others--beginning about 8 a.m. and according to time and colored tickets
 - (c) Let us know if you need early consideration
 - (d) Bar-B-Q will be scheduled through the line by color
8. Tickets for Delegates luncheon & Executive dinner (if reserved)
9. Tickets for Annual Banquet (if reserved.)

MISCELLANEOUS INFORMATION

1. Bring tagged bags - drayage service will be offered. For each stop, an extra truck per Field Trip Group is planned.
2. Bring labeled specimen for Silent Auction
3. Plan on attending the Rock Swap on Monday, July 24
4. Bring fly dope and rain gear.
5. Let us know which motel has your reservation. This will determine your Field Trip number
6. You'll need hammers, chisels, a magnet, magnifying glass, and please don't forget HARD HATS, SAFETY GOGGLES, STURDY SHOES, AND SENSIBLE CLOTHING!
7. A limited amount of Chicken Bar B Q will be available to those not registering for Field Trips, however, we must have advance reservations at \$2.50 each for adults and \$1.50 for children
8. If 3,000 registrations are reached, no additional pancake breakfasts will be available. Standby reservations will be taken in case 3,000 is not reached.
9. PLEASE BE PATIENT. We are a small club and the amount of work going into this project is unbelievable. We'll do the best we can!

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