

T H E



J A S P I L I T E

Affiliated with the Midwest Federation
of Mineralogical and Geological Societies

1971 June

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of the

ISHPEMING ROCK AND MINERAL CLUB, INC.

Published quarterly

OFFICERS-1971

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1st Vice president	Charles Bemis	Gwinn
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DEADLINES: Jaspilite--March 1, June 1, Sept. 1, and Dec. 1.

MEMBERSHIP: The Ishpeming Rock and Mineral Club, Inc., is open to anyone interested in the "Earth Sciences".

Initiation Fee.....	\$1.50
Husband and wife annual dues....	\$3.00
Adult annual dues.....	\$2.00
Junior annual dues.....	\$1.00

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OUR PURPOSE

To enjoy, to learn, to teach and to conserve

The rocks, the gems, the fossils and ores.

To collect, to admire, to brag and to show

The material we've found we'll trade for yours.

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June 1971

Dear Club Members,

The summer is suddenly upon us and I realized we had made no firm plans for field trips so at our June board meeting we finalized the following plans for you to participate in with other club members:

Sunday, July 25 at 10 a.m. we will meet at Mt. Shasta Lodge near Michigamme to go to the OHIO and CHAMPION MINES under the leadership of Elmer Jarvi. Please call Elmer (486-4692) at least 1 week ahead of time. (Mamie says to let the phone ring many times)

During August, you have 2 choices of interesting activities: August 10 (date is tentative so call the Ishpeming Chamber of Commerce to be certain.) A FLEA MARKET type of hobby craft show and sale. The Chamber plans on setting up tables along the main street of Ishpeming for people to use in displaying and selling their wares. Call the Chamber office if you wish to show and sell.

August 21 & 22 ROCK SWAP by the Iron Co. Rock and Mineral Club at the Crystal Falls Township Hall, Jct. of U S 2 and 141, on the western end of Crystal Falls. Hours are 10 a.m. to 5 p.m. daily.

For September, our field trip will be to the GROVELAND MINE near Randville in Dickinson Co. I will be the leader. We will meet on Sunday, Sept. 12 at 10 a.m. at the turnoff to the Groveland Mine between M-95 and Felch. Anyone wishing to attend must contact me by telephone (346-5320) no later than 1 week before the trip because I must have the signature of each rockhound on a release form and sent it to the mine officials so they get it on Sept. 9. Also let me know if you are bringing your safety helmet and goggles with you. The company does have some to loan. Don Nelson and Bob Winston, mine superintendent and geologist have indicated that they will put some "goodies" from the pit in a special area for us.

I hope we can end the field trip season with a super trip to some area in October, either local or further away but we need a volunteer.

As your president, I hope that each and every one of you have a very successful summer; that you get that prize specimen you have been seeking; and that when we meet in the fall you will share your many wonderful experiences with us.

Your president,

Vernon Miljour

(You will note other trip possibilities in this bulletin. In addition you might stop at Markert's Rock Shop to look over the posters and flyers from throughout the midwest advertising what individual clubs are having--be they SHOWS, SWAPS, or FIELD TRIPS or you might look at Bob's copy of the MWF Directory for other listings.)

.....from the SECRETARY'S MINUTES

The club voted to hold all indoor club meetings at the Negaunee Town-Hall-- the only exception might be the Christmas dinner and party.

It was moved and approved that Vern Miljour be our delegate to the Midwest Federation Convention July 22-25, 1971 and that Christine Miljour and Arne Nelson be alternates. Vern Miljour was voted to be on the credentials committee at this convention and become our credentials chairman for the 1972 Midwest Federation Field Trip Convention.

Due to an oversight, only the treasurer's name has been listed at the bank for drawing checks. This has been changed to include the president's name so that should the treasurer be out of town for an extended period, current bills can be taken care of promptly.

*BADGES-- The club agreed on a badge with our club emblem carried *
*out in several colors so the mine shaft and Indian are in detail. *
*300 badges were ordered from a company in Chicago. Ernie Johnson, *
*membership chairman is in charge of selling the badges--cost \$1.00 *
*per badge. ONLY CLUB MEMBERS CAN BUY OR WEAR THE CLUB BADGE. *
*Ernie's address and telephone number can be found in the membership *
*list in this bulletin. Out of town members sending for a badge or *
*badges should include adequate postage. *

Since entering rock collecting sites is often dependent on wearing safety helmets and safety glasses, the board asked Bob Markert to check on the cost of safety helmets for our club members and the possibility of obtaining them from the one source so our members have identical helmets.

Second vice president, Ernie Johnson, has reviewed the guidelines for the membership chairman and suggested clarification of duties and procedures. The club approved his recommendations and moved that all officers review and clarify their duties. Further, that these be put in booklet form.

R.R. Anderson has asked for help in sorting and identifying the rocks from the A.B. Robert's bequest; this to be done in the evenings when C. R. Markert is available to supervise. When the task is completed the club members will be notified by letter or the next issue of the Jaspilite.

C. R. Markert, our chairman for the 1972 MWF Field Trip Convention distributed a tentative schedule which had been approved by the MWF executive board and explained the changes. He also reported on progress made on bus service, field trip sites, convention center facilities and costs, dealer arrangements, etc. A tentative registration fee was set. He said that the steering committee will begin regular meetings during the summer.

Numarous requests for rock collecting information have been received from out of state rockhounds. The secretary and/or the president replied to these requests with available literature and names of persons in the area to contact when they arrive.

....Secretary's minutes continued....

Favorable comments and compliments were heard on the prayer given by a junior member to open each club meeting. Also noted and admired were the table centerpieces and displays they provided.

A vote of appreciation was given Helen and Ernie Johnson for the fine publicity in the local papers on our club meetings.

	<u>Door prizes</u>	<u>Lunch</u>	<u>Centerpieces</u>
March	Brunngræbers	Marlene Brunngræber and Olive Sain	Mike Quayle (Easter season)
April	E. Johnsons	Helen Johnson and Theresa Bemis	Sheryl Johnson (Safety practices)
May	Kivelas and Hodgins	Frances Hodgins and Irene Lutas	Larry Poutanan (Memorial Day)

PROGRAMS:

March: A slide program (MWF) on the history of the early mining industry in the Keweenaw peninsula including a tour of the mines. Also of specimens of chlorastrolite, native copper and silver, and other gems and minerals. This made for a "cozy" and enjoyable indoor rock-hound trip. A display of copper, thomsonite, datolite, prehnite and epidote to complement the program was set up by club members under the direction of Pat Bemis.

April: A slide program (MWF) entitled "Field Trip to the Tri-State Area" featured collecting crystals from immense beds deep in the mines and caves of that area. Although the crystals were beautiful and abundant, the timid ones among us preferred such a field trip through this slide program; others would welcome a opportunity to collect in those mines. "Bragging" stones were displayed by members. One member was still excited and thrilled over a $\frac{1}{4}$ pound whole agate she found amid "icebergs" at Cedar Bay a few days before the meeting.

May: To prepare members for a field trip into mineral collecting areas, Ken Hodgins, Ray Anderson and Jarl Kivela demonstrated their metal detectors and explained how each operated. They said that it takes considerable practice to learn to operate one effectively. Following the indoor talk and out-of-doors demonstration, a slide program (MWF) featuring a portion of the rock, mineral and gem collection of the Lizzardo Museum was enjoyed by everyone. There was much "ohing" and "ahing" over the exquisite workmanship exhibited in the beautiful displays.

Did you know that you can help protect the collecting rights for all of the rock collectors in the United States? You can, by writing to your congressman and senators, letting them know that you favor multiple use of public lands.

If it weren't for sulphur, we could not have white sugar, white paper, rubber tires, writing ink, or beer.....Via- Loess Bulletin.

.....from the IR&MC CONSTITUTION.....

"The purposes of this club are:

- (a) To encourage a general interest in minerals and mineral collecting.
- (b) To encourage interest in various forms of lapidary work.
- (c) To educate members and the public in collecting and use of our mineral resources.
- (d) To keep a record of mineral collecting localities in this vicinity with a listing of the minerals found.
- (e) To encourage the search for minerals not previously recorded.
- (f) To encourage an interest in geology and the collecting of fossils, and recording the location where found."

Many of our club members have participated in the educational phase of our club's purposes by sharing what they know and what they have with others who show an interest. Our club meetings are open to the public making it possible for those seeking an indoor-outdoor hobby to visit at a meeting, ask questions and determine whether they might like some phase of the hobby well enough to seek membership.

Since the last issue of the Jaspilite, exhibits of rocks and minerals have been set up at a Gwinn school, the C.L. Phelps school, Republic, and one in Marquette. The reports have been most complimentary from both an educational and eye-appealing standpoint. Special thanks to both the loaners and those doing the displays.

The First National Bank in Marquette has made a covered table available for hobbyists to display collections, arts and crafts. During April and May, Adeline and Jim Hudson showed their beautiful cut and polished jewelry; the "Copper King" had his 1914 collection of copper and datolite; and a metal artcraft collection done by the "Van Hodgins" son and daughter-in-law. Each exhibit was on display for a week or more.

June 15, Edith Anderson and Olive Sain were on the program for the Girl Scout daycamp at Mshl Lake. They each set up their tables with local rocks and minerals and fossils to use in their talks to Units of 25 girls or more. Over 200 girls enjoyed the talks, handling the rocks, taking home a little bag of rough and polished beach stone and having a piece of rock jewelry to wear. Quite a few of the girls had started a collection of rocks or fossils and were eager to learn more. Perhaps this fall some of these scouts will visit our club and want to join our juniors.

Mr. Mullaly, one of our members from Garden City, has been very active in promoting the purposes of the club as you will note from the following excerpts taken from his March letter:

"I was called by a teacher's committee on resource management to give a talk on rocks and help them in finding resource people for Earth Science. This was held at the Maplewood School in Garden City. When I had finished my talk, I invited them to visit my home display to see what I had to offer for their use. The entire group of 21

.....club purposes.....continued.....

teachers followed me home, where I showed them the eight kits or boxes of materials they could take on loan (2 kits at a time) for a period of 2 weeks. At the end of that time I would come to the school and put on a fluorescent display for them. I have been to 2 schools since Feb. 1. Have been asked by the Tyler school of Livonia to set up a permanent exhibit as a memorial to a third grade teacher who was a rockhound.

Have just completed making a series of slides of fluorescent minerals both under ultra violet light and natural light, 84 slides to the set. Put on a slide show and display at the Roaming Club at Bentley High and at Howell for the Livingston Gem and Mineral Society. Also am booked for the Blue Water show at Port Huron May 1 and 2. I have made duplicates of my slides and display so as to have 3 complete sets. Have sent one out to the club at Murdo, South Dakota where the last field trip convention was held (a little publicity for the 1972 Midwest Field Trip Convention as the slides show the White Pine Calcites.). Another set was sent to the Reid Temples of Garden City, Kansas. Reid is president of the Rocky Mountain Federation. Both sets are to be returned the 1st or 2nd week of May.

If the IR&MC would like to view the slides at one of their meetings have your program chairman contact me to make arrangements."

Al Mullaly ---YOU ARE A DEDICATED ROCKHOUND!! You are an inspiring example to emulate!! We are proud to claim you as a member.

 GWINN MIDDLE SCHOOL...LAPIDARY CLASS

Vern and Chris Miljour contracted with the Board of Education, Gwinn Area Community Schools to be instructors for a 6 week lapidary class Feb. 9 to March 16, 1971. The classes met in the school Industrial Education shop for 45 minutes after school, one day a week. While this class was going on, many other enrichment classes were held. Nine boys and eight girls were given simple, basic instructions in knowledge of rocks and lapidary techniques. Vern donated pre-cut and partially tumbled kona dolomite and petoskey stones.

From Bob and Marian Markert's lapidary classes, Vern and Chris learned to limit the number of students to eight. Vern's first class in 1970 had 17 students and it was difficult to accomplish much. From experience we learned not to take home rocks to cut for students after having cut 15 rocks for just one boy. This runs into "fringe non-benefits".....by Christine Miljour.

 "Enthusiasm is what makes time seem to be marching on, instead of running out."

"Digging for facts is much better than jumping to conclusions."

--Via- Mich. Gem News

Rockin' Round



IR & MC

with Edith Anderson

We are glad to report that Marian Markert is feeling fine again. She and Bob had a nice vacation in the east; guess that was all she needed. They visited their two sons and spent some time in Mansfield, Ohio where the Midwest Show will be held. Mrs. Markert's mother accompanied them home from Detroit.

Mamie Jarvi has attended a couple rock club meetings in her wheelchair but we understand she can get around her home with the aid of a walker or crutches. We all hope that it won't be too much longer before she can get around under her own power.

We understand that thru the efforts of our long time member, Frank Matthews, the monument for the founding of iron ore will be moved to the city of Negaunee.

For a long time Frank Matthews has been building up a collection of antique iron artifacts which he has on display around his home on U.S. 41 near the County Airport, making his place a remarkable museum. Beautiful flowers bloom in beds throughout the grassy slopes and among the trees. A visit with Mr. Matthews will be time spent and one to remember as he tells you the history of mining in the area, and explains the history behind the many artifacts in his museum.

The Bernie Smiths spent their Easter vacation in Baton Rouge, La., with their daughter Linda Dupre and her husband.

Arnie Nelson is retiring from the Ishpeming School system and will be leaving the U.P. to live downstate at a lake near Clara. We wish him and Helen a happy future of rock hunting, traveling and most of all good health. We hope some of their travel will be to visit friends in this area.

.....'Rockin''Round continued.....

June brings graduation, confirmation and weddings. Best wishes and congratulations to all families celebrating any of these functions.

The E. Johnsons, R. Andersons and Olive Sain enjoyed being with the Flint Club on May 28 at the Republic Mine, Moses Gold Mine, and the Verde Antique pit. V. Miljour joined the group for the Saturday excursions.

Until proved otherwise, Olive and Laurence Sain opened the rock hunting season at Sedar Bay on April 16. The next week, the Nelsons and Andersons went with them to Sedar Bay.

TICKS are reported coming nearer to us in Marquette County so be prepared. In a former issue of the Jaspilite, it was recommended that powdered sulfur be used around neckline, waistline and ankles. McEasson Co. puts out a sulphur and cream of tartar lozengs. The price is 60¢ for 100. Three a day are sufficient; an excess amount might cause a reaction.

Jim and Fern White are here from California. They spent 6 weeks on the way in Wilson, Texas with their daughter-in-law who has had some serious surgery.

We extend our sincere sympathy to the Markert family in the loss of Bob's mother who passed away in April.

The Pat Bemis's are vacationing in the West. We understand that they will be doing some rockhunting especially in Oregon. Good luck!! We will be looking for another story for the Jaspilite on your 1971 adventures.

We hope our members are not among those littering our highways and collecting areas. We have seen some deplorable eyesores so far this year and dread to think what the end of the season will look like if more people don't change their ways. Friends---take a bag or box with you in your car and use it. There are many rubbish cans near roadside rest areas to accomodate you. HELP ELIMINATE LITTER, please.

We leave you now until September. While out collecting or visiting, keep your rock club in mind and gather helpful information to share with club members at our meetings. Tell of your adventures, new friends, new collecting areas or new additions to your collection. Also---don't forget to bring back a few extra rocks and minerals, etc to use for door prizes, auctions or the 1972 field trip rock swaps. GOOD LUCK and a SAFE and HAPPY summer to all of you.

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My wife got me an electric toothbrush for my birthday and it sure works swell. The bristles are getting a little worn but all our rocks and minerals are getting a fine polish. Watch for a listing stating which brand of toothpaste works best with what mineral.

...Via- Rock Ramblings

.....1971 VACATION OPPORTUNITIES.....

1. A Field Trip Special--Mrs. Nancy Shulze, editor of the Prospector, Muskegon Co. Rock and Mineral Assoc., announces a special 32 page edition of the PROSPECTOR with maps spotlighting possible rockhunting field trips in Michigan. For a copy, write to The Prospector, 3061 Eastland Rd., Muskegon, Mich. and enclose 50¢.

2. A field trip guide is available to MWF clubs "Field Tripping in Illowa Territory" from the Illowa Gem & Mineral Society, 1508 W. 38th St., Davenport, Iowa 52806. Cost is \$1.25 per copy.

3. Upon request, the state of Nevada will mail, free, booklets and information on rock hunting in that state. Write for "Nevada Rock-hunting" to the Reno News Bureau, Box 2109, Reno, Nevada 89505.

4. For anyone who hasn't done any hunting in Oregon, it might be well to get the Rockhounds Map of Oregon (75¢). Write to J. R. Rodgers, 6844 S.W. 33 Place, Portland, Oregon. This map gives the exact location, kind of rocks, tools needed, and roads in Oregon.

5. FIELD TRIP (July 11) Sandstone, Minn. For details contact Mr. Howard Mess, Hwy. 61, Danstone, Minnesota.

6. SHOW, SWAP & FIELD TRIPS (July 17,18) Moose Lake, Minnesota. For details contact Mr. Floyd Clark, 605 Birch, Moose Lake, Minn. 55767

7. SWAP (July 18) Neville Public Museum, Green Bay, Wis. For details contact Mrs. Marcell Silvers, 129 S. Jefferson, Green Bay, Wis. 54301.

*8. MIDWEST FED. CONVENTION AND SHOW (July 22-25) County Fair Grounds, Mansfield, Ohio.*****

*9. RANGE TRAIL--ALONG and SHOW (July 27-Aug. 1) Activities include caravan field trips Tues, Wed. and Thurs. to rock-hunting grounds within a 75 mile radius of headquarters in Hibbing. Tailgate trading and swap sessions will be provided. Registration for the trips is \$1.50 for 1, \$2.00 for families.

The Gem Show will be in the Hibbing Memorial Recreation Arena on Sat. and Sun. with displays and dealers.

Types of rocks to hunt for: quartz, agates, Mary Ellen jasper, Binghamite, Silkstone, Thomsonite, Hematite, Magnetite, Taconite, Ely greenstone, Goethite, Basalt, Gabbro. For further information write to Hibbing Chamber of Commerce, P.O. Box 727, Hibbing, Minn. 55746.

10. SHOW (July 31& Aug. 1) Lakeland Union High School Gym, Minocqua, Wis. Write to Mr. Milo Hein, Minocqua, Wis. 54548.

11. SWAP (Aug. 14) Grand Rapids, Mich. Write to Mr. John Watrous, 457 Mae-Thy St., S.E. Grand Rapids, Mich. 49508.

12. SHOW (Aug. 20-22) Alexander Gym, Appleton, Wis. Write to Mrs. Doris Menning, 57 Fox Point Dr., Appleton, Wis. 54911.

... GOD LEFT THE CHALLENGE IN THE EARTH ...

When God made the earth, He could have finished it, but He didn't. Instead He left it as raw material--to tease us, to tantalize us, to set us thinking and experimenting and risking and adventuring. Therein we find our supreme interest in living.

Have you ever noticed that small children in a nursery will ignore clever mechanical toys in order to build, with spools, and strings, and sticks, a world of their own imagination?

And so, with grown-ups, too. God gave us a world unfinished so that we might share in the joys and satisfactions of creation.

He left the aluminum in the clay. He left the electricity in the clouds. He left the rivers unbridged, the mountains untrailed, the diamonds uncut. He gave us the challenge of raw materials, not the satisfaction of perfect, finished things.

He left the poetry undreamed in order that man and women might not become bored, but engage in stimulating, exciting, creative activities that keep them thinking, working, experimenting, and experiencing all the joys and durable satisfactions of achievement.

So it is with all the world. There is no Shangri La where our every want can be supplied by wishing. There is no substance to the philosophy of "getting by".

There is nothing worthwhile to be gained by chance.

Work, thought, creation. These give life its stimulus, its real satisfaction, its intriguing value.

Progress comes, not by some magic word, and not by government edict; but from the thought, the toil, the tears, the triumphs of individuals who accept the challenge of raw material-- and, by the grace of God-given talents, produce results which satisfy the continuing needs of men everywhere. --Dr. Allan A. Stockdale. Via- Rock Talk.

.....HAPPINESS.....

Happiness is something you create in your mind.

Not something you search for but can't seem to find.

Or something that's purchased with silver or gold.

Its just waking up, and beginning each day,

By counting your blessings and kneeling to pray.

Its giving up wishing for things you have not.

And making the best of whatever you've got.

Its knowing that life is determined and planned.

And that God holds the world in the palm of His hand.

.....By Helen Nelson

"Happiness is not necessarily having all you want, but wanting what you have."

SAFETY

Summer is coming and a curious breed is beginning to emerge from basement workshops, pale of skin and blinking in the sunlight. He'll ram off on field trips, hiking, climbing hills and carrying loads he is not accustomed to hauling. Also, burning that winter-pale skin to a blistering lobster red.

Remember last spring's aches and pains and sunburns? Resolve now! Take precautions; make a few simple preparations (the kind you didn't have time for last year.)

Sharpen those chisels and grind off those ugly turned-over edges on the hammering end. They can blind you or rip into flesh like a spear.

Wedge on the loose hammer head!!!

Buy those safety glasses or that face shield you've been intending to get but didn't. Then use them!!!

Get that hard hat now! Many clubs are starting to require hard hats on their field trips. Hopefully everyone is wearing them in quarries; and they are required in mines.

Many of you may not be aware that there are two types of protective head gear: the hard hat and the bump hat. The difference could mean a serious injury avoided or even a life saved. The specifications for the hard hat required by the Bureau of Mines printed on the inside of the helmet states that if a hard hat is placed on the floor and a heavy object is dropped on it, the object will be deflected. Not so the bump hat; the object will go right through it.

And it's not a bad idea to mark your tools with fluorescent paint or tape so you are not so apt to leave them behind.

...by Chuck Pierce, S.C. Mich. Lapidary Society.

Safety hint from Ed Plumley via Agatype: Drive your chisel through a rag when splitting a rock. It'll keep those chips from flying.

Bottle fire: A bottle of water can start a fire because it can focus the sun's rays similar to a magnifying glass. They are a hazard whether they are in the windows of your car, house, garage, camper, left against a tree or brush at a campsite or discarded along a grassy ditch.....(Pebble Picker Patter)

Sleeping Bags: For those of you who are sleeping bag campers-- If you have had your sleeping bag cleaned, be sure to thoroughly air it before using it. The (GOMA) stated that a 16 year old boy died after sleeping in a bag that had been cleaned in perchlorethelene in a coin operated unit. You should also safeguard against chemical burns due to home applied water-proofing compounds. Several cases of severe rash and burns have been reported. (cvg & mc's Newsletter)

.....safety continued.....

FIELD TRIP SAFETY RULES

1. Do not hunt on private land without permission.
 2. Wear good leather shoes (boots) with grip soles.
 3. Wear loose slacks, long sleeves and hats.
 4. Never hunt alone.
 5. Keep your gas tank full.
 6. Be alert for washouts on trails.(Carry tools for emergencies)
 7. Never let a dog run loose in field trip areas.
 8. Carry extra water--just in case. (Also food--fruit and candy)
 9. Never reach over a rock, ledge, or plant without looking first.
 10. Grass fires start easily and are disastrous. Never throw down a match until it is cold and broken in two; nor a cigarette unless it has been completely extinguished in water or reduced to cold ashes then ground into the dirt with your heel.
 11. If you think you are lost, stay with your car, or if not near the car, stay out in an open, conspicuous place where you may be seen.
-above rules taken from MWF Newsletter.

Play safe! Work safe! I would like to stress the importance of a well stocked First Aid Kit. In addition to the usual articles such as band aids, gauze, cotton, disinfectant and swabs, the Rockhound finds he needs even more. He will need sunburn lotions, a good chapstick for dry lips, and elastic ankle and knee brace, and if in rattle snake country a snake bite kit, an aluminum splint for a broken finger would not be out of place. If one is subject to respiratory ailment, or even more important, a heart condition, by all means include a small disposable tank of oxygen. These come in two sizes--15 and 30 minutes, with mask and hose. The cost is about \$5 and \$14, respectively--a good investment and a great help if vacationing in high country.

..By O.G.Gilbert, Shell Gem & Mineral Club--via Gem Dust Trail

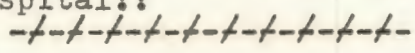
ON THE HIGHWAY:

Remember to hold down your speed if you are towing a trailer; the tires on your trailer are traveling faster than those on your car. For example--if your trailer tires are size 4.80/4.00-8 and your auto tires are size 8.85/8.00-15, your trailer tires will be making 91.2 miles an hour when your car is going 50. At a car speed of 60, the trailer tires will be traveling 109.4!!!

The very best in trailer hitches, properly mounted, for your vehicle along with leveling bars and safety chains is a must for assuring safety on the highway and ease in handling.

Wearing a safety belt should be a must for anyone riding in your car. If you have shoulder harnesses wear them. Remember some never get a second chance!!

Highway traffic is heavy during summer due to tourists and local people on vacations--adjust your speed to these conditions--be a safe and considerate driver; better to arrive a little later and safely than to detour to the nearest hospital!!



FIELD TRIP - 1971...Vern Miljour...continued...

Twelve members of the IR&MC and four guests met at Matchwood on May 22 at 9:00 a.m. for the first field trip of the year. Under the leadership of Pat Bemis, we proceeded northward along a county road for about 7½ miles to a group of rock bluffs and the site of the long abandoned Norwich Mine.

While Pat Bemis took 5 volunteers (Teresa Bemis, Pat Elie, Mike Lindquist, Joe Dunham, and Arnold Mulzer) to the top of the bluff by a round-about route, the rest of us stayed with Ven Hodgins and Ray Anderson and their metal detectors.

We found some small pieces of copper both with and without the metal detectors.

I climbed to the base of the cliff where an inclined shaft was located and took a couple of pictures but found nothing of interest to pick up. Scott St. Aubin (a guest) found an old axe and a broken pic^h.

The 6 explorers returned with several nice pieces of copper, especially 3 found by Pat Elie. This would seem to indicate to me that there would be good hunting at some of the old workings on the bluff. Arnold Mulzer found some old pieces of screening.

Ray and Edith Anderson, Ven and Frances Hodgins left us for a while to look over the old town site for bottles and other artifacts.

We left Norwich and returned to Matchwood, then on to Bruce Crossing where we turned north on U.S. 45 and headed for Rockland. The mud slides along U.S.45 on the Military Road near Ontonagon bears out the claim that that this section of highway was one of the most costly ever built.

We proceeded to the Minesota Mine near Rockland where we found that most of the waste had been removed for gravel. Several nice pieces of copper were found by Mike Lindquist, Teddy and Scott St. Aubin. The main shaft at the top of the hill is covered with a steel grating which covers a hole that is at least 100 feet deep. Ven and I tossed a couple of rocks into the hole to determine this. It is not a safe place for a picnic because there are openings in the grating which are more than man-size.

The next stop was the Bumblebee Mine (a part of the Minesota Mine). On the way, there was a slight detour for some unintentional sight-seeing, when a turnoff was missed. Pat Bemis found a sizable chunk of epidote and copper. Again, the dumps had been used for gravel.

As the group was leaving Pat found a boulder with the driveshaft of his truck which necessitated his starting for home ahead of schedule. He left with the understanding that we would meet at Alberta.

Ven Hodgins led us to the Adventure Mine near Greenland. There was

...continued..(First Field Trip-1971 by Vern Miljour)

still snow on the ground. One of the young at heart threw a snowball at somebody. If he had connected, he would still be in the doghouse.

Vern found a few pieces with his metal detector. We stayed a very short time and then went on to the Mass and Caledonia Mines where Vern gave us a briefing on the two mines. No time for collecting.

Then it was on to Alberta and the pyrolusite area. We arrived after 6:00 p.m. and found Pat and Teresa Bemis who had arrived earlier getting ready to leave. They returned to the collecting area with us. All of us found some very respectable specimens. Pat found the prize.

A long, hard, wonderful day was had by all. For the Miljours it was from 6:30 a.m. to 10:30 p.m. and 293 miles.

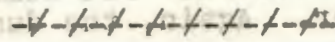
WOOD FROM DOWN UNDER (500 feet)

On May 12, 1971, several miners working for Jones and Laughlin Mining Company in the Vesta # 5 mine near Lone Pine, Pennsylvania had finished removing coal from a vein in their work area. The next step was to anchor the ceiling to prevent the slow peeling of the remaining coal and slate. Before this could be done on one section, about a foot of coal and some slate had peeled off exposing the remains of an ancient tree. The exposed section was about 10 feet long and a foot in diameter.

When the miners tried to drill a hole in the log, it fell to the floor breaking into several pieces. Because the log looked so unusual, the miners took out some of the pieces.

One of the miners was John W. Larson, my brother-in-law, who until recently was an employae at the Tracy mine. John gave me two sections of this wood each about 5 inches in diameter and about 8 inches long.

I ground a window in one section and found that the wood seems highly carbonized. My next step is to cut a couple of slabs off the smaller piece to see what is underneath the surface. John told me that only a couple of other pieces have found their way to the surface as souvenirs. The remainder of the log must have ended up in a dump. Good hunting for some rockhound of the future!



As the group was leaving we found a boulder with the characteristic of his truck which necessitated his starting for home ahead of schedule. He left with the understanding that we would meet at Alberta. The Hobbes led us to the Adventure Plus near Greenland. There was

MEMBERSHIP LIST

ISHPEMING ROCK AND MINERAL CLUB, INC.

1971

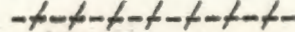
<u>NAME</u>	<u>ADDRESS</u>	<u>TELEPHONE</u>
Alholm, Harold	1208 Decond St., Marquette, Mi.	49855 226-8716
Alholm, Margaret (Mrs.)	"	"
Anderson, Robert R.	P.O.Box 522, R.2, Marquette, Mi.	226-2327
Anderson, Edith R. (Mrs.)	"	"
Armstrong, W.F.	Pine Ridge Apt. 408, Marquette, Mi.	226-9085
Barrett, Linda (jr)	Box 257, Gwinn, Mi.	49841 346-3694
Bemis, Charles	P.O.Box 356, Gwinn, Mi.	49841 346-3361
Bemis, Teresa (Mrs.)	"	"
Bianchi, Michael (jr)	401 Birch, Gwinn, Mi.	49841 346-5562
Boeryp, Ray	103 Destroyer, V.I. Sawyer AFB Gwinn, Michigan.	346-5470
Boyum, Burton (L.M.)	P.O.Box 123, Timagami, Ontario, Canada	
Brunngraeber, Glen	411 E. Magnetic, Marquette, Mi.	49855.225-1461
Brunngraeber, Marlene (Mrs.)	"	"
Brunngraeber, Beverly (jr)	"	"
Brunngraeber, Glenys (jr)	"	"
Brunngraeber, Jane (jr)	"	"
Brunngraeber, Mary (jr)	"	"
Carlyon, Domenica (Mrs.)	110 Pecok St., Negaunee, Mi.	49866 475-9262
Dawson, W.D.	Box 221, Stambaugh, Mi.	49964
Edwards, James T.	304 Somonauk St., Park Forest Ill. 60466	
Elie, Royal	408 Birch St., Gwinn, Mi.	49841 346-9742
Elie, Pat (Mrs.)	"	"
Elie, Ann (jr)	"	"
Fredlund, L.V.	R. 2, Box 80, Iron River, Mi.	49935
Garceau, Fred	765 White St., Ishpeming, Mi.	49849 486-4355
Garceau, Doris (Mrs.)	"	"
Gutman, Carlton W.	1012 N. Third, Marquette, Mi.	49855 225-0684
Gutman, Susan (Mrs.)	"	"
Heikkala, Rudy	South Altamont St., Marquette, Mi.	226-3296
Heikkala, Lorraine (Mrs.)	"	"
Heikkala, Wilmer W.	Box 13, Ewen, Mi.	49925
Hodgins, Ven	1402 Kimber Ave., Marquette, Mi.	226-9059
Hodgins, Frances (Mrs.)	"	"
Hudson, James J.	1217 Cleveland Ave., Marquette, Mi.	226-3155
Hudson, Adeline B. (Mrs.)	"	"
Hughes, Jerry	R.R.2, Harbor Springs, Mi.,	49740
Hunt, Lucian F.	368 W. Park St., Marquette, Mi.	226-3603
Hunt, Myrtle (Mrs.)	"	"
Jacobson, John O.	R.1, Box 36, Negaunee, Mi.	49866 475-9879
Jacobson, Hilda (Mrs.)	"	"
Jarvi, Elmer J.	116 E. Division St., Ishpeming, Mi.	486-4692
Jarvi, Mamie E. (Mrs.)	"	"
Jarvi, Evelyn (Miss)	714 O'Brian, Apt.4, Monro, Mi.	48161
Jenkins, Audubon H.	R.1, Box 7, Ishpeming, Mi.	49849 486-4565
Jenkins, Mildred A. (Mrs.)	"	"
Markert, Scott	13 B Spring Head Ct., Cockeysville, Maryland	

Membership 1971

<u>NAME</u>	<u>ADDRESS</u>	<u>TELEPHONE</u>
Johnson, Ernest C., Jr.	1962 W. Fair, Marquette, Mi. 49855	228-9422
Johnson, Helen (Mrs.)	"	"
Johnson, Sheryl (jr)	"	"
Kivela, Jarl	R.1, Box 275-, Negaunee, Mi. 49866	475-9288
Kivela, Ruth (Mrs.)	"	"
Koivula, Martin W.	614 Vine St., Ishpeming, Mi. 49849	486-6584
Koivula, Anna (Mrs.)	"	"
Korby, Allan	R.1, Box 21, Negaunee, Mi. 49866	475-6302
Lemin, Carl	624 E. Division St., Ishpeming, Mi.	486-6563
Lindquist, Mike (jr)	314 Pine St., Gwinn, Mi. 49841	346-9898
Long, Stanley	355 E. Hewitt Ave., Marquette, Mi.	226-2435
Long, Virginia (Mrs.)	"	"
Long, David (jr)	"	"
Lutes, Irene G. (Mrs.)	113 Bancroft St., Ishpeming, Mi.	485-5642
Markert, C. Robert	R1, Box 620, Ishpeming, Mi. 49849	486-9055
Markert, Marian (Mrs.)	"	"
Maynard, Rufus	216 Silver Creek Rd., Harvey, Mi. 49855	"
Maynard, Laura (Mrs.)	"	249-1867
Miljour, Vernon	Box 237, Gwinn, Mi. 49841	346-5320
Miljour, Christine (Mrs.)	"	"
Miljour, David (jr)	"	"
Mortanson, Floyd N.	69 West End Ave., Pontiac, Mi. 48053 (Summer) 63 Grosse Pointe Estates, 9990 Ulmerton Rd., Largo, Fla. 33540 (Winter)	
Mortanson, Helen L. (Mrs.)	"	"
Mullaly, Albert V.	30119 Dawson St., Garden City, Mi. 48135.	425-4769
Murray, Albert E.	2115 Ludington St., Escanaba, Mi. 49829.	"
Murray, Albert, Jr.	"	786-6959
Nelson, Arne O.	316 Vine St., Ishpeming, Mi. 49849	486-6767
Nelson, Helen (Mrs.)	"	"
Osterberg, Helmi (Mrs.)	224 #. Ridge St., Marquette, Mi.	226-8886
Poutanen, Larry (jr)	427 New York St., Ishpeming, Mi.	486-6937
Quayle, James	527 Vine St., Ishpeming, Mi. 49849	486-8282
Quayle, Michael (jr)	"	"
Reidy, Luella M. (Mrs.)	129 W. Superior St., Ishpeming, Mi.	485-5996
Ross, Mary Spear (Mrs.)	385 Lakewood Lane, Marquette, Mi.	249-1836
Sain, Laurence N.	818 W. Wye Ave., Marquette, Mi.	226-7325
Sain, Olive V. (Mrs.)	"	"
Schenk, Robert	Agate Shop, R.1, Box 91, Republic, Mi. 49879	376-2373
Shankland, Alfred D.	R.4, Box 136, Petoskey, Mi. 49770.	616-347-3330
Shankland, Mavis S. (Mrs.)	"	"
Short, June, (Mrs.)	700 Greenfield Rd., Marquette, Mi.	249-1701
Short, Sherry (Miss)	"	"
Smith, Bernard R.	1513 Lynn St., Marquette, Mi. 49855	226-6390
Smith, Claris W. (Mrs.)	"	"
Smith, Kenneth R. (jr)	"	"
Spiroff, Viril L. (L.M.)	Isla Royale Loc., Houghton, Mi. 49931.	"
Tapola, Charles	Box 162, Princeton, Mi. 49875	346-9639
Tapola, Selma (Mrs.)	"	"
Tubbs, Frazier H.	R.2, 1710 Glandora Lane, Ishpeming, Mi.	"
Tubbs, Dorothy (Mrs.)	"	485-5920

Membership 1971

<u>NAME</u>	<u>ADDRESS</u>	<u>TELEPHONE</u>
Wainio, John V.	500 W. Ridge, Marquette, Mi. 49855	226-6638
Wilson, Wayne	1910 Granite, Marquette, Mi.	225-1860
Wilson, Ida (Mrs.)	" "	" "
Wurfel, Werner	8553 Evanston Ave., Ravenna, Mi. 49841.	" "



BREAKDOWN of MEMBERS

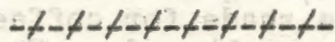
Total Number of Members.....98

Area Breakdown:

Marquette.....	41
Ishpeming.....	20
Gwinn.....	13
Negaunee.....	6
R.I. Sawyer AFB.....	1
Other localities.....	17

Breakdown by Type of Membership:

Regular members.....	68
Junior members.....	14
Associate members (out-of-town).....	14
Life members.....	2



Michael Hughes, Mrs. Garceau's son, and a past member of the club has completed 6 weeks of basic training at Lackland Air Force Base in Texas. He will be at Sheppard Air Force Base in Texas for the next 4 months attending technical school.

Dudley Markert, son of Bob and Marion Markert, who has been a civil engineer for the Navy in the Bureau of Yards and Docks, Washington, D.C., has just received a \$20,000 scholarship from the U.S. Navy to get his Master's in Oceanography at the University of Rhode Island at Providence.

Scott Markert has rejoined the IR&MC of which he was a charter member. His new address has been added to the membership list in this issue.

*****The 2nd issue of the Mineral Digest has just started making the rounds of the club members. The pictures are spectacular!

WELCOME

NEW MEMBERS

W.D. Dawson
Box 221
Stambaugh, Mich. 49964

Fred Garceau
765 White Street
Ishpeming, Mich. 49849

Rudy Heik'kala
South Altamont Street
Marquette, Mich. 49855

Martin W. Voivula
614 Vine Street
Ishpeming, Mich. 49849

Mrs. Lorraine Heik'kala
South Altamont Street
Marquette, Mich. 49855

Mrs. Anna Voivula
614 Vine Street
Ishpeming, Michigan 49849

Allan Korby
Rt. 1, Box 21
Negaunee, Mich. 49866

Larry Poutanen
427 New York Street
Ishpeming, Mich. 49849

Frazier Tubbs
Rt. 2, 1710 Glendora Lane
Ishpeming, Mich. 49849

Wayne Wilson
1910 Granite
Marquette, Mich. 49855

Mrs. Dorothy Tubbe
Rt. 2, 1710 Glendora Lane
Ishpeming, Mich. 49849

Mrs. Ida Wilson
1910 Granite
Marquette, Mich. 49855

Be you an expert or novice, a listener or talker, a follower or leader-- whatever you may be--WELCOME.

. . . to climb rock piles, dig in them until you are black from head to foot. Then sit in the shade for coffee and lunch and enjoy the warm fellowship of fellow rockhounds. Then it's bac' to the piles looking for that specimen that you have often dreamed about.

. . . to amble the beaches of lakes or shores of far-off seas in search of those beautiful stones called agates which dance and sparkle when the sunrays touch them and the warm water washes them.

. . . we welcome you to join us in our search for that dream stone-- be it an agate, a gemstone, or a rare mineral. We welcome you, ROCKHOUNDS, to the Ishpeming Rock and Mineral Club, Inc. and to enjoy Mother Nature at her best.

Scott Hartman has rejoined the IRWC of which he was a charter member. His new address has been added to the membership list in this issue.

****The 2nd issue of the Mineral Digest has just started making the rounds of the club members. The pictures are spectacular!

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Issue No. 114 - April 1971

3 NEW PROGRAMS

Three new programs have been added to the MWF library. They are:

1. Ancient Animal Found in Iowa - by Neva L. Shaw, Marion, Iowa and The Cedar Valley Rock and Mineral Society. This is the story of an ancient Bison find in a peat bog at Marion, Iowa. Program consists of an introductory paper to be read by the one giving the program followed by 21 slides.

2. Alaska - by Dr. Ben Moulton of Vigo Rock and Gem Club and a professor at Indiana State University at Terre Haute, Indiana. A program of 109 slides depicting resources of Alaska.

3. Fossil Woods - by The Lizzadro Museum of Lapidary Art of Elmhurst, Illinois. A program of 80 slides describing its composition and theories of formation.

These programs are available for immediate booking. Requests should be sent to Mrs. Evelyn Hirsch, Route 1, Mitchell, Indiana, giving a choice of dates and including the \$1.00 program fee.

Attention is called to the new all-risk insurance coverage now carried by the MWF, on all library programs. Clubs no longer need insure programs being shipped back to the MWF.

* * * * *

I have been on a vacation recently and the programs service was very ably handled by my assistant Jo Jacobs of Bedford, Indiana.

-Evelyn Hirsch, chairman

1971 CONVENTION AND SHOW PLANS

The plans for the July 22-25 MWF Convention and Show continue to take shape and everything will be ready when the show opens at the Richland County Fairgrounds in Mansfield, Ohio. And the Fairgrounds provides a number of advantages including easy access... the Fairgrounds being only a short distance off U.S. 30, and expressway skirting the north side of the city... ample parking, all free... easy unloading and loading of exhibits... camping permitted on the grounds with a limited number of hookups at \$1.50 per night or \$1.00 without, hookups on a first come, first served basis... room for the children (and grownup too) to play, bring

SPRING MEETING

The MWF will hold its spring executive committee meeting at Elmhurst College in Elmhurst, Illinois at 9:00 A.M. on Saturday, April 3. Once again the Lizzadro Museum has extended a welcome to the Midwest Federation, and has gone to great lengths to plan for a meeting place, a bit of fun, and a banquet after the meeting. Due to space limitations at the Museum, the meeting will be at the college across the street, but a catered evening dinner will be at the museum, which will also be open all day for MWF visitors.

your horseshoes and stakes... swapping in one of the barns with easy loading and unloading.

The show committee has made a real effort to keep the banquet cost down so that families can attend without swinging a bank loan and have succeeded in cutting the price to \$4.25 each. Banquet will be at the Masonic Temple on Saturday evening at 6:30. We are fortunate to have Dr. John Clark of the Field Museum, Chicago as our speaker. His subject is "Geologist and Rockhound, Our Mutual Interests". Dr. Clark is an excellent speaker so don't miss him.

The Council meeting is at the Ramada Inn Saturday morning at 9:00, with lunch at the Inn.

In the March Newsletter we said that mailings of forms and information would go to clubs around the middle of February. Our intentions were good and envelopes were all stuffed but we didn't get the 1971 mailing labels as soon as expected. We still hope we caught most of the March club meetings. -B. F. Parr, Chairman, 1488 Marion Ave. Rd., Mansfield, Ohio 44906.

DIRECTORY

The 1971 MWF Directory is now being printed and copies will be mailed to all clubs very soon.

BULLETIN EDITOR'S CONTEST

The annual Bulletin Editor's Contest will be held again this year in conjunction with the Midwest Convention in Mansfield, Ohio in July. Awards will be made at that time. Clubs wishing to enter the contest should send two copies of their February 1971 bulletin direct to Oliver Roskam, 3506 N.W. 63rd Street, Kansas City, Mo. 64151.

WELCOME NEW CLUBS

Roy Meyenberg, membership chairman announces two new clubs have been accepted into membership in the Midwest Federation. They are The Range Mineral Club, Inc., Mr. Dudley Olson, president, 45 Aurora Location, Ironwood, Mich. 49938 and The Spring River Gem and Mineral Club, Mr. Cleo G. Webb, president, Route 1 - Box 109, Hardy, Ark. 72542.

ALL AMERICAN CLUB AWARDS

LaDocia Ellis, AFMS Education Chairman advises that the All American Club Award application forms will be in the mail shortly. The form is very similar to the one used last year. Clubs should be assembling all the data necessary to fill the application form. When your form is completed and returned according to the information on the form your club will be contacted.

CONVENTION DELEGATES FORMS

The annual council meeting of the MWF will be held in conjunction with the 1971 Convention and Show in Mansfield, Ohio, Saturday, July 24, at the Ramada Inn. Registration will begin at 9:00 A.M. and the meeting will open at 9:30. A buffet luncheon will be served.

Each club will be receiving an application form for the appointment of one delegate and two alternates. Without the clubs, there would be no Federation, so it is of vital importance that your club be represented at this meeting. In addition to the information that your delegate will receive, he or she will be eligible to vote on your clubs behalf. If your club intends to have its delegate present any special discussion or motion, please notify the MWF secretary, Miss Jean Reynolds, as to the nature of the subject so that it may be placed on the agenda. -Mrs. Jack (Eva) Clements, Credentials Chairman

GEMS AND MINERALS SUBSCRIPTIONS

There has been a policy change in Federation subscriptions to Gems and Minerals. To date subscriptions have been restricted to one year. The new policy of the publishers is that either a one or a two year subscription may be ordered. Rate for one year is \$3.50, for two years, \$7.00.

SAFETY AND THE COLLECTING AREAS

condensed from a story by Fredrick Kraissl, Jr. published in the Eastern Federation Newsletter and submitted by Max L. Holliday our MWF Safety Chairman.

On the chance that collection areas are drying up in your locality, and, there have been reports that owners interests have not been given full consideration, let us work to remedy the situation before it is entirely too late. Probably the greatest concern the property owner, or operator, has is related to liability problems. Liability suits are becoming more frequent and awards are constantly getting greater. The easy way out is to deny access to all, put up "no trespassing" signs.

Consequently the case for the mineralogical society must be so well presented and proven in fact that the favorable public image of a magnanimous property owner supporting educational opportunities and privileges accorded to responsible societies, is an acceptable venture.

The best defense is to have no serious accidents. For this purpose a Safety Committee that can function with full society support is mandatory. There must be someone with experience in each society who can put together such a group.

If the officers and committee chairmen follow the procedure of the uniformed safety committee, a precedent will soon be established and instead of a motley attired-non-descript group, the owners will see a disciplined organization with pride in their outfit that can be relied upon to comply with the owner's regulations and safety rules.

If the Field Trip Chairman is able to present this picture of your society to property owners who have closed their premises to club field trips, perhaps a different decision can be obtained.

* * * * *

Does your club have a safety chairman? If not, now is the time with the spring and summer field trip season beginning to appoint one. Do it at your next meeting!

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Issue No. 115 - May 1971

Progress Report

1971 Convention

Are you all set to come to Mansfield, Ohio in July? July 22-25 are the dates and the members of the Richland Lithic and Lapidary Society, hosts, are getting prepared to welcome you and make your stay with them an enjoyable one.

By now you should have exhibit entry blanks, advance registration forms, and accommodation lists. If any clubs are short of these items or were missed, let us know right away. You can help us by getting your exhibit entries and advance registrations in early.

Remember, the banquet is limited to 500 and is a bargain at \$4.25. Don't be disappointed - get your reservation in now!

Write B. F. Parr, show chairman, 1488 Marion Avenue Road, Mansfield, Ohio 44906 if you need any information.

Hiram and Wavie Swanson ACTIVE CLUB MEMBERS

There is an old folk song which contains the words, "Some come to dance, and some come to play, Some merely come to pass time away."

Are you in that category, just passing time away in the hobby? Hiram and Wavie Swanson, members of the Lake County (Illinois) Gem and Mineral Society aren't.

According to an article in a recent issue of the Beachcomber, the LCGMS bulletin, the Swansons have taken on the project of educating most of Lake County. In the past three years they have given over fifty talks about the importance and uses of minerals in daily living to fascinated school groups, usually right in the classroom. In their spare time, they construct custom-made mineral cases which they fill with 30 identified specimens. The cases are then donated to

In Elmhurst, Illinois

Spring Executive Meeting

On Saturday, April 3rd, the MWF held its spring Executive Committee meeting in Elmhurst, Illinois at Elmhurst College. The meeting was well attended by committee members and considerable progress was made in many areas to promote the rock hobby and assist the member clubs.

Reports were given by state directors and by permanent and special committee chairman.

The all day meeting was recessed at noon for a luncheon at the college and an evening dinner was served at the Lizzadro Museum.

A full report, in the minutes, will be sent to all member clubs.

CAN YOU HELP?

Donald Mikulic, a student at the University of Wisconsin, has been doing research on Silurian trilobites for the last five years. He needs to see specimens of Silurian trilobites, particularly of rare or unusual species that have been found in the Great Lakes area... the Grafton and Lemont, Illinois areas. If you have a large collection of Silurian trilobites and can help him, please write him at 7016 W. Acacia St., Milwaukee, Wisconsin 53223.

schools, libraries, Scout groups, and hospitals. Believe it or not, they have made and distributed 86 of these cases to different groups!

Hats off to the Swansons. If someone in your club is as active, we would like to give them recognition in the Newsletter. Send us his qualifications.

For Mansfield Show
CLERKS NEEDED

We want to enlist the help of a few competent people who would like to act as clerks for the judges of competitive exhibits at Mansfield, Ohio on July 22nd at the annual convention and show. This is good experience for those of you who are interested in becoming familiar with judging procedures. Only eight or nine clerks are needed, so please contact Betty Crawford, Chairman MWF Uniform Rules Committee, 1119 Seminole Avenue, Mansfield, Ohio 44906 soon and state which judging team you prefer to assist.

Your Help Needed

ORDERING AND RETURNING PROGRAMS

Evelyn Hirsch, our Library Program Chairman, asks that all clubs return programs immediately following their scheduled use. Programs have been kept as long as six days after use which causes another club to miss their scheduled showing of the program.

Clubs are requested to order programs at least 30 days in advance and to give three choices of when the program ordered can be used. Also a choice of programs so that your club will be sure to have a program for the date you request.

Be sure to include the program fee when ordering and give the exact, and correct, name, street and number, city and state and zip code to where the program is to be shipped.

The Library Program Service is always in quest of new programs. A program on lapidary for beginners and children and on tumbling is needed. If your club would like to supply programs contact Mrs. Hirsch.

After Four Years of Work

WISCONSIN NAMES STATE ROCK AND MINERAL

Through the efforts of the Kenosha Gem and Mineral Society, after nearly four years of letter writing, attending hearings and telephone calls, etc. the Wisconsin Legislature passed a bill naming Red Granite the state rock and Galena the state mineral. It was signed into law on March 4, 1971 by Governor Patrick J. Lucey.

In the May-June Issue

EARTH SCIENCE MAGAZINE

Midwest shows have a way of bringing out the latent talents of host club members. Mansfield is no exception. Barney Parr (MWF First Vice President) has an article on Pugh Quarry for you in the May-June issue of Earth Science magazine. Betty Crawford did the illustrations. You will see photographs of Dick Lyons' silver chess set and coffee pot and you can read the story behind these shining beauties.

Ed and Mary McNamar

NEW SPECIAL DISPLAYS CHAIRMAN

Ed and Mary McNamar, 3517 Fifty-seventh street, Des Moines, Iowa 50310 now head the Special Displays committee. They are active members of the Central Iowa Mineral Society and also belong to the Dallas County Rock club and ESCONI. Charlene Berry of 238 North Ave., Mt. Clemens, Mich. 48043 is an assistant.

Ed and Mary will be looking for outstanding displays at club shows, and if they decide yours is excellent, they will be contacting you about the possibility of listing your display in a special directory which will be made available to all member clubs. If you know of any outstanding displays send the information to them so that it can be included in the directory. This directory will enable clubs to secure outstanding displays for their shows.

ARCHAEOLOGY DIVISION NEWS

Articles of interesting archaeological sites in the MWF region are being printed in Earth Science Magazine. The sites covered are all open to the public and are generally National Monuments or state parks.

A trophy will be available for competitive exhibits in archaeology at the 1971 convention in Mansfield, Ohio. If you have Indian artifacts, please consider exhibiting at the convention. Share your interest with others.

Anyone interested in learning about archaeological activities in your area may write to the MWF Archaeology chairman, Richard Ade, 641 Crest Lane, Lisle, Ill. 60532

INDIVIDUAL MEMBERS

Mr. and Mrs. Alan L. Palmer, 2825 North Troy St., Chicago, Illinois 60618, have been added to our individual members list.

WILL YOU HELP US HELP YOU?

When you write to any member of the Executive Committee or order programs from the program service or order Newsletters or write concerning them will you please give your name, your complete address and the name of your club. In this way we will be able to give your request complete and prompt reply.

Executive members, our program booker Mrs. Evelyn Hirsch and your Newsletter editor and shipping office receive many letters without the information needed to complete your orders and request promptly.

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Issue No. 116 - June 1971

Thursday-Friday-Saturday-Sunday, July 22-23-24-25, 1971

Mansfield, Ohio Site of 1971 Convention

PROGRAM

Thursday, July 22

- 9:30 AM Judges' meeting (F)
- 10:00 AM Show opens
- 1:30 PM Collecting in the Southwest - Mrs. June Zeitner (F)
- 3:00 PM Minerals of Mexico - Mr. Paul Desautels, Smithsonian Institution (F)
- 4:30 PM Archaeology of the Midwest - Mr. Dick Ade, MWF Archaeology Chairman (F)
- 7:30 PM Micromount Symposium - Mr. Mel Moyer, Moderator (K)
- 9:00 PM Show closes

Friday, July 23

- 9:00 AM Bulletin Editors' Seminar - Mr. Oliver Roskam (K)
- 10:00 AM Show opens
- 11:00 AM Junior Activities meeting (K)
- 1:00 PM State Directors' meeting (K)
- 1:30 PM Your Mineral Collection - Mr. David Wilber, Woodland Hills, Calif. (F)
- 2:00 PM MWF Executive Committee (K)
- 3:00 PM Rockhound's Paradise USA, Michigan's Upper Peninsula - Mr. Charles Markert, (F)
- 7:30 PM Exhibiting Seminar - Mrs. Betty Crawford (F)
- 9:00 PM Show closes
- 9:30 PM Square Dance - Fairgrounds (weather permitting)

Saturday, July 24

- 9:00 AM MWF Council (Ramada Inn)
- 10:00 AM Show opens
- 10:30 AM Fossiling Through the Midwest - Cele Duluk
- 12:00 N MWF Council Luncheon (Ramada Inn)
- 1:30 PM Minerals of Mexico - Mr. Paul Desautels (F)
- 3:00 PM Fossils of Pit 11 (Mazon Creek, Ill. Area)
- 4:15 PM The Cleaning and Preparation of Fossils - Dr. Dwayne Stone (F)
- 6:30 PM Banquet - Dr. John Clark, Field Museum, speaker (Masonic Temple)
- 9:00 PM Show closes
- 9:30 PM Outdoor Sing - Fairgrounds (weather permitting)

Sunday, July 25

- 9:00 AM Rollin' Rock Club (F)
- 10:00 AM Show opens
- 11:00 AM Rockhound's Paradise USA, Michigan's Upper Peninsula - Charles Markert (F)
- 1:30 PM Collecting in the Southwest - Mrs. June Zeitner (F)
- 3:00 PM Diamond Crystals - Mr. Paul Seel, President AFMS (F)
- 6:00 PM Show closes

Continuous Demonstrations 10:30-8:30 on Thurs., Fri., Sat. - 10:30-5:30 on Sun.

Fluorescent Display - Frequent performances - See posted times.

U.S. Geological Survey sound films shown in program area several times during the show.

(F) Indicates Fairgrounds Program Area. (K) Indicates Kingwood Center Meeting Hall.

Come and have fun. We are mixing some fun activities with the serious aspects of the show.

Contribute to the show by exhibiting. Remember, individual exhibitors for the full four days get free admission.

There will be come-and-go cases.

Swapping will be under cover close to the main show bldg.

Plenty of free parking and camping is permitted on the grounds for a small fee.

Send in your reservations now.

YOUR 1971 CONVENTION DELEGATE

Has your club selected its Delegate and Alternates for the 1971 Council meeting? And has the form been returned? If not, see that it is done as soon as possible. The meeting, a very important part of the 1971 Convention and show, is at 9:00 A.M. on Saturday, July 24 at the Ramada Inn, Mansfield, Ohio. The form should be returned to Mrs. Eva Clements, 382 Jade Ave., Mansfield, Ohio 44907.

GUIDE LINES FOR MAKING 35mm SLIDE PROGRAMS

Our program chairman, Mrs. Evelyn Hirsch, has made some suggestions that can be used as guide lines for clubs wishing to make 35mm slide programs for the Midwest Program Library.

On programs of proceedings, such as tumbling or lapidary arts, take the procedure step by step very explicitly... leave nothing to the imagination.

On field trip programs, people (a few) one person in a collecting area picture improves the picture as one gets the scale of the cut or quarry. Give geology of area formation whenever possible. Be sure to include slides showing what is found there. Use a ruler or some object to indicate size of specimen in your closeups.

Be sure that all pictures you use in the completed set are clear. If necessary retake pictures but never include fuzzy or poor pictures. Make sure your slide story has a definite starting place and follows through to an ending. Don't leave out things and lose your audience by skipping around.

For the script that accompanies your program, type it on 7x11 size sheets. These fit in our mailing boxes. Leave a margin around the sheet and be sure the pages are numbered, date of the program and the person or club that made it. We make zerox copies of your original and thus can keep fresh copies going out to the clubs.

If person making the program wishes to keep the original set of slides please be sure to tell us who to contact in case a duplicate is needed. If possible send the original and one set duplicates as this saves time if a slide or program is lost and needs to be replaced.

AFMS UNIFORM RULES CHANGES

Approved for use with the red covered Uniform Rules booklet the following changes should be noted.

Page 26 - Part I. (A new Trophy):

AFMS XVII. AFMS Trophy for Educational Exhibits, Junior Class.

Page 29 - Part IV:

Trophy XVII. Educational, Junior, Given for exhibits from Uniform Rules Classes E-1 thru E-6.

SAFETY

If you don't already belong, it's time to join the Hard-Hats! A while back Max Holiday, MWF Safety Chairman, alerted us at several Executive and Council meetings to the effect of the Federal Mine Safety Law on rockhounds.

In 1966 Congress passed a safety law applicable to all mines and quarries, except coal mines. The law directed the Secretary of the Interior to promulgate mandatory health and safety standards to deal with conditions or practices which might cause death or serious physical harm. While most of such standards apply to employees in mines and quarries, effective July 31, 1970 all persons were required to wear hard hats "when in or around a mine (or quarry) where falling objects may create a hazard." Similarly, effective January 7, 1971, all persons must wear "suitable protective footwear" and "safety glasses, goggles, or face shields" when "in or around an area of a mine (or quarry) where a hazard exists which could cause an injury to the feet or to unprotected eyes." While these safety standards are mandatory, the application of each is conditioned upon the existence of the hazard to which the standard is directed.

Correspondence with the Federal Bureau of Mines has confirmed that these requirements do apply to rockhounds. We are likely to see very soon mine and quarry owners requiring (as some owners have done for some time) at least hard hats and possibly safety shoes and goggles before permitting field trips on their premises.

Therefore, in addition to always keeping your rock hammer and other collecting equipment in the trunk of your car ready for any opportunity - you had better also add your personal hard hat (and goggles too, to be on the safe side)!

EDUCATIONAL NEED

Would all MWF committee chairmen and State Directors who have not already done so please send immediately a brief resume of how their particular committee fulfills educational needs of the MWF members? This is needed for impressing the Internal Revenue Service with our solid educational aspirations so that we may be granted a tax status change to C-3. Send resumes to Jay C. Wollin, 8917 Austin, Morton Grove, Illinois 60053.

JUNIOR ACTIVITIES SEMINAR

A Junior Activities Seminar has been added to the MWF Convention and Show program. It will be held on Friday, July 23, at 11:00 A.M. This will have a panel of rockhounds telling of ways they have handled Junior Activities in their clubs or communities. The seminar will be headed by Mrs. Calvin (Harriet) George. Calvin George will tell of ESCONI'S approach to Junior clubs and Mr. or Mrs. Ed Hirsch will speak of 4-H cooperation.

BY INTERVIEW IN ROCKS
By Sheryl Johnson

ER. ACTIVITIES at Club Meetings

When we were still living in Minn-
nesota, I used to give up pretty
often. Not knowing what they were
and as I was to Michigan to visit,
my father would take me down to
the presswater to collect stones.

The juniors have been parading
the lapidary hobby during the
business part of the meetings. In
March they worked on Patosky
stone under the direction of
Christine Miller. An additional
project was to trim, sort and
count cancelled stones donated by
club members to be sent to the
National Council of Juniors for
their "Lap" program.
In April further work was done on
Patosky stones. During the May
meeting they worked on rock ideas
in addition under the direction of
Helen Johnson.

The PEBBLE PUP

When we moved to Michigan, as you
to see, getting and finding
with the club. I got a rock
Lapidary Club. I had already
collected. I had already
and now they're both interested in
rocks. Now our whole family is
interested in rocks--even my little
brother.

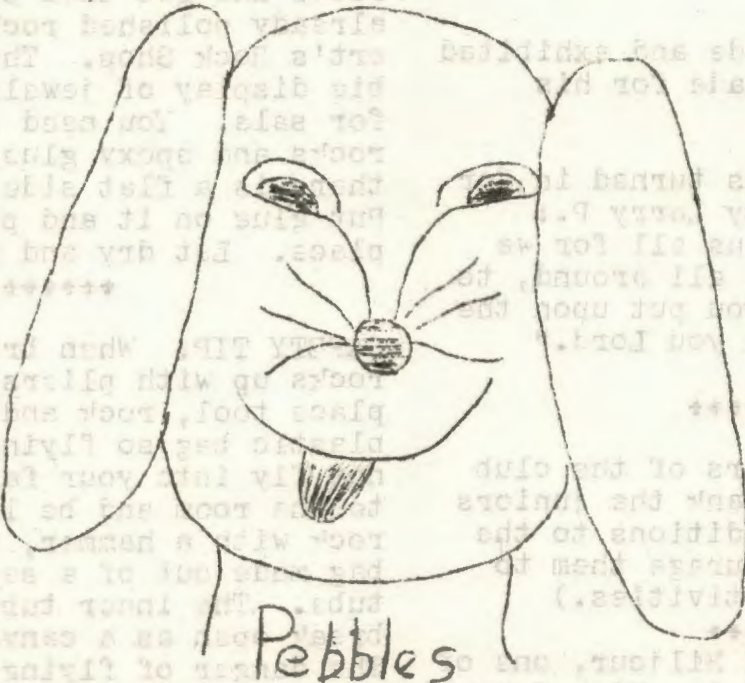
Three of the juniors--Sheryl
Johnson, Michael Quaye, and Larry
Postman have taken turns writing
and then reading a prayer to open
the club meetings. They also
also prepared many beautiful
for the lunch tables in addition
to bringing displays from their
collections.

BY LARRY POSTMAN

Press

Making jewelry is a lot of fun to
make and wear. First get nice
rocks and get them polished or buy
already polished rocks from Mar-
t's Rock Shop. They also have a
big display of jewelry settings
for sale. You need settings,
rocks and epoxy glue. Make sure
that a flat table on the rocks.
Put the on it and cut it in its
pieces. Let dry and wear.

Larry Postman made and exhibited
a sun table he made for his
displays.
One of the prayers turned in
application was by Larry P.
"Our Lord, bless us all for
and gathered here all around
study the rocks you put upon
ground. So thank you Lord."



Pebbles

Mike Quaye

When washing small
rocks up with gloves or hand wash
place tool, rock and hands in a
place to get no flying pieces will
ly but your face--or out in-
has a rock and he lost. To break
rock with a hammer, also it in a
parting out of a section of later
sub. The inner tube will not
place as a canvas bag might.
... Max Holliday, WPT, CA.

(The senior members of the club
compliment and thank the juniors
for their fine additions to the
meetings and encourage them to
continue these activities.)
Pebbles and David Miller, one of
+ So glad that Brian Hill School
was selected into the Swain Club.
of the National Honor Society. He
is a member of the Jr. Varsity
Basketball Team. "Congratulations!"

JR. ACTIVITIES at Club Meetings

The juniors have been pursuing the lapidary hobby during the business part of the meetings. In March they worked on Petoskey stone under the directions of Christine Miljour. An additional project was to trim, sort and count cancelled stamps donated by club members to be sent to the National Council of Churches for their "feed the hungry" program.

In April further work was done on Petoskey stones. During the May meeting they worked on rock identification under the direction of Helen Johnson.

Three of the juniors--Sheryl Johnson, Michael Quayle, and Larry Poutanen have taken turns writing and then reading a prayer to open the club meetings. They have also prepared timely centerpieces for the lunch tables in addition to bringing displays from their collections.

Larry Poutanen made and exhibited a turn table he made for his displays.

One of the prayers turned in for publication was by Larry P.:
"Our Lord, bless us all for we are gathered here all around, to study the rocks you put upon the ground. So thank you Lord."

(The senior members of the club compliment and thank the juniors for their fine additions to the meetings and encourage them to continue these activities.)

Pebble pup, David Miljour, one of 4 Sophomores at Gwinn High School, was inducted into the Gwinn Chap. of the National Honor Society. He is a member of the Jr. Varsity Basketball Team. "Congratulations!"

MY INTEREST IN ROCKS
by Sheryl Johnson

When we were still living in Minnesota, I used to pick up pretty stones--not knowing what they were. When we came to Michigan to visit, my father would take me down to the breakwater to collect stones.

When we moved to Michigan, we went to some meeting and decided to join the Rock Club. I got a rock tumbler for Christmas so I could polish the stones I had already collected. Last summer my mother and dad took me on a field trip and now they're both interested in rocks. Now our whole family is interested in rocks--even my little brother.

MAKING JEWELRY
by Larry Poutanen

Making jewelry is a lot of fun to make and wear. First get nice rocks and get them polished or buy already polished rocks from Markert's Rock Shop. They also have a big display of jewelry settings for sale. You need settings, rocks and epoxy glue. Make sure there is a flat side on the rocks. Put glue on it and put it in its place. Let dry and wear.

SAFETY TIP: When breaking small rocks up with pliers or hand vise, place tool, rock and hands in a plastic bag so flying pieces will not fly into your face--or out into the room and be lost. To break rock with a hammer, place it in a bag made out of a section of inner tube. The inner tube will not break open as a canvas bag might. The danger of flying pieces will be eliminated.

... Max Holliday, MWF Ch.

MEET THE QUARTZ CRYSTAL FAMILY

by Theron M. Trumbo

Papa and Mama Quartz-Crystal belong to a very large family of rocks. They are called the Quartz-Crystal family to distinguish them from Uncle Agate's family and Aunt Opal's family, and a whole raft of cousin Quartzes. Then, too Mama Quartz' maiden name was Rock Crystal. The came from Herkimer County N.Y., and Papa often called her his little "Herkimer diamond". She was very lovely, nicely shaped, and perfectly clear and sparkling. Papa Quartz' name was Milky Quartz and while he was nicely shaped, too, he didn't sparkle like Mama.

Papa and Mama Quartz had quite a huge family. First there was lovely Rose Quartz. She often bemoaned the fact that she was dumpy and didn't have Mama's nice figure. But she was so sweet and a rosy pink, that nobody cared about her shape. She got her healthy color from eating her Titanium every morning when she was a baby crystal.

Next came Amethyst. She took after Mam Quartz, with her nice shape and sparkling clear color, except Amethyst was just the color of violets. She hadn't cared much for Titanium when she was a baby, but she loved Manganese, which gave her the lovely lavender hue.

Smoky Quartz was the oldest boy in the family. Mama Quartz must really have had a time at breakfast with her babies. Each one like some different food. Smoky wouldn't eat anything but Carbon, and so he had a grayish color.

Little Citrine Quartz started out to look just like her sister, Amethyst, but one hot summer day she got overheated and her lavender color turned to deep yellow. But

she didn't care, really, because she was different from the others, and still quite pretty, too.

The Quartz-Crystal children had another younger brother. His name was Ferruginous Quartz, but almost everybody nicknamed him "Ferry". He was quite a handsome boy, with an attractive red color, which Mama Quartz insisted was because he was such a good child and ate his daily portion of Iron.

In fact, the whole Quartz-Crystal family, was quite well behaved. Once in a while an argument arose and somebody got scratched, which was really difficult, because they were a hardy lot.

That's just about all the Quartz-Crystal family, except the ghost. He was known as Phantom Crystal, and he looked just like all the rest of them, except that you could look right through him and see another crystal inside.

The Quartz-Crystals were all quite important people. Papa Quartz was just content to do ordinary things, but Mama was a very brilliant actress, and little Rose, Amethyst and Citrine Quartz-Crystal all grew up to be lovely jewels. Smoky and Ferruginous, the boys, took after their father and worked at ordinary jobs.

Papa and Mama Quartz-Crystal were certainly proud of their family.

H.J. Pittenger

...Via--Exchangite

MEET THE QUARTZ-CRYSTAL FAMILY

by Theron M. Trumbo

she didn't care, really, because she was different from the others, and still quite pretty, too.

Papa and Mama Quartz-Crystal belong to a very large family of rocks. They are called the Quartz-Crystal family to distinguish them from Uncle Quartz's family and a whole lot of other Quartzes. Papa Quartz's maiden name was Rock-Crystal. The name from Harlow County, N.Y., and Papa often called her his little "Harlow diamond". She was very lovely, nicely shaped, and perfectly clear and sparkling. Papa Quartz's name was Milky Quartz and while he was nicely shaped, too, he didn't sparkle like Mama.

2nd issue, 1971

Ishpeming Rock and Mineral Club, Inc.

P.O. Box 102

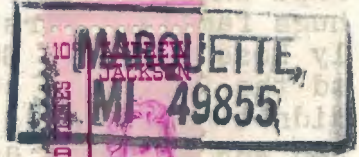
Ishpeming, Michigan 49849

The Quartz-Crystal family is another younger brother. His name is "Tarry". He was quite a handsome fellow with an attractive red color, which was such a good child and his daily portion of iron.

In fact, the whole Quartz-Crystal family was quite well behaved. Once in a while an argument arose and somebody got scolded, which was really difficult, because they were a hardy lot.

That's just about all the Quartz-Crystal family, except the ones that he was known as Phantom Quartz, and he looked just like all the rest of them, except that you could look right through him and see another crystal inside.

Papa and Mama Quartz had quite a few children. The other boys were very dumpy and nice figures. But he was known as Phantom Quartz, and he looked just like all the rest of them, except that you could look right through him and see another crystal inside.



Mr. & Mrs. C. Robert Markert

Rte 1 Box 620

Ishpeming, Mich. 49849

The Quartz-Crystal family is another younger brother. His name is "Tarry". He was quite a handsome fellow with an attractive red color, which was such a good child and his daily portion of iron.

Next came Amethyst. She had a lovely purple color, and she was very dumpy and nice figures. But he was known as Phantom Quartz, and he looked just like all the rest of them, except that you could look right through him and see another crystal inside.

H.L. Pittenger

...Vis--Exchange

Little Clara Quartz started out to look just like her sister, Amethyst, but one hot summer day she got scorched and her lavender color turned to deep yellow. But