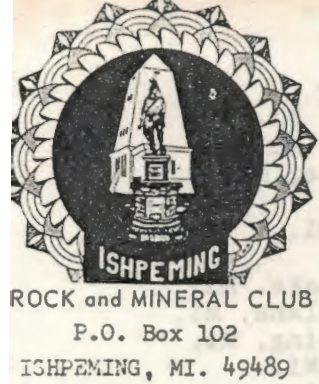


# THE JASPIRITE

Affiliated with the Midwest Federation of Mineralogical & Geological Societies

Business Meetings: 1st Fri. of Month. 7 PM--Jacobetti Veterans Facility  
425 Fisher Street, Marquette, Michigan

Program & Activity: 3rd Sun. of Month. 2 PM Marquette Township Hall, West of  
Marquette, Michigan



P.O. Box 102

ISHPEMING, MI. 49489

Hats off to all the club members for another very successful swap. Without your interest, enthusiasm, and get up and go, activities such as this couldn't happen. A number of new ideas were tried and proved successful which enhanced the swap. I also thank all of you for labeling your silent auction items; it made the silent auction easier for the workers.

Now that the summer activities are over and fall just around the corner, it is time to plan for the winter months. Our regular program meetings at the Marquette Township Hall begin Sunday October 21 at 2 p.m., with a show and tellof what you have found or acquired this past summer.

We are looking for ideas for programs and are open to just about anything that pertains to rockhounding, geology, earth sciences, etc. If you have an idea, see me or one of the officers. Al Murray would like you to sign up for a 'mineral of the month' short talk; give him a call.

Remember, our meetings are open to everyone interested in our hobby. If someone shows an interest, offer to pick them up and bring them to the meeting.

Your President, Ernie Johnson.

Minutes from the Secretary.....Dawne Smail

Preparations for the SWAP are proceeding well. Bruce and Larry are co-chairmen. The Ely Township Hall is reserved for Friday night set-up. Olive has done a fine job in heading up a committee to assemble a set of two egg cartons (one of rocks and the other minerals) with a number printed on each rock and the label in each carton listing the 12 specimens and the corresponding numbers. This is an educational project aimed at school children and beginning rockhounds. A meeting was held to put the labels on and in the 100 boxes; a reporter from the local newspaper came to take pictures for advance publicity in the Mining Journal.

The July field trip to the Holyoke mine will depart from the Marquette Courthouse, Baraga Avenue on July 5 at 9 a.m.

Theresa Bemis will provide Christmas party favors; animated rocks. Thank you, Theresa. Various media will carry information on our Swap.

August Swap: We were able to raffle off 30 lovely prizes, ranging from clocks, jewelry, pen sets, copper art, silver, scrimshaw on fungus, etc. Our silent auction was a success and we carried nothing home. The Youth table was a hit with young and old. Teachers purchased many sets to use in their classes and asked for us to add cartons of additional rocks labeled in like manner; if we have a Youth table next year.

A review of the Swap was that we should have some advertising along Hiway 41 well to the west of the Ely Township hall to prepare motorists for the turnoff. Registration could be situated a bit more visibly to catch visitors from both entrances. It was agreed to use the same site next year, since the facilities are so nice and the adjustments are minor for advertising.

September--Hobo picnic at the Markert's home was our business meeting. The night was cold, but the hospitality warm, and we had a great time as usual. We missed the Sains; Laurence had just been released from MGH that morning (pneumonia) and they didn't want to venture out in the cold. We signed a get well card for him.

Hematite is to be promoted as the State Mineral again this fall and we hope this time it will be successful. A bill is to be introduced in the state legislature during the fall session.

The Cliff Shaft Park Museum project is still alive, and we will hold on providing school displays until we know more about the grants for the Cliff site.

Display cases of minerals in the Chambers of Commerce in Ishpeming and Marquette are under direction of Jim Procnier and Arnold Mulzer.

We will have a color tour pending weather conditions the last week end of September and plan to visit Pictured Rocks and Grand Marais. Members (local) will be called.

Program meetings at the Marquette Township Hall: 3rd Sunday of each month at 2 p.m.  
October 21, November 11, January 20, February 17, March 17, and April 21.

Business meetings are the 1st Friday of each month at the Veterans Facility, Marquette at 7:30 p.m.

October 5 and November 2, 1990.

January 4, February 1, March 1, April 5, May 3, June 7, July 5, and AUGUST 2--SWAP 1991.

December 2 is our Christmas Party at the Northwoods; dinner and gift exchange. Theresa Bemis will provide the table favors. Ingrid Bartelli is the chairperson.

DID YOU KNOW?? Gold is so malleable, that 1 ounce can be hammered into a sheet so thin that it could cover 100 sq. ft. And gold is so ductile that one ounce can be drawn in a fine wire 50 miles long.



1990 Raffle prizes: Donors and Winners

PRIZE	Donor	Ticket #	Winner
1. \$50.00	IRMC	765	Zeph LaChance- Saginaw, Mi.
2. Kona clock	Pat Bemis	064	Helen Kalanen- Chassel, Mi.
3. Silver/Hematite ring	Arnold Mulzer	491	Wayne Riopelle-Marquette, Mi.
4. Bloodstone bolo	Nelson Short	1046	C. Cooper, Darien, Il.
5. Silver/Hematite pendant	Pat Proconier	1098	Rita Thorson-Menasha, Wi.
6. Ropes Gold tie tac	Wattsson & Wattsson	121	Harry Keck- Darien, Il.
7. Double pen set	Don Ruonavaara	190	Allen Gauthier-Little Lake, Mi.
8. Mozarkite bolo 7 buckle	C.&J. Bulat	699	Celisse M. Provost-Westland, Mi.
9. Copper salt & pepper	Copper World-Calumet	1079	Dr. L. Rosenbaum-Ishpeming, Mi.
10. Jasper Book Ends	Keweenaw Gems-Houghton	740	Sally Ahrndt, Skandia, Mi.
11. Ropes Gold ore clock	Jim Proconier	322	Olive Sain-Marquette, Mi.
12. Hematite necklace	Dawne Smail	970	Mary Jayne Wasson-Skandia, Mi.
13. Copper specimen	Northern Minerals		
	Hancock	015	Don Auler-Villa Park, Il.
14. Agate Ming tree	Olive Sain	690	Ernest Johnson-Marquette, Mi.
15. Spec.Hematite book ends	Red Metal-Tamarack Mills	542	Pat Jones- Ishpeming, Mi.
16. Phenocryst clock	Pat Bemis	727	Lucille Scotti-Marquette, Mi.
17. Scrimshaw on Fungus	Don Auler	482	Al Jackowick-Marquette, Mi.
18. Epidote pendant/silver	Harry Keck	249	Chandryce Johnson-Gwinn, Mi.
19. Cu Thimbleberry leaf	Copper Art-Calumet	410	Dan Jackowick-Marquette, Mi.
20. Kona Clock	Bob Markert	841	Lowell Merlett- Ahmeek, Mi.
21. Malachite pendant	Bart Bartelli	1018	Marcella Gere- Marquette, Mi.
22. Onyx Pen Set	Bob & Marian Markert	060	Doug Courtman- Canada
23. Kona clock	Bruce Spike	424	Susan Grosse- Marquette, Mi.
24. Sterling silver necklace	Jim Bowns	962	William Richards- Marquette, Mi.
25. Marble pen set	Bob & Marian Markert	1075	Luella Steinbrecker- Iron Mountain, Mi.
26. Jasper pendant	Leon Anderson	743	Sally Ahrndt- Skandia, Mi.
27. Cu & Epidote clock	Laurence Sain	910	Fred Sandquist- Ramsay, Mi.
28. Kona pen set	Ernest Johnson	638	Alma Yeahey- Munising, Mi.
29. Onyx/Shell necklace	Cat's Eye Creation	1067	Donald J. Thorson- Menasha, Wi.
30. Puddingstone clock	The Rock Shop-Munising	905	Charles R. Mohle-Evansville, Ind.

Annual "COLOR TOUR" field trip.....Bruce Spike

AUTUMN- that season between summer and winter, Nature's ritual of "changing of the guard"; colorful, exotic, awe inspiring vistas, Indian summer, characterized by beautiful weather and those wonderful rich odors of ripening leaves.

This is the setting of our annual 'color tour' field trip. We have so many choices in areas to visit and they start right at our back door. We could travel for days and not have to look at the same scene twice. However, since we try to make this a one day trip, I have made up the following itinerary of places to visit and the route to follow.

Meet on Baraga Ave., by the Court House at 8:30 A.M., Sunday ready to roll. Date- Tentatively Sept. 30th. Proceed southeast out of Marquette on US 41 to the junction of Co. Rd. 460. Then turn left on to a gravel road which leads into the DUKES EXPERIMENTAL FOREST. We will make a short stop to view the VIRGIN TIMBER TRACT (231 acres), stretch and take pictures. Continue on east and bearing right to M 94 then east thru Eben and Chatham with a planned stop overlooking the Anna River Valley for pictures. Anyone who wishes to take pictures enroute can do so and then catch up.

After this stop we proceed to the junction of M 94 and M 28, turn left into Munising to the junction of H 58 and go east past the Paper Mill which is clearly visible from the turn. The Hiawatha Forest Information Center is on your right also as you turn. Charles Yeihey will join us as we pass his rock shop. About five miles past the paper mill we will make a left turn on H 13 (pictured rocks trail) to Miners Castle. A short drive (one mile or less) is Miners Beach. Picnic tables and other facilities are available at these two places. We can have lunch here if you wish. If you are not hungry yet we will wait for the Beaver Basin Overlook about 25 miles further on.

Fortified with food and drink we are ready to hit the road again. We need to back track to H 58 and proceed east (here H 58 is known as the Adams Trail). Also it's dirt road from here to Grand Sable Lake. We follow the Adams Trail for a short distance past the Kingston Lake corner for some views of the Kingston Plains. This is old Pine land, the old pine stumps attest to the magnificence of the original pine forest.

Back to H 58 and turn right (north) Kingston Lake road. There should be opportunities for pictures at Kingston Lake. Several miles further is the White Birch Forest and Twelve Mile Beach, more pictures. Another 7 or 8 miles and a left turn to Devils Slide Overlook (a relic of the Pine days when logs were dumped down to the lake to be rafted). Back to H 58 and east to Grand Sable Dunes and Grand Sable Lake overlook. Paved road from here on. Sable Falls is close by, let's stop for a look. Next stop is Grand Marais; then hit the road to Marquette, down M 77 to Seney (that hell city of the early logging days) on M 28. It might be interesting to stop at Star Siding to view the (METEORITE?) which gives the place its name.

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One more group stop on top of the hill when leaving Munising, an overlook of Grand Island and Sand Point across the bay. Gas prices in Munising are 20¢ cheaper than Marquette. A re-fill of tank and tummy might be needed.

December 2--Christmas Party.....I Bartelli

Huge wedges of geese slice open our bright blue, October skies to make way for the leaden gray snow clouds on their heels. The birds honk a farewell to us on their journey south as they watch us busy with a bountiful harvest.

We're splitting and stacking; canning and jamming; digging, pulling and picking; we're raking and composting. Bows and guns replace fishing rods. We're shopping for anti-freeze, mittens, boots and long underwear.

Fall is here with a beautiful blaze of color and cool, clear, crisp U.P. air. Its a rest-less time of year. We want to get out to play and enjoy every minute of warm weather but there is much to be done to get ready for winter when much of our work and pleasures will be indoors.

A distinct pleasure for all of us will be our annual I.R.M.C. Christmas party. It will be held at the Northwoods Supper Club on Sunday afternoon, Dec. 2, from 1 to 4 p.m. There will be a gift exchange, usually rock related not to exceed \$5.00 in value. Ladies bring a gift for a lady and men for a man. Contributions of wrapped door prizes will be appreciated.

Each person is expected to bring a big appetite for the occasion as the folks at the Northwoods sure spread a delicious banquet for us as in past years in their cozy fireside room.

The meal will cost each person \$5.00 with the remainder to be paid from the club's treasury. We expect all members to come and enjoy. Register with me a week in advance, please.

Sign up for 1990-1991 with Jan Ruonavaara

HOSTESSES: October \_\_\_\_\_, Nov.-Jan Ruonavaara, Dec.- Pat Procunier, January \_\_\_\_\_, February- Smails, March \_\_\_\_\_, April \_\_\_\_\_, May \_\_\_\_\_.

Door Prizes: October- Arnold Mulzer, November- Sains, January \_\_\_\_\_, February \_\_\_\_\_, March \_\_\_\_\_, April \_\_\_\_\_.

Bits and Pieces.....Arnold Mulzer

The rockhound season is coming to an end; it was both a good and bad year. First the good; made new friends, went to new places, and collected different specimens. Maybe I shouldn't have used the word 'bad', but like most clubs we failed in getting more new members, especiall younge people. Let's make an effort next year to attract the younger set.

Our Swap in August was the best ever, a record numer of outside clubs attended the Cracker Barrel session. The field trip to Lindbergs Quarry gave us material never before collected.

Jim Bowns and I attended the Midwest Convention at Evansville, Ind., where we met other IRMC members--Shorts, Williamsons and Kecks. I thought this would be my last Hurrah but I had such a good time, I am looking forward to the next one in South Bend.

Our up to date roster is being made up by Tom Peterson and if you want a copy, send me a large self-addressed stamped envelope and I'll get one to you, or better yet attend one of our future meetings. Let me know if you find any mistakes. Tom will correct them.

Dues for 1991 are payable now before inflation sets in. The present rate can't last much longer.

Before I close this article I want to give special recognition to members downstate and the Chicago area for the help they gave us at the Swap ; furnished prizes for the raffle and material for the silent auctions, and again to Tom Peterson for putting the roster together.

To settle the estate of a former member, an outstanding rock collection must be sold. There are over 2,000 specimens. For more information call 1-813-842-2302.

OUR FIRST FIELD TRIP, May 1953

It was May month in 1953, shortly after the IRMC club became organized that our official club planned a one day field trip. It was to be in the Republic area of Marquette county, and it was to latch onto beautiful red unaltered garnets. The temptation was in the hands of our treasurer, Bud Bamford. The garnet was red and about 3" across--on one of the faces of the garnet was the cast of another one. This was definately not an aphrosiderite garnet of the Michigamme area. Bud said the Cleveland Cliff worker who presented him with the garnet said that it came from the Fence River area, just south of the Magnetite mines. The interest was built up at each of the club meetings since we organized in January. The Markerts even ordered a new car which was delivered to the dealers the day before the field trip. But gloom entered the picture--the car wouldn't be ready until the day after the field trip. I could have called that salesman down to the lowest, but after the field trip I could have kissed him.

About 6-8 full cars left the city of Ishpeming armed and equipped for a full days collect-in in a very rough and primitive collecting site. Little did we know that the first mud hole was to be encountered just beyond the Trout Falls River bridge and what's more irritable was the seven additional mud holes awaiting us. Each mud hole required everyone to get out and push each of the cars through the mud and just imagine the amount of chrome trim we left in those holes. I kept thinking about our new car back there on the trailer at the Ford garage, and I also kept thinking about these holes getting deeper for our return trip.

We finally got to a hole that we knew we couldn't negotiate so we unloaded ourselves and our gear to walk the rest of the way. What we actually ran into was a swamp where it was necessary to step from one clump of grass to another. The return trip was plunging right in regardless of how wet we became. That's not too bad until you realize the "ourselves" included an 18 month old child. She was carried the rest of the way to the Fence River and it was decided enough was enough--she and grandma and a few others returned to the car while a few of



the most hardy individuals waded across the fast moving stream to the location where the garnets were supposed to be. Look they did, but to no avail for the garnets but do you know what they found? Fairy Crosses, Staurolites were in the rock cuts of the Fence River. After picking up some loose ones and chipping some out of the ledge, they returned to those of us who were back at the cars. The ohs and ahs made up for the thought of the long trip back through the mud holes. I really felt sorry for the practically new buick of charter member Bob Richard but we were all in the same boat or we wished we were.

A little side note--at the bridge of the Trout Falls River a very good find was accidentally made by this writer. Having pushed the last car through the last hole I headed up the road on a dead run and just before arriving at the first car in line, I bent down on the run and scooped up a lead colored piece from the road and to my amazement after getting home and examining the loot I found out that piece was a large magnetite crystal about 1 1/2" across with some sides of the crystal still showing.

On a return trip to fish the Trout Falls River with my dad I could not find a reason for that crystal to be there except the approach to the bridge was from a gravel pit.

Some questions yet to be answered:

1. Is there anything left of the Magnetite mine?
2. Can nice magnetite crystals be found there?
3. And how about that garnet? Was it from the Magnetite mine? Or from the nearby country side?

.....Bob Markert

**PYRITE SUNS FROM ILLINOIS**

T Town Rockhound, via Golden Spike News

Pyrite suns are found in the coal mines near Sparta, Illinois, at the 300 foot level. They are in a very narrow seam on top of the coal vein. Miners bring them up in lunch buckets--otherwise they would be destroyed in normal mine operations. Originally they were thought to be Marcasite, but researchers at the Smithsonian found them to be Pyrite and therefore very durable. They are surrounded by shale and coal, and it is difficult to reveal their beauty. They have been dated at 35 million years. It is theorized that they are pyritized fossil lily pads.

**DID YOU KNOW?** The deepest canyon in the United States is not the Grand Canyon, but a gorge along the Idaho-Oregon border called "Hell's Canyon". Cut by the winding Snake River, Hell's Canyon is 7,900 feet deep at its deepest point, or 2,000 feet deeper than the deepest part of the Grand Canyon.

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Membership: Chairman--2nd V.P. The club is open to anyone interested in Earth Sciences.

Initiation: \$1.50. Membership annual fees: Husband & Wife-\$3.00, Adult-\$2.00, Jr.-\$1.00

**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.

.....Bob and Marian Markert



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