



ROCK and MINERAL CLUB
P.O. Box 102
ISHPEMING, MI. 49489

THE JASPIRITE

Affiliated with the Midwest Federation of Mineralogical & Geological Societies

Business Meetings: 1st Friday of Month. 7PM at Jacobetti Veterans Facility
425 Fisher Street, Marquette, Mich.
Program & Activity Meetings: 3rd Sunday of Month. 2PM at Ishpeming Senior Center, Pine & Division St., Ishpeming, Mich. (Field Trips-May-October)

Here it is September, the swap is history and the summer is slowly fading into fall. Where did the last three months go? It seems like only yesterday that I was talking about the upcoming swap in August, the warm weather, and being able to explore for new minerals and locations. Time just goes too fast when you are enjoying yourself, and the people and the world around you. I hope everyone had a great summer and are ready to share their experiences.

The swap was a great success and a tribute to our club and its members. I thank you for your time and effort in bringing the swap to a successful conclusion.

Now is the time to think ahead and plan for the future. Our first program meeting is scheduled for Oct. 14, 1989 at the Marquette Township Hall. (Note change in meeting site. This was due to a change in activities at the Ishpeming Senior Citizens' Center.) See list of meeting dates elsewhere in the Jaspilite.

We are in need of programs and minerals to be highlighted for the coming year as well as a lunch chairperson for the coming year.

To keep our club moving and growing we need involvement from all, so if you have an idea, activity or whatever let us know. Get involved, be a volunteer; we need you.

President, Ernie Johnson

Secy's Minutes.....Dawne Smail

Arnold Mulzer and Bruce Spike were accepted into the Field Trippers Hall of Fame. We're very proud of these men and their popularity as guides. We sometimes wonder who enjoys the excursions most--the enthusiastic rockhounds or the 'proud of the U.P.' field guides. We love to promote the U.P., its minerals and fall colors.

Bob Proconier presented our IRMC scholarship to the MTU student, Lisle S. Doser for the 1989 fall semester.

The Marquette Magazine is interested in including IRMC activities in their publication. We need all the exposure possible to attract new members to share our interesting hobby.

The Barnes-Hecker Memorial rededication was held on June 11, 1:00 P.M. at the Michigan Iron Mining Museum in Negaunee Township. The IRMC was well represented in attendance and recognized for their support of the project. Our members were instrumental in this memorial becoming one of the important parts of the museum and its history. Several of our members had family who perished in this tragedy.

Arnold and Bruce displayed the plaques they were awarded at the Midwest Federation Show. IRMC also received an award for our donation to the slide carousel project.

The Belmores plan to donate their minerals to the IRMC as they become inactive.

Pat Bemis led us on a field trip to the Stonington Peninsula.

Our Swap/Show plans are completed and we'll set up the night before with no charge from the Township.

We had a display of raffle prizes at the Marquette Mall July 28 from 10 a m to 3 p m. We had swap flyers and raffle tickets available. Several of our men manned the table. Thank you all for your promotion of the IRMC.

Sept. 1, we met at the Markerts for a pot luck dinner. Their home is on a beautiful spot on the Dead River. Much good food and even more wonderful company--22 of us. The Aulers were with us and we appreciate so much the members who come a long way to join us.

Leona Schnarr and her daughter visited Ingrid and Bart as they visited the Copper Country to disperse the ashes of Ted over Lake Superior. We continue to offer them comfort.

Review of our August Show/Swap/Sell was mostly positive. The Kids Korner was a resounding success both in the large variety of specimens offered and in its appeal to the youngsters. One boy slept with his egg carton of materials beside his pillow--the last look at bedtime and the first look in the morning! We love this kind of introduction to rockhounding.

We'd like more of our silent auction materials to be labeled and priced before the auction. Bob Markert and Nelson Short put in a long day as they did the identification. Send in only what you'd like to buy yourself was their recommendation.

Our displays were beautiful and the show was well attended by the public. We auctioned off a beautiful specimen of dendritic copper found 15 feet below Lake Superior in the Copper Country.

Elizabeth McNamee, 116 E. Crescent, Marquette, Tele- 228-6528 Is a new member of the club. She is a pre-school teacher with interests in wildflowers, hiking, canning, and baking in addition to rocks and minerals. We welcome her and hope she joins in all the activities.

min, except in November when dedicated deer hunters asked for a Nov. 12 date. We do not have a program meeting in December; rather a dinner and gift exchange at the Northwoods Supper Club. Mineral of the month for October will be Petrified Wood. Al Murray is our chairman of this activity. Each person assigned a month will give a 4-5 minute talk on the mineral, and club members are asked to show and tell their favorite specimens of the mineral. Pat Bemis will give a talk on Petrified Wood. Sept. 8 is a field trip to Nipigon, Onartio and back to Moose Lake, Minnesota. We have 6 rigs going so far. We'll hit the beaches and visit Kakabeka Falls, and other scenic spots before we search for agates in the gravel pits. Oct. 1, will be our color tour to South of Champion, Mich., and view a dolman Bruce has discovered. This is a large rock balanced on 3 stones so it is completely clear of the ground. This stone is oriented due north! By the stars?!?! Then on to the Peshekee River/Huron Bay Grade where we hope to catch sight of some moose. The IRMC 1990 Swap/Show/Sell will be August 4 (Sat.) and field trip on August 5 (Sun.) Art Wiig will assist Ernie Johnson with our library by overseeing the sign in and out of books, etc. We have a good library; please use it.

Report on the Swap-Sell-Show.....Jan Ruonavaara

It was a huge success in many respects as you will gather from this report. Mother Nature cooperated by changing from high humidity to a cooler, sunny day. The exhibits were beautiful and informative. Tailgaters and dealers had just enough room to give a solid circle of tables to pore over, admire, swap or buy. Our Kids Korner was a wonderful highlight with a steady stream of entranced youngsters. There were plenty of specimens to fill egg cartons at \$1.00 per carton with a label for each specimen to give our, hopefully future, pebble pups a start toward becoming rockhounds. The silent auction was well attended and we had many beautiful pieces that were enthusiastically bid on. Winners felt triumphant when the table closed. Bob Markert and Nelson Short were busy all day keeping up with identifying materials. Next year we want more of the materials to be labeled and priced when they are brought in to spare our dedicated experts. Submit material you'd be willing to buy, let's keep our quality up. The cracker barrel session was well attended and the raffle prizes^{won} by many who were present, were well received. The remainder of the prizes were hand delivered or mailed to the other winners. A beautiful piece of dendritic copper from 15 feet below the surface of Lake Superior was auctioned off with active bidding (esp. between two people); the winner being Dawne Smail for a tidy sum. Perhaps we'll have other exceptional pieces to auction in 1990 to spice up the evening. Refreshments were enjoyed by all following the drawings.

The following afternoon, a lengthy caravan of vehicles travelled to Lindbergs' Quarry to select choice patterns of Kona Dolomite. Dawne and Lowell Smail hauled home a 300# piece with hieroglyphic designs. We can hardly wait to see some slabs off this piece!

Programs and Meeting Dates.....E. Johnson

Oct. 15	Charles Manto, Exec. Dir. of the Mgt. Co. Econ. Devel. Admin. will speak on his involvement with the planning of the Park Museum (Cliff Shaft). Pat Bemis will talk on Petrified Wood. Bring your choice pieces to display.
Nov. 12	Program--Show & Tell
Dec. 3	Christmas party at the Northwoods. Gift exchange
Jan. 21	Program- TBA Mineral--- TBA
Feb. 18	" " " "
Mar. 18	" " " "
Apr. 15	" " " "

The program meetings will be at the Marquette Township Hall. Turn right off US 41 across from Wright St. The hall will be on your left as you pass the Miller Distributing building. For further directions call Ernie 228-9422. We will have no problem showing sides as the room can be darkened.

Hostesses--Business Meetings

The business meetings will be held in the Jacobetti Veteran Facility as we have done in the past. Hostesses for the remainder of the 1989 year are:
Oct. 6---Allan Korby; Nov. 3---Dorothy Bowns; and Dec. 1---Pat Procunier

**The teacher had just told his class the speed of light. "So even though the sun is about 93 billion miles away," he concluded, "its light reaches us in just a little over eight minutes. Isn't that amazing?"
"Not really," one pupil shrugged. "It's downhill all the way."



Prize	Winner	Donor
1. \$50.00	Edith Struble	Ishpeming Rock & Mineral Club
2. Beads; yellow, green Jasper	Bill Hemmila	Sally Ahrndt; Cat's Eye Creations
3. Beads; Mother of Pearl & Sodalite	Esther Mullaly	Dawne Smail
4. Fluorite crystals	Brian Bask	Dawne Smail
5. Jaspilite Pen Set	Pat Potila	Bob & Marian Markert
6. Jaspilite Pen Set	Frank Cook	Bob & Marian Markert
7. Kingston Copper Clock	Ardis Johnson	Don & Jan Ruonavaara
8. Home'n Away Coffee Maker	Gordon Boone	Laura Wilhite
9. Belt Buckle; Chrysacolla & Azurite	Ray Waters	Harry Keck
10. Copper Ore Clock	Lee Wetton	Laurence & Olive Sain
11. Copper Art Leaves	Bert Cooper	Dave Walli (Calumet)
12. Clock; Epidote & Copper	Eileen Dobson	Bruce Spike
13. Clock; Ropes Gold Mine	Olive Sain	Jim Proconier
14. Copper Picture	Florence Hill	Pat Proconier
15. Copper Wall Hanging: Butterflies & Roses	Ron Pell	Copper World (Calumet)
16. Halfbreed Tie Tac	Caroline Gutman	Bob Proconier
17. Clock; Kona Dolomite	Rachel McNamee	Ernie Johnson
18. Picture; Daffodil & Tulips	Pat Bemis	Eva Courtman
19. Pin; Peristerite (Moonstone)	Colleen W.	Eva Courtman
20. Necklace; Agate	Karen Nebel	Milt Gere
21. Belt Buckle; Ohio Flint	E. McMahon	Len. Bartelli
22. Picture; Scrimshaw	E. Potter	Don Auler
23. Bolo; Turquoise & Silver	Ida Anderson	Nelson Short
24. Copper Ore Specimen	Len. Bartelli	Northern Mich. Mineral (Hancock)
25. Clock; Puddingstone	Sharon Spike	Charles Yeihey
26. Sheet Copper (White Pine Mine)	Betty Frei	Red Metal Minerals (Hancock)
27. Gift Certificate	Dawne Smail	Copperland (Lake Linden)
28. Gem Tree; Lake Superior Agates	Forrest Lake	Olive Sain
29. Ring; Hematite & Silver	Pat Proconier	Arnold Mulzer
30. Belt Buckle; Biggs Canyon Jasper	Jackie Bulat	Harry Keck
31. Pen Set; WeeWee Slate	Mary Mikkola	Pat Bemis
32. Belt Buckle & Bolo Tie (Verde Antique)	Jeff Jacobs	Leon Anderson
33. Belt Buckle & Bolo Tie (Iron lace Agate)	Jim Bowns	Chester & Jackie Bulat
34. Peruvian Pyrite Specimen	John Colantonio	Steve Whalem (Calumet)
35. Native Copper Specimen (N. Mexico)	Robert Mullaly	Bob Beauvais
36. Necklace (Greenstone & Gold)	Carl Newcomb	Dave Myers
37. Belt Buckle (Cast-his design)	Ed Yahe	Dave Myers
38. Necklace; Greenstone	Leon Anderson	Alden Potter

CRYSTALS FROM SOUTHERN ILLINOIS...Marc Wilson...via The Crystal Gazer

Southern Illinois and neighboring Kentucky have produced a wide variety of high quality mineral specimens in a variety of sizes. Most of us are familiar with the common colors of fluorite crystals from the district (purple, yellow, and blue) but something I was not aware of until recently is that each color represents a different discreet age of fluorite growth. In addition, each stage crystallized under slightly different temperature and salinity conditions, as shown by analysis of fluids trapped as inclusions in the crystals.

The oldest fluorites are brownish to bright yellow. These often have rough faces which result from natural etching by later ore fluids. Good specimens are highly prized, and not common.

White fluorite crystallized next, but usually forms a thin band between yellow and younger colors, if it is present at all.

Crystals of dark or light blue fluorite form the third stage. These often form very sharp well developed crystals, sometimes with yellow or white centers, and make attractive specimens.

Purple fluorite, the most common color from these deposits, crystallized in two separate stages. The first followed the blue stage and these crystals sometimes have blue or yellow interiors. The second stage followed crystallization of chalcopyrite-pyrite-marcasite-quartz-sphalerite and galena (in that order) and is sometimes associated with fine crystals of one or more of these materials.

Scalenohedral and prismatic calcite crystals, barite and witherite form the end of the mineralizing sequence.

Although this list is idealized, and the different stages overlap somewhat, it is helpful in determining the relative age, or place in the crystallization sequence of specimens from the district. In addition, since individual mines often have a certain combination of colors and accessory minerals, an expert can often use this information to identify which mine a specimen came from. Such a man is Frank Ward Palmer's Trading Post in Cave-In-Rock, Illinois. He has a fine assortment of specimens at reasonable prices and is well worth a visit if you are in the area.

Wouldn't this old world be better if folks we meet would say,
I know something good about you, and then treat us just that way?

Wouldn't it be fine and dandy if each handclasp warm and true
Carried with it this assurance I know something good about you.

Wouldn't life be a lot more happy if the good that's in us all
Were the only thing about us that folks bothered to recall?

Wouldn't life be lots more happy if we praised the good we see
For there's such a lot of goodness in the worst of us; you and me.

Wouldn't it be nice to practice that fine way of thinking too---
You know something good about me, I know something good about you.

REAL QUARTZ CRYSTAL has both a positive and negative energy field and it oscillates. The clear electronic crystal as grown deep in the earth over thousands of years of time, by nature produces tiny amounts of electricity when squeezed and releases oscillating vibrations at a precise frequency. It is this controlled repeating vibration rate that has made modern technology possible. All telephone, radio, television, quartz time pieces, satellite communications and spacecraft guidance systems could not exist without this fascinating energy activity.
....via Eureka News

SHOP HINT: Dip a toothpick into the resin bottle and another toothpick into the catalyst bottle. Twist the two toothpicks together and you will have enough glue for a small repair job.

HINT: "Rit Rust Remover" will remove many of the stains from quartz crystals. Wear rubber gloves. In a well ventilated area, dissolve the powder with boiling water. Leave the crystals in the solution an hour or more. Remove; rinse thoroughly.....The Trilobite
OR, if you are having trouble getting your specimens clean to see what you really have, try a regular dishwashing compound such as Cascade. Soak for a day or so in a concentrated solution. Rinse with clear water.....The Petoskey Stone.

OFFICIAL PUBLICATION OF THE ISHPEMING ROCK & MINERAL CLUB

IRMC OFFICERS for 1989

Published Quarterly

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Membership: Chairman--Leonard Nicholls. The club is open to anyone interested in Earth Sciences
Initiation fee--&1.50. Membership(husband & wife) annual \$3.00. Adult annual \$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.
By....Bob and Marian Markert



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