



April 28, 1986

THE JASPILITE

Affiliated with the Midwest Federation of Mineralogical & Geological Societies

ROCK and MINERAL CLUB
P.O. Box 102
ISHPEMING, MICH. 49849

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)

Hi Fellow Club Members,

We have passed thru the winter doldrums by having excellent program meetings and many working at their hobbies of the lapidary art. We are especially pleased with the number of programs put on by our own members which were not only interesting and informative but also served to prove the amount of knowledge and talent that lies dormant in every club.

Our micromounters have been busy and appear to have had some interesting discussions and work sessions which you will probably read about somewhere in this issue.

Our Annual Silent Auction was very successful inasmuch as it was mainly attended by our own members due to the poor publicity that the news media gave us. As president I know that they had the information in plenty of time but either failed to print it or only partially printed it. The success of the auction was due to the interest of our own members.

Now that the summer is upon us be ready to enter into all the field trips which if not published in this issue will be finalized and available at later business meetings or by telephoning a club officer.

Don't forget the summer business meetings. Hostesses are needed, please volunteer.

I hope each of you find at least one specimen or souvenir this summer that will be especially rewarding to you.

L.W. Sain, President

NMU and MTU Scholarships

Our two local scholarships for 1986 have been awarded to the following:

Mr. Theodore P. Weldum of Mishigan Technological University and Mr. Mark Sanderson of Northern Michigan University.

Both are rated very highly by the faculties of their major departments and are interested in minerals and the Earth Sciences. We offer our congratulations and best wishes for their future success. Both are natives of Negaunee, Michigan.

A MESSAGE FROM YOUR SECRETARY.....Bruce Spike

To reiterate the minutes of past meetings is not only repetitious but would also take up too much room in our Jaspilite. If you wish copies of the minutes, send me a self-addressed envelope.

I would however, like to have your attention momentarily and ask you a question. What can we do to improve our club? To answer that we need to ask ourselves what really makes a club function?

Frankly, I think it is participation. We have a small but active group of regulars, always present at meetings, always willing to take part in club activities and serve as officers. And many others who are missing out because they don't participate.

We try to make our meetings interesting, our programs instructive, our field trips productive. We would like to see more members present at meetings and more members taking part in field trips. Those of you who don't participate need to make your wishes known.

You never know, your desires may be just what we need to make our club better.

Remember August 2 and 3, OUR SWAP, SHOP & SHOW---Bruce Spike, Ch.

The 11th annual Swap and Shop--our major activity of the year is fast approaching. Only three short months away.

Lets make this the biggest and best ever. Our 1985 swap was listed in the MWF Newsletter as the place to be. I believe we can do better. Let's have more attractions--a display of mineral specimens (loaned by members and whoever); a kids rock pile! a touch stone display;

perhaps a lapidary demonstration of rock cutting, shaping and polishing; a spin the bottle for prizes; and don't forget draw prizes. The silent auction will again be a major event (we need specimens and sale items such as baked goods and crafted items).

Then there is the raffle--our main source of revenue for our scholarship fund and other club activities. SELL TICKETS!!! We need your donations of raffle prizes and as early as possible. There are many activities at the various Malls where we could display raffle prizes and sell tickets if we have the items to display. Get your donations to Jim Procnier 572 Jopling, Ishpeming, Mi. 49849 or myself, 197 Midway Drive, Negaunee, Mi. 49866.

A field trip? Of course; with many outside visitors expected, a field trip is a great way to make new friends. We plan to visit Lindberg's Quarry and perhaps other local sites, time permitting.

The Cracker Barrel on Saturday night August 2 is another feature you should not miss. It is not only a place to mingle and meet people, but also to enjoy some wonderful programs.

MARCH 16 PROGRAM and ACTIVITY

Pat Bemis presented a slide program on the Mt. St. Helens eruption. In addition he had enlarged photos of the mountain before and after the eruption. Copies of major newspapers gave pictorial and descriptive news of that fateful event that did such a tremendous amount of damage to Gifford Pinchot National Forest, business^{es} and homes.

The total value of resources and facilities lost on forest land alone was estimated at \$134,087,000. Samples of the gray ash were on display.

Following the program there was a demonstration and practice by everyone on making small 2-piece boxes for jewelry or small items out of old greeting cards or similar weight light oak tag stock. Everyone found the boxes easy to make and could see many uses for them.

Ernie Johnson brought the "know how" from a demonstration at the MWF Show in Minnesota a few years ago. Olive Sain was the substitute instructor but Ernie says he will give a demonstration during the summer Swap.

FEBRUARY 16 PROGRAM

"Campsite of Ancient Miners found in the Teal Lake Area" discovered by Jim Paquette was presented by Jim aided by slides of the dig and artifacts found, actual artifacts and his personal experience in the archaeological excavation project he initiated in 1984 and completed in 1985.

Dr. Marla Buckmaster, archaeologist from NMU supervised the dig with John Richards of the U of W-Milwaukee as assistant. In addition Jim and a number of students from NMU and Wisconsin worked at the site for six weeks. Paquette said that the material taken in the dig might go as far back as the Late Paleo-Indian group which inhabited this region 8,000 years ago.

Among the artifacts found were tools chipped from quartz and quartzite, including a variety of blades, scrapers, choppers, perforators and projectile points. Copper was also found in various stages of manufacture and was apparently from the Keweenaw Peninsula or Isle Royale and belonged to groups of Archaic Indians associated with the "Old Copper Culture" and known to have mined copper in the Keweenaw and Ontonagon areas some 2-5,000 years ago.

The site was found to be somewhat confusing by those working on the dig, Paquette said, because many different types of items were intermixed. The reason for this was probably because there was very little soil development in the region. "There was perhaps six inches of soil development on top of the glacial development", he said. "Some 10,000 years of items mixed into six inches, can make it very confusing."

Some parallels are believed to exist between the Negaunee site and one in Thunder Bay, Ontario called the Cummins site thought to be 8,000 years old. Paquette said what may have attracted the Indians to the Teal Lake area for short-term encampment may have been the large outcroppings bordering that side of the lake. Evidence of quarrying/chipping work on quartz/quartzite outcroppings were also shown in Jim's slides.

Jim Paquette is a freelance writer and photographer with an active interest in history and folklore.

"Keys to Identify Pennsylvanian Fossil Plants of the Mazon Creek Area", published by the Escon Club was donated to our club library by Betty and Chet Williamson and Dorothy and Don Auler of the Escon club and also members of our club. It is a wonderful addition to our library and our friends/members are thanked for their kindness. When you take out the booklet autographed by them you will recall times past when you visited at a show or on a rock pile. A map of the Mazon Creek area and sketches of fossils are in the booklet.

MICRO PROGRESS...Ingrid Bartelli

Yes, we have been working. In fact, we have been meeting each Tuesday in the laboratory the Sains set up for us in their basement. But we're no where near finished.

When the IRMC micromounters began the study of the flat of material from the White Pine Mine, we figured we'd be finished with a full report of all the minerals in 2 or 3 months-- all mounted, too. We are discovering so many minerals; some we can identify, others not.

We sorted the rocks into bags of Calcite, Barite, Chalcocite, Chalcopyrite, pyrite, Bornite, Silver, Copper, unknown blues or browns, etc. We have worked on each bag of the minerals to sort out those for mounting and photographing. Olive has done a superb job of trimming and mounting the specimens to be included in our club collection.

If we complete the mounting of specimens of each of the known and unknown minerals in our possession from White Pine, that will be it for this year since we'll not meet to work on them after May. The describing, cataloging and photographing will have to wait for another year. But some day the six diligent workers (Karen and Dean Rossell, Carl Gutman, Bill Rogers, Olive Sain and Ingrid Bartelli) will have a valuable contribution for the IRMC.

IRMC MEETINGS, FIELD TRIPS, SWAPS & SHOWS-- LOCAL AND OTHER AREAS

- May 2....Business meeting at the Marquette Veterans Facility.
- May 18...Local FIELD TRIP in the Whetstone area. Meet at the corner of Front and Baraga.
- May 24-27..Copper Country Field Trip. Hdq. Hancock Park. Tentative potluck at Procnunier's summer home on Sunday. Check for details.
- June 6...Business meeting at the Marquette Veterans Facility.
- June 11-13..Stonehead Lapidary and Mineral Society Show in the Mineral River Plaza, White Pine
- June 13-15..Rock Swap by the Lawrence County Rock Club at the 4-H Fairgrounds, Bedford, Ind.
- June 22..Dickinson County Field Trip; Arnold Mulzer, leader. Call him for details.
- July 12,13..MGAGS Seminar, Kalamazoo.
- July 13-20th..MWF Show and AMF Show--South Bend, Ind. Also Amish farm trip through Nelson Short. Necessary to register early. Call him for details.
- July 22..Local field trip as we host R. Whiteman and his group.
- July 25-27..Copper Country Show & Swap by the local club. Laurium.
- July 25..Business meeting at the Marquette Veterans Facility.
- August 2-3..IRMC Swap, Shop and Show at the Ishpeming Twp Hall West on US 41. Field Trip to Lindberg's Quarry on Sunday afternoon. *Tom Waggoner OK*
- August 9-10..Rock Swap by the Driftless Area Gem & Mineral Club at the Rod & Gun Club, Wyeville, WI.
- Aug. 29-Sept. 2...Labor Day Weekend Field Trip--Area open. Call an officer before the date for information on campground.
- Sept. 5..Business meeting at the Marquette Veterans Facility.

NEWS and SPECIAL NOTICES

Welcome to new member Nicholas Ilnicky who joined the club at the April Business Meeting and to returning member Tom Royal. The more you participate in the meetings and all the activities; the greater your pleasure will be.

Ernie and Helen Johnson are grandparents for the second time. Helen spent several weeks in Montana with daughter Cheryl Kohl and family.

Jim and Pat Procnunier had a month's holiday in Florida and brought back greetings from Bob and Marian Markert.

We are sorry to report that following a stay at Bell Memorial Hospital, Elmer Jarvi was transferred to the Munising Nursing Home. The distance makes it difficult for Mamie and family to visit Elmer as often as they would like. "Thinking of you" messages to both would be appreciated.

***This will be your last Jaspilite unless you have paid your 1986 dues. Send dues to Arnold Mulzer at 322 Rock St., Marquette, MI 49855 if you wish to be a member.

***The 1986 Membership List would ordinarily be in this issue of the Jaspilite but it was decided at a business meeting to have the list available for anyone to pick up their copy. If you want the list mailed to you, send a self-addressed and stamped envelope to Olive Sain 818 W. Kaye, Marquette, MI 49855.

***Jim Procnunier asks that you get your RAFFLE prizes to him as soon as possible so that he can use them in advertising the Swap, locally. He also calls your attention to a new table at the Swap this summer for your old jewelry, knick knacks, etc. So look through your dresser for articles you no longer use and bring them. They will add a new dimension to the swap.

***FIELD TRIPS. Call one of the club officers a few days or a week ahead of time for place and time of meeting to leave and also what you should bring with you.

Materials needed: Petoskey stones, 3" or less in diameter. If they are beach polished or lightly tumbled, use only sand and gravel as grit; the work will go faster. Silicon carbide sandpaper (wet or dry) #180,220,400, and #600. Pieces of inner tube or thick newspapers; pieces of cotton velvet, water, and polishing powder (Ultragloss or...)

Method: Use a thick pad of tire rubber/ newspapers under each piece of sandpaper or cotton velvet. The pad should be a little larger than the sandpaper or velvet. Use sandpaper full or half-sheet size, and work the stone around all parts of the paper for economical use of the paper.

Hold the dampened stone firmly in the hand, and rub the area of the stone to be polished on the sandpaper with a steady, light, rotating motion.

Begin with coarse paper #180. If the stones have been pre-smoothed you can start with #220. Rinse, dry, and examine for marks to be removed. This first sanding done well is very important, and saves time and disappointment later on.

Repeat with #320 paper. Stones should look almost finished after this sanding. At any step where flaws in the finishing show, go back to an earlier sanding step and do over. Repeat the rinsing, drying and checking each time before going to the next size paper. Repeat with #400 paper. This step should remove scratches left from the coarser papers, and any white spots. Rinse, dry and check.

Complete the sanding with #600 paper. Rinse, dry, and check. Examine carefully for any scratches. If there are any, go back to the #320 paper and repeat each succeeding step. When you have finished again with the #600 and are satisfied with the appearance of the stone, you are ready for the polishing.

To polish, sprinkle a very small amount of polishing powder on the slightly dampened velvet. A very short rotating rub does the polishing. Continued rubbing is not necessary. If any scratches show at this point, go back to the #400 paper and work thru #600 and polish once more. Do this until your stone looks the way you want it.

Doing each step carefully should give you a finely polished stone to be proud of.

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OFFICIAL PUBLICATION OF THE ISHPEMING ROCK & MINERAL CLUB, INC.

PUBLISHED QUARTERLY

IRMC OFFICERS FOR 1986

PRESIDENT	Laurence W. Sain	818 West Kaye Ave.	Marquette, 49855	226-7325
FIRST VICE PRESIDENT	Charles "Pat" Bemis	5305 Rice Lake Dr.	Gwinn, 49841	346-3361
SECOND VICE PRESIDENT	Dennis Mapes	285 County Road 510	Negaunee, 49866	475-9345
SECRETARY	Bruce Spike	197 Midway Drive	Negaunee, 49866	226-3933
TREASURER	Arnold Mulzer	322 Rock Street	Marquette, 49855	226-2321

MEMBERSHIP: The Ishpeming Rock & Mineral Club, Inc. is open to anyone interested in the earth sciences.

- Initiation fee- - - - - \$1.50
- Husband & Wife annual dues- - - - - 3.00
- Adult annual dues - - - - - 2.00
- Junior annual dues- - - - - 1.00

MEMBERSHIP CHAIRPERSON: Dennis Mapes 285 County Road 510 Negaunee, 49866 475-9345

JASPILITE EDITOR: MAIL ALL EXCHANGE BULLETINS TO: P.O. BOX 102 Ishpeming, Mich. 49849

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 & Marian Markert



FIRST CLASS MAIL



ROCK and MINERAL CLUB

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