

1/72

THE



JASPIILITE

Affiliated with the Midwest Federation
of Mineralogical and Geological Societies

OFFICIAL PUBLICATION
of the
ISHPEMING ROCK AND MINERAL CLUB, INC.

Published quarterly

OFFICERS-1972

President	Charles (Pat) Bemis	Gwinn
1st Vice president	Ernest Johnson	Marquette
2nd Vice president	Frazier Tubbs	Ishpeming
Corresp. secretary	Mamie Jarvi	Ishpeming
Recording secretary	Helen Johnson	Marquette
Treasurer	Dorothy Tubbs	Ishpeming
Publicity	Pat Elie	Gwinn
Librarians	Edith and Ray Anderson	Marquette
Curator	Elmer Jarvi	Ishpeming
Editors - Jaspilite	Olive and Laurence Sain	Marquette

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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OFFICIAL PUBLICATION

March, 1972

To my Rockhound Friends;

I would like to take this opportunity to thank each and everyone of you for your vote of confidence in electing me your president. I hope that I can measure up to your expectations. I would like to thank the outgoing members for doing such a good job in 1971.

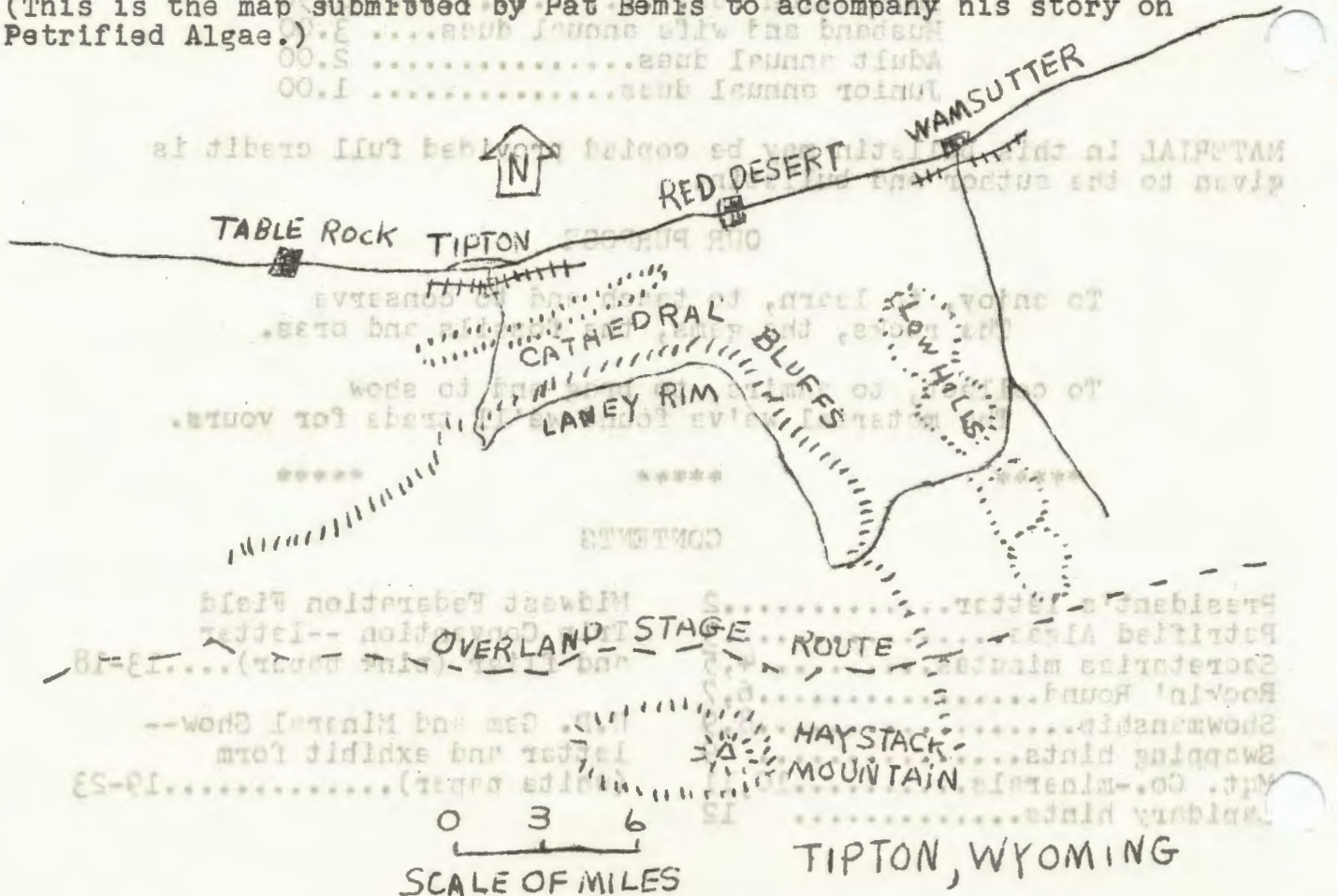
I am looking forward to the 1972 season as president of the Ishpeming Rock and Mineral Club in hopes that every one of you will come out and give us your whole hearted support to make the Midwest Field Trip Convention and U. P. Gem and Mineral Show something to remember and talk about for a long time to come.

Sincerely

Pat Bemis

Pat Bemis, president

(This is the map submitted by Pat Bemis to accompany his story on Petrified Algae.)



PETRIFIED ALGAE

There is an area in central Wyoming that is so desolate, even the Indians avoided it. This area is well known in history because Ben Holladay, the stage coach king, moved his overland stage route here in 1862. His stage before that time had been plagued with numerous Indian raids along the south pass route, and finally he moved the routing 100 miles into the area of Red Desert, Bitter Creek and Haystack Mountain to avoid such raids. This was the area of one of our rock hunts last summer where we found petrified algae.

The algae, 40 million years ago had built tremendous reefs, just as coral builds reefs. This is the same microscopic organism we find today as green scum in stagnant water. These reefs in Wyoming that were originally lime deposits had been replaced in some areas with silica to form petrified material that can be cut and polished for interesting lapidary work.

To get to this place we traveled west on Interstate 80 from Wamsutter to Tipton and then turned south off Interstate 80. At the Tipton railroad crossing we noted zero mileage as our point of beginning. The dirt road ahead climbed a low range of hills, through a gate in a drift fence to a fork in the road at 1.7 miles. Taking the right fork we passed a metal storage building at 4.1 miles and saw the Cathedral Bluffs ahead. These bluffs are several hundred feet high and extend for miles. The top of Cathedral Bluff is called the Laney Rim. There is a steep dirt road that winds up the bluff. We shifted into low gear and our pickup barely made it to the top. It sure had us worried for awhile.

At the top we turned left and drove $\frac{1}{2}$ a mile before stopping to look around. What a breath taking view! We could see for miles to the north. The view was worth the trip up there. On this stop we found much oolite which takes a nice polish. We collected about 10 pounds and moved on. We traveled east along the rim not more than 150 yards from the edge of the bluff at any time. Another mile along the rim we stopped again, this time we found petrified algae. We continued along the rim and every mile or so we stopped and found more petrified algae. The algae was found outcropping on the edge of the rim. We found more than the pickup could take. By this time it was getting late and the weather was threatening rain; to get caught in this place in the rain would be a disaster because the road was made of nothing but clay and limestone which when wet is like grease. We turned around and headed back to Tipton. On the way back we saw some mule deer and two coyotes.

That night we camped at Tipton. A strong wind blew most of the night but no rain. In the morning we headed west to continue our vacation which is a story for the next time.

Our thanks to the article in the 1971 May & June Rock and Gem Magazine written by Melvin W. Jackson which enabled us to find this wonderful place. (NOTE MAP OF AREA ON ANOTHER PAGE.)

.....Pat Bemis

.....excerpts from the....SECRETARIES MINUTES

Nominating committee chairman Audubon Jenkins presented the following slate of officers for 1972. The slate as presented was elected.

President	Charles (Pat) Bemis	Gwinn
1st Vice president	Ernest Johnson	Marquette
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Corresp. secretary	Mamie Jarvi	Ishpeming
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Treasurer	Dorothy Tubbs	Ishpeming
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Editors- Jaspilite	Olive and Laurence Sain	Marquette

Ray Anderson, Ann Voivula and Olive Sain were appointed to audit the treasurer's books.

The club voted to purchase a coffee urn and a tea pot for use at our regular meetings. Marian Markert and Vernon Miljour were named to the committee. The club is indebted to Vern for bringing a coffee urn to the meetings for almost two years.

Edith Anderson reported that the Pebble Pups will be in charge of old exchange bulletins.

Joe Collick was made an honorary member of the club posthumously and the certificate was sent to his wife.

A supply of Uniform Rules and Exhibitor's Manuals have been purchased by vote of the club. Dorothy Tubbs is in charge of selling them at cost; 40¢ for either one. They will be available at the March meeting so come with the exact change, please.

*** Due to many conflicts and the Flea Market at the Ishpeming National Guard Armory on our regular meeting date; the board has changed our meeting to the fourth Sunday, March 26. This should enable more of you to participate in the Silent Auction on March 26.

Dawne Small will be the receptionist at the sign in table at regular meetings and take care of door prize drawings.

Jim Quayle will be in charge of the silent auction at the March 26 meeting.

Marlene Bruungraeber will take care of the Lapidary Journal subscriptions for 1972. If you subscribe to the Journal--do so through her. The club receives \$1.40 for one year subscriptions. You specify whether yours is a renewal or a new subscription. Each subscriber receives verification, giving the number of issues and dates of first and last issues. (Another way to make money for the club at no cost to you.)

Negotiations are underway with the White Pine Copper Co. for copper ore to be used in the Convention packets.

Excerpts of secretaries minutes continued.....

The club thanks the Smalls for sharing some of the Moonstones from their summer's trip into Canada. We appreciate the addition to our collections

As part of the January program, Christine Miljour gave an illustrated talk on "The Western Look in Gemstones and Leather." The several examples of jewelry were simple but beautifully done and were an incentive for the viewers to try their hand at similar projects. An excellent way to combine two hobbies.

A slide program entitled "South Dakota Field Trip" was shown and narrated by Vern Miljour with many interesting additional comments by Vern Miljour and Pat Bemis who had "been there."

In February, an interesting and informative program on exhibit "Showmanship" was presented by Dorothy and Frazier Tubbs. (Excerpts from her talk on 'Showmanship' are included in this issue.) Their educational exhibit on Copper was used to explain how thoroughly judges evaluate each exhibit using the Uniform Rules Manual. To further emphasize showmanship, they showed slides taken at several large shows they had attended of some of the outstanding and unusual exhibits. They have also graciously offered to help any member who is preparing an exhibit for our U.P. Gem and Mineral Show.

The April program will be on identification of rocks and minerals to be held in our area and to prepare us to be field trip guides for the Convention.

Reports on progress of Midwest Field Trip Convention committees have been given at each meeting. (a portion of this issue is devoted to the Convention).

Bernard Smith and his committees reported on progress of the 5th U.P. Gem and Mineral Show. (a section of this issue brings his report in detail).

We WELCOME the following NEW MEMBERS:

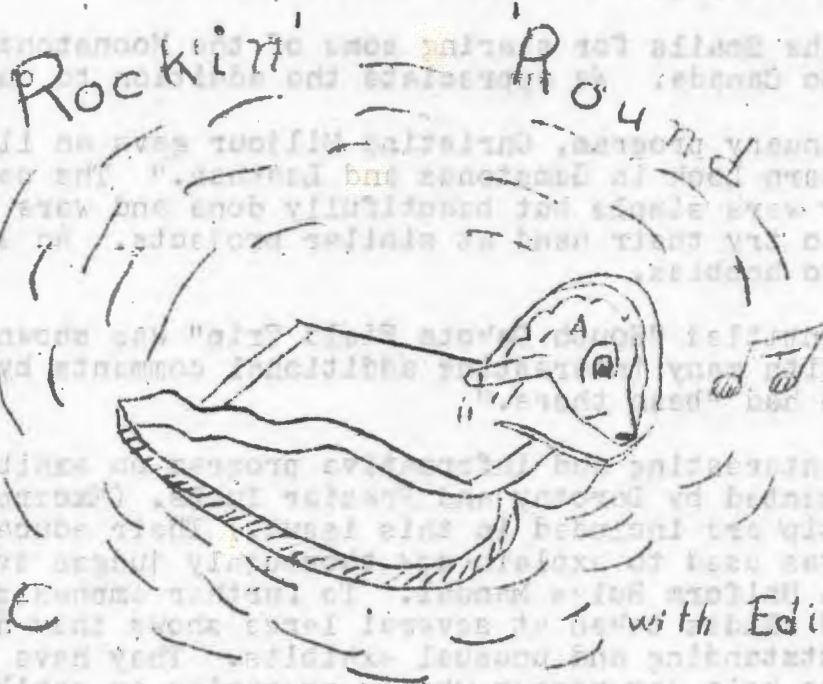
Dunham, Joseph J. 1256 M28, Marquette,
Dunham, Eileen A.(Mrs) " " " "

Fallat, Lyndon 402 1/2 Bluff St., Negaunee

Mager, William 501 Ready St., Ishpeming

Wiig, Gloria Jean(jr)715 Croix St., Negaunee

Smith, Deborah(jr) 2433 Cherry St., Marquette



IR & ME

with Edith Anderson

HOSPITAL-- Mrs. Bemis (Teresa) is home after ten days in the hospital for surgery. We wish her a speedy recovery.

WEDDING-- On February 12, Michael Miljour, son of the Vernon Miljours, and Doreen Tapola, granddaughter of Charles and Selma Tapola were married in St. Anthony's Church, Gwinn. The couple is living at Wingsford where Mike is doing his practice teaching.

Grandparents-- Where was Adeline Hudson at the last meeting? At Bell Memorial Hospital to see their new great grandson, Jeffrey Raymond Vasseau born February 18.

ENGAGED-- Royal and Pat Elie announce the engagement of their daughter Ann Marie to Larry Datson of Steele, Kentucky and now stationed at V.I. Sawyer Air Force Base. They are planning a May wedding.

AUTHOR-- Bernard Smith has had a chapter published in Volume One of The Biology of Lampreys. The chapter is entitled "Sea Lampreys in the Great Lakes of North America". U. S. Bureau of Commercial Fisheries, Biological Station, Marquette, Michigan, U. S. A.

CORRECTION-- Clem Newman and not Audubon Jenkins retired from the C C I as stated in our last Jaspilite. Good luck Clem and lots of happy rock hunting in your new found free time.

We were pleased to see the Maynards back at our last meeting. They have had a bad winter with Rufus wrenching his shoulder and then the flu which turned into pneumonia.

SYMPATHY-- We extend our deepest sympathy to the Bob Markert family. Bob's father, Charles I. Markert passed away January 17.

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

1972 MIDWEST FIELD TRIP CONVENTION--Everyone should be on a committee. Have you committed yourself? It will take a 100% involvement to make a success of this venture so come forward and offer to help in the many ways you can. Boost the Old Timers group at the convention. Mr. John Jacobson is chairman and will arrange a place for them to meet old friends. The coffee pot will be going all the while. A good place to hear about "the good old days."

The Brunngraeber family with assistance from the Schenks have offered to make all the favors for the big banquet. Wow!

Six members from the Pictured Rocks Club of Munising came to the steering committee meeting at the Ishpeming National Guard Armory. They were Bob LeVeque, Margaret Thompson, Ann Thompson, Lillian Dufour, Alma Peterson and Elinor Wolff. Al Murray, a member of our club and the one in Escanaba also attended.

JUNIORS-- The juniors have been meeting separately during our business meetings. Larry Poutanen and Sheryl Johnson have offered a prayer to open each meeting this year and supplied an attractive centerpiece for the lunch table. In the absence of Chris Miljour, Mike Quayle has been in charge of a work program for the group in polishing rocks and setting the polished stones. Another project was rock identification followed by cementing rocks to a cardboard and labeling them. Jeanette Larmour helped them at the February meeting.

Ken and Frances Hodgins are enjoying their winter vacation in Harlingen, Texas.

Doris and Fred Garceau are in Florida and visited with Helen and Arne Nelson until they found an apartment.

Our club was pleased and proud to learn that CHLORASTROLITE has been made the official gem of the State of Michigan. Especially so since we had initiated the action. We hope our second project will be as successful, that is, to have HEMATITE named as the state mineral.

D U E S A R E D U E ...DUES ARE DUE ...Dues Are Due ..dues are due

Our new treasurer, Mrs. Dorothy Tubbs, has a supply of membership cards. All she needs is for you to pay your dues and she will see you get one.

Although you have until April 1 to pay your dues, why not beat that deadline and send them in with the form included in the Jaspilite or pay them at the March meeting.

Save the treasurer having to send out dues notices after April 1. Postage to do this counts up; besides those receiving notices are often--hurt, miffed, irritated, embarrassed and yes, even angry. For your dues you get lots of good fellowship at about 8 meetings, several field trips, 4 club bulletins, chance to acquire knowledge, etc., etc.....

SHOWMANSHIP... Dorothy Tubbs

(Excerpts from Dorothy Tubbs talk at our February meeting)

A favorite case because of the limitless possibilities for arranging displays is the Northwest Federation case which is box-like measuring 4 x 4 x 2 feet with a glass front. The case can be lighted by using 2 - 100 watt flood lights or 3 - 75 watt bulbs. These should be inserted in holes cut in the top of the case with plenty of space around them for ventilation.

Specimens can be placed on risers or steps or bases made of styrofoam (the kind used for insulation which is cheaper). Steps can be made of varying thicknesses and arranged symmetrically or asymmetrically. The steps may be left plain or covered with a fabric (stretch fabrics are easier to work with).

Lining the back, bottom and sides is usually done to show off the specimens to best advantage. Cut very stiff cardboard panels to fit each space and stretch the fabric over the panel and then fasten the panel in place in the box. Covering panels rather than adhering fabric to the box allows you to change the lining when displaying different groupings of specimens. The color and type of lining should complement your specimens. A safe choice is a pastel color.

There are other types of cases that can be used; flat cases with glass tops for top viewing are good for jewelry, cabs or small specimens; upright case with a glass sloping front with either glass or wood shelves; Timex cases, etc.

Usually lights are placed high in the back, but in a slant front case you can place them on the side or in the front. Be sure to provide adequate ventilation since there will be considerable heat from the bulbs (drill ventilation holes in the top of the case). Regular bulbs are preferred but daylight type fluorescent lighting can be used. Painting the ceiling of the case white aids in light disbursement.

When planning your exhibit refer to the Uniform Rules Manual to select the division that applies to your best specimens. If you are entering in competition be sure to do exactly what the book states. Any straying from the rules, even though to you the additional touches seem to add interest can cause you to have points taken off by the judges who must follow the uniform rules.

Labeling is important. Use cards of the same size and only large enough to contain the necessary information about each specimen. Follow the Uniform rules manual in printing your labels also check a reference book for correct spelling. The printing should be easily read but not so large it overshadows the specimens. Labels should all stand or all lay flat by each specimen.

Specimens should be clean, free from flaws and be free of unnecessary matrix. Don't crowd the specimens in the case; usually allow as much space between specimens as each one occupies. If mounts are used, they shouldn't detract from the specimen.cont'd

.....SHOWMANSHIP continued...

Finally, set up your case early. Look at it each day and change the arrangement until you are satisfied that you can't improve on it. Draw a diagram of the display to use as a guide when setting it up at the Show. Pack each specimen carefully for transportation. Protect the case, liners and specimens so they won't get soiled. In a separate box, place glass cleaner, rags, screwdriver, light bulbs, extension cord and anything else you may need in setting up your case. Good luck. You will not only have a display to be proud of at the Show but also at home.

SOME SWAPPING HINTS

(Earl Smith..via Blossomland Gem & Mineral Soc.)

Swapping can be fun if you know how. Most rockhounds swap with friends all the time, but get cold feet at the thought of swapping at shows. But this can be fun, too.

The first rule is: "Leave the crud at home!" If you don't want it, what makes you think someone else does? Take a good variety and a few extra pieces.

You may get the short end of some trades, but you'll also come home with several extra slabs or specimens to add to your collection. Chalk the first up to the price of learning; now you know which is your most desirable material. You don't need to know the dollar value of a piece, just its quality or rarity. Once you know this, you won't hesitate.

Take at least 3 grades of material: a plastic dishpan of cabbings and specimen quality slabs; better stuff for the second group; and the third group should be your prime stock. Trade the first one 1 for 1; it keeps trading active and helps beginners gain confidence. Use your judgment on the second. Trade the third for something outstanding or something you really want.

Do not put all of your material on display, and then learn to say "NO"! If you're not satisfied with the trade, say so, but then offer to trade something from your first or second group. He may even come up with something you'd really like.

A word of caution: When you are swapping, do not let someone take one of your samples to his table with the understanding that you can go to his table and pick out some pieces. Keep your specimen in your possession until you're satisfied.

Don't let "bum deals" discourage you. People are people; just learn to cope with them pleasantly. You can have a lot of fun swapping, get many good specimens, and best of all get acquainted with many great people.

Have specimens arranged neatly and attractively on your table, be friendly, take good specimens for lively swapping, and take turns being in charge so you can circulate.

MARQUETTE COUNTY-- minerals galore

Whether you are a collector of cabinet sized specimens, thumbnail sized specimens or micromounts you will find that this "Iron Country" has an innumerable variety of minerals. If you specialize in a specific class of minerals, crystals, etc.; this county will have much to offer. If your interests lean toward reshaping nature's handiwork or investigating the inner beauty of a good sized piece of mineral by sawing the specimen in half, cutting thin slabs to see through or study under magnification, making cabochons in various shapes with cutting, grinding and polishing machinery or equipment or last but not least, you have a tumbler to polish small rough pieces for jewelry or ornaments you will find an abundance of material available.

Most local hobbyists are "generalists" in that they have a broad spectrum of local rocks and minerals which they use and/or display in different ways.

If you are a newcomer to this area or plan to do some collecting or trading you will want to know what is available. There are many good books to give you the information; three of which are listed below as starters:

Geology of Michigan, John A. Dorr and Donald F. Eschman. Ann Arbor The University of Michigan Press, 1970.

"Rocks and Minerals of Michigan", State of Michigan Department of Conservation. Publication 42. 1953. (Out of print but may be in your local library.)

"Midwest Gem Trails", June Culp Zeitner, 1964.

Generally, minerals are listed along with their locations which would make this article too lengthy so they are grouped according to 1. metallic, 2. non-metallic, 3. rock forming, and 4. rocks. Some may be listed in the wrong place but then that just proves that you were alert when reading this article and that you know more than the novice who put this article together. (Two points for you!)

1. METALLIC MINERALS: Hematite (many varieties), Limonite, Magnetite, Marcasite, Pyrite, Siderite, Manganite, Ilmenite, Gold, Silver, Psilomalane, Goethite, Martite, Sericite, Corundum, etc.
2. NON-METALLIC MINERALS: Calcite, Dolomite (esp. the "mono dolomite") Barite, Quartz (many varieties), Jasper (esp. "Marquette" jasper), Talc, Agate (esp. "bacon" agate), Chert, Asbestos, Jaspilite, etc.
3. ROCK FORMING MINERALS: Verd antique, Tourmaline, Grunerite, Serpentine, Feldspar, Augite, Epidote, Chlorite, Mica, Garnet, Staurolite, etc.
4. ROCKS: (a). Of the many igneous rocks, one of the most unusual is a granite porphyry with large crystals (phenocrysts) of feldspar.

.....Marquette County--minerals galore..

(b) Among the sedimentary rocks, the one of historic interest is the "Marquette brownstone" a dark, reddish-brown sandstone once quarried in this area and used to build many public buildings. Along the upper waters of the Yellow Dog River, in one particular area, can be found a multi-colored, striped sandstone of a very fine grade suitable for many projects.

(c) Perhaps the most common of the metamorphic rocks are the many varieties of Schist. For the lapidarist, some of the most popular are the WONO DOLOMITE (scenic and colorful as well as easy to polish, even by hand), JASPILITE (with its dark red and metallic black bands), and VERD ANTIQUE (also used commercially for building and ornamental purposes).

A nice addition to a collection relating to IRON would be "pig iron" and "slag" from the coke furnaces used in the early days of iron mining in the county.

Along with all your rock and mineral collecting equipment packed for a vacation in this area, include a camera and fishing gear. There are panoramic views of cities, lakes and forests from the rocky cliffs where you may be exploring for rock and mineral specimens. Scenic pictures to accompany your "treasures" will be reminders of this picturesque area. Either the streams, inland lakes or Lake Superior should provide a challenge to any fisherman to try his skill at providing a nice catch of "penfish" to fry over an open campfire.

Marquette County welcomes you to visit her. Respect and take care of her natural resources and you will be invited to return again and again.

CHLORASTROLITE....Michigan's State Gem

February 11, 1972, Gov. W.B. Milliken signed the bill which makes Chlorastrolite the official State Gem. The bill was introduced by Representative Hellman of Dollar Bay. It passed the House 77 to 11 and the Senate 20-4.

Chlorastrolite or Pumpellyite is a mixture of silicate materials found in compact gray-green nodules seldom larger than 3/4 inch in diameter. The finest grade of this material makes into fascinating cabochons due to the "turtle back" pattern of light to dark olive green patches. These patches or "stars" appear to shift as the gem is turned under a light. The "greenstone" as it is commonly called is compact, lacking in inclusions or soft places and takes a very high polish. It is found off Isle Royale and in parts of the Keweenaw Peninsula.

Small, rough specimens may cost from \$1. to \$10. Unmounted cabs 6 to 12 mm may cost in the neighborhood of \$12.00

NEW METHOD OF TUMBLING

The writer believes that the following can take much of the work from the popular method of polishing rocks and or gemstones by tumbling. All of the instructions we have seen state WASH STONES AND TUMBLER VERY CLEAN BETWEEN EACH CHANGE OF GRIT OR FINAL POLISH MATERIALS. At the same time stating "If liquid is too thin add some slurp or grit from previously used material." We know some will argue against our method but here goes.

DON'T WASH AT ALL AFTER EACH WEEK OF TUMBLING WITH GRIT. Start with # 80 grit, tumbling a week. THEN DON'T EMPTY THE TUMBLER BUT ADD 5 TEASPOONS OF NEW GRIT to the mixture in the three pound tumbler. Follow this procedure through # 190, 320, and 600 grit. Now, thoroughly wash the stones and tumbler before prepolish and final powders.

For a really glossy finish take one more week (after washing out the powder polish) adding three spoons of sugar, one spoon level of Cascade or All or any non-sudsing detergent, and about ten drops of Muriatic Acid if you have some. Let stand one minute open, close tub and tumble for a week.

We have run eleven tubs using this method and found that even ordinary sandstone comes out highly glossed. Except for extra final steps you save three washings and getting rid of the slurp each time. Saves time, work and mess; still gets a better polish on rocks and gemstones. We hope the above will be helpful to you.

.....Al Nutile (via - Tulip City Conglomerate)

A LONGER LIFE FOR GRINDING WHEELS

A very frustrating thing is trying to grind or polish a stone on a grinding wheel that is chipped and/or badly worn long before its useful life would have ended.

A prime reason for this chipping and wearing too soon is the fault of the user. Letting water run on wheels after stopping the motor causes the wheels to absorb water unevenly and causes soft spots. When wheels are used again the soft spots wear unevenly or chip. Don't let this happen! Avoid the problem! Never stop the motor running the grinder before first shutting off the water feed to the wheels. After shutting off the water, let the motor run for a full five minutes. The centrifugal force will throw off water left on the wheel and dry its surface. A wheel will not absorb water while it is running as it throws off water as fast as it is fed to it. Follow the above for a longer lasting grinding wheel and for better grinding.

(via--Tulip City Conglomerate)

Midwest Federation's NEWSLETTER

Published monthly except July and August as a service to members clubs.

All news, articles, subscription orders and requests for information concerning publication should be sent to P. O. Box 1130, Des Moines, Iowa 50311



Issue No. 123 - March 1972

1972 BULLETIN CONTEST

The annual MWF Bulletin Editors Contest for 1972 will be held at the MWF Field Trip Convention in Ishpeming, Michigan on July 21. All editors of club bulletins, newsletters, etc., are encouraged to enter the contest this year. In years past only about 45% of the clubs who have a bulletin took the time to enter. Let's see if we can have a better percentage of entries this year. We could easily have well over 100 bulletins entered.

Categories to be judged will be (1) bulletins over three pages, and (2) one and two page bulletins.

Awards will be given to the top ten winners of the over three page bulletins and the top three of the one and two page bulletins at the Editor's Breakfast on July 21. These winners will also be entered into the AFMS contest. The January 1972 issue is the one to be judged. Mrs. Leslie Pitts from the Southwestern Federation will serve as our judge.

Send one copy of your January 1972 issue to Mrs. Leslie Pitts, 2720 Hillside Drive, Jackson, Miss. 39204. Also send one copy of your January 1972 issue to Paul W. Good, Bulletin Editor Chairman, 118 N. Lindbergh Ave., Griffith, Ind. 46319.

For the special category of an original article award, send your article published in a club bulletin, that you believe worthy of the award, which Russell MacFall mentioned in the February 1972 issue of the Newsletter, to Paul Good (address above) by a postmark not later than March 25, 1972.

Remember your entries (bulletins and articles) must be postmarked not later than March 25 to be eligible for the contest.

NEW STATE DIRECTOR IN WISCONSIN

Mrs. Alex J. Rosek of the Lakeland Gem Club, Minocqua, Wis. is now the MWF State Director for Wisconsin. He succeeds William R. Funk who will continue to serve the Federation and Wisconsin as an Assistant State Director. Mr. Rosek's address is Box R, Minocqua, Wis. 54548. We wish Mr. Rosek the very best in his new position and thank Mr. Funk for his past and continuing work.

NEW LIBRARY PROGRAM

Evelyn Hirsch, MWF Program Chairman, announces a new program has been added to the MWF library. The new program, known as "Keokuk Geodes" by Stephen R. Sinotte, consists of 50 slides in full color together with the script. This program is ready for immediate booking to clubs.

The program "The Story of The Gems" is no longer available for booking and has been removed from the program list.

Mrs. Hirsch requests that a notation be made on the evaluation sheet, sent with each program, if there is something wrong with the program such as a missing slide, a slide needing remounting, etc.

Be sure to include your \$1.00 per program fee when ordering. Send your orders for programs directly to Mrs. Evelyn Hirsch, Route 1, Mitchell, Ind. 47446. Please book your programs well in advance of the month you wish to use them.

FIVE CLUBS BOOST SCHOLARSHIP STATUS

Five MWF clubs have increased their scholarship standings. They are: 800% Michiana Rock and Gem Club; 600% Blue Ridge Gem and Mineral Society; 300% Central Michigan Lapidary and Mineral Society and Grand Rapids Mineral Society; 100% Gem City Rock Club.

DIRECTORY PRICE

Because of higher material costs and increases in postage rates, it is necessary to raise the price of the 1972 Directories ordered from the Director of Supplies. The new price is 75¢. Orders received before February 15 at the previous price of 50¢ will be filled. All new orders should include payment at the new price which includes postage.

WELCOME NEW CLUBS

The following clubs have been received into membership in the MWF:

Grand Traverse Area Rock and Mineral Club, Inc., Mr. Glen C. Gregg, President, Route 1, Peninsular Shores Pk., #2 Grawn, Mich. 49637.

Sauk Valley Geological Society, Mr. Raymond Eissens, President, 510 - 13th Ave., Sterling, Ill. 61081.

Joliet Gem Club, Mrs. James R. Clevinger, 800 Elizabeth St., Joliet, Ill. 60435.

NEW PUBLICATIONS IN PREPARATION

Three up-to-date publications of the MWF are now in preparation and will be ready for distribution to member clubs within the next few weeks. They are the 1972 Directory, the Special Displays Directory, and the Program Planners Manual.

SPRING EXECUTIVE MEETING

Executive Committee members should keep April weekends open for the spring meeting of the Executive Committee. The exact date of the meeting will be announced soon and information will be sent to the members of the Executive Committee.

PLANS CONTINUE FOR FIELD TRIP CONVENTION

Plans continue for the 1972 Field Trip Convention of the MWF to be held on July 20-24 at Ishpeming, Michigan.

The field trips will be held in conjunction with the 5th Annual Upper Peninsula Gem and Mineral Show and promises to be an exciting five days for all those attending.

There will be ten dealers and displays of all kinds at the show. Slide programs have been scheduled together with daily auctions. There will be a giant rock swap on Monday, July 24.

Since there is a very good chance that this could be the last Midwest Federation Field Trip Convention all persons interested should make every effort to attend. The area is one of the most interesting in the nation for rock hunting.

There is room for only 3000 registrations so those planning to attend should make their reservations early. The fee is \$15.00 which includes the Ishpeming Kiwanis Pancake Feed on Friday, July 21 and the Marquette Kiwanis Chicken Bar-B-Q on Friday, July 21.

Additional information may be secured by writing to Charles R. (Bob) Markert, chairman, Route 1, P.O. Box 620, Ishpeming, Michigan 49849.

HELP US TO HELP YOU.....

When you write regarding your orders for the Newsletters or for any other reasons, please give us your complete name and address and the name of your club. Tell us exactly what you wish to know so that your request can be given a prompt and accurate reply. Thank you!

32 ND ANNUAL CONVENTION

5 TH ANNUAL

U. P. GEM & MINERAL SHOW
ISHPEMING ARMORY
JULY 20, 21, 22, 23, - 1972

-AGENDA-

Host Club-Ishpeming Rock & Mineral Club, Inc.
General Chairman-Bernard Smith
1513 Lynn St.-Marquette, Mich.
Admission: ADULTS - 50¢ CHILDREN - 25¢
FIELD TRIP REGISTRANTS - FREE

Set Up Time- 12:00N. - 9:00PM, Wednesday 7-19-72
Show Hours- 10:00AM - 9:00PM-Thurs., Fri., Sat.
10:00AM - 5:00PM-Sunday
Displays to be removed by 10AM-Monday 7-24-72

Check In and Out-Non-competitive display area
Displays invited, both competitive & Non-competitive. For application blank contact:
Display Chairman: Dr. Lucian Hunt
368 Park St. - Marquette, Mi.

Dealer Chairman: James Hudson
1217 Cleveland Ave.-Marquette
A total of 10 Dealers - All space taken!
Quickie Field Trips Friday Afternoon

FLASH!
The Marquette Kiwanis will make available another 1500 chicken Bar-B-Qs to those not registering for Field Trips. Cost \$2.50 for Adults and \$1.50 for Children. ADVANCE REGISTRATIONS ONLY - DEADLINE JUNE 19, 1972!

FLASH!
The Pancake Breakfast will be made available to Non-Field Trippers, if the 3,000 registrations are not received. ADVANCE STAND-BY RESERVATIONS HONORED ONLY - DEADLINE JUNE 19, 1972.
Cost of Breakfast \$1.75. Field Trippers are automatically registered.

MIDWEST FEDERATION
OF

MINERALOGICAL & GEOLOGICAL SOCIETIES
ISHPEMING, MICHIGAN

JULY 20, 21, 22, 23, 24, 1972

Hosted by:

THE ISHPEMING ROCK & MINERAL CLUB, INC.
-AGENDA-

Charles R. Markert, General Chairman
Rte. 1, Box 620 - Ishpeming, Michigan
Laurence W. Sain, Chairman Registrations
818 W. Kaye Ave. - Marquette, Michigan
Mrs. Maudie Jarvi, Ch. Housing
117 Division Street - Ishpeming, Michigan

THURSDAY, JULY 20, 1972

10:00AM - Check In Booths Open
3:30PM - 5:00PM- State Directors Meeting
Mather Inn - Ishpeming
5:45PM - 7:00PM- Executive Board Dinner
Mather Inn - Ishpeming
7:30PM - 10:00PM- Executive Board Meeting
Mather Inn - Ishpeming

FRIDAY, JULY 21, 1972

6:00AM - 1:00PM- Kiwanis Pancake Breakfa
7:00AM - 9:00PM- Bulletin Editors Meeti
Ishpeming
9:30AM - 12:00N- Council Meeting
Holiday Inn - Marquette
12:00N. - 1:30PM- Delegates Luncheon
Holiday Inn - Marquette
1:30PM - 3:30PM- Council Meeting
Holiday Inn - Marquette
4:30PM - 7:30PM- Kiwanis Chicken Bar-B-Q
Ishpeming
7:00PM - 9:00PM- Micro Mount Symposium
Ishpeming Armory
7:30PM - 9:00PM- Silent Auction
Ishpeming Armory
9:00PM- Check In Booths Closes

SATURDAY, JULY 22, 1972

7:00AM - 5:00PM- Field Trips
12:00N.- Box Lunches at Sites
7:00PM- Midwest Federation Banquet
Northern Michigan Unive

SUNDAY, JULY 23, 1972

7:00AM - 5:00PM- Field Trips
12:00N.- Box Lunches at Sites
7:30PM- Ecumenical Services

MONDAY, JULY 24, 1972

10:00AM - 3:00PM- Rock Swap - Ishpeming A

IMPORTANT:

HARD HATS & SAFETY GLASSES REQUIRED
STURDY SHOES RECOMMENDED

MEETINGS:

COUNCIL MEETING

HOLIDAY INN-MARQUETTE
9:30 - 12:00/ 1:30-3:30
AM PM
on (Friday, July 21)
DELEGATE'S LUNCHEON
HOLIDAY INN-MARQUETTE
12:00 - 1:30
PM

EDITORS BREAKFAST & MEETING

7:00AM - 9:00AM

SILENT AUCTION
NATIONAL GUARD ARMORY
FRIDAY - 7-9:00PM
JULY 21

All registrants are asked to bring a specimen for this event.

STATE DIRECTORS MEETING
THE MATHER INN-ISHPEMING

Thursday, July 20
1972

MICRO MOUNT SYMPOSIUM
NATIONAL GUARD ARMORY
FRIDAY - 7-9:00PM
JULY 21, 1972

EXECUTIVE BOARD MEETING
THE MATHER INN
ISHPEMING
7:30-10:00PM July 20

EXECUTIVE BOARD DINNER
THE MATHER INN-ISHPEMING
5:45PM - 7:00PM July
20

CHECK IN INFORMATION

Times July 19, Wednesday - 12:00N.- 9:00PM
July 20, Thursday - 9:00AM- 9:00PM
July 21, Friday - 8:00AM- 9:00PM

NO CHECK IN BOOTHS OPEN ON DAYS OF FIELD TRIPS.

PLACE: ISHPEMING ARMORY *HWY 41 ISHPEMING

YOU WILL RECEIVE A PACKET CONTAINING:

1. A brochure
2. An Identification tag for each registered-numbered.
THIS WILL BE YOUR FIELD TRIP NUMBER.
THIS WILL BE YOUR FREE PASS TO OUR SHOW.
3. Shuttlebus information.
4. Camping information.
5. U. P. Literature.
6. Reservation for Box Lunches-if reserved you pay for these lunches, when lunches are received, prices will be attached.
7. COLOR CODED TICKETS FOR:
 - (a) Pancake breakfast-delegates, officers, dealers, and editors to be scheduled through the line early.
 - (b) All others, beginning about 8:00AM and according to time and colored tickets.
 - (c) Let us know if you need early consideration.
 - (d) Bar-B-Q-You will be scheduled through by color.
8. Tickets for Delegates Luncheon & Executive Dinner(If reserved)
9. Tickets for Annual Banquet(If reserved)

MISCELLANEOUS INFORMATION

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

32nd annual MIDWEST FEDERATION FIELD TRIP CONVENTION

July 20-24

Headquarters- National Guard Armory, Ishpeming

July 20-24, 1972 are dates being jotted down on calendars and in reminder books all over the Midwest, as that will be the time schedule of probably the last Midwest Federation Field Trip Convention. This is not becoming the last of such events because of lack of popularity; the opposite is true. These conventions are becoming too popular and Clubs are reluctant to take them on for many reasons; probably the most important of which is - lack of sufficient collecting sites large enough to accomodate the terrific numbers of people, secondly lack of a sufficient number of workers to handle the groups, and thirdly why knock yourselves out on Field Trips where the chance of making money for the Club is very slim and possibly a loss could result.

It takes a lot of people, which we are finding out here in the Ishpeming Club. Our bi-weekly planning sessions have grown from 10-12 people to 40-50 people. We are getting together more often and having some fun in addition to making progress towards having a well coordinated Convention and an outstanding experience every conventioner will long remember. As far as making money, we shall be happy to break even, however, if you do see booths being operated by or for our Club, we urge your patronage. That is why we are operating a Gem Show at the same time. We were told to expect 3,000 registrants for the Field Trips, but as of this late date only 285 have registered.

We are getting many inquiries from people about the July event, we we will try to explain our set up by the following hypothetical case--- based on 3,000 participants:

(Window stickers have finally arrived so acknowledgement of registrations will soon be in the mail.)

The case of John Doe and Mr. and Mrs. Bob White --all rockhounds. John Doe is driving his camper to Ishpeming but the Bob Whites are moteling and have reserved a room at the Triangle Motel in Ishpeming. Both John Doe and Mr. and Mrs. White filled out registration forms and sent them to Laurence Sain, Marquette. John Doe's registration received by Mr. Sain indicated that John sent a completed Camper's Application Blank. He will be assigned to a camp ground after June 19 (in one of 4 camp grounds). John sent in:

registration fee	\$15.00
delegate luncheon fee	3.50
annual banquet	5.50
	<u>24.00</u>

Since John is camping he didn't send in a request for box lunches on Saturday or Sunday; guess he'll make them up in his home away from home.

Mr. and Mrs. Bob White's registration blank sent to Mr. Sain was as follows: (Mrs. White, the spouse, did not register as Bob was the only rockhound.

Bob White's registration form was as follows:

1 registration	\$15.00
2 banquet tickets @ \$5.50	11.00
1 Chicken Bar-B-Q (with a standby rerserv.	2.50
1 pancake breakfast (with standby in case	1.75
3,000 reservations are not reached)	
(Bob gets his Chicken Bar-B-Q and pancake breakfast as part of his registration fee.)	TOTAL AMOUNT SENT \$30.25

The Bob Whites reserved one box lunch for Saturday and one for Sunday. Mrs. White will not be going on the field trips so she may sleep a little later on those days knowing that the car is left behind for her to use. Bob was picked up by a Field Trip Bus at the motel site each of those mornings. She will be able to attend the show at her leisure. The Bob Whites registration blank also included the most important piece of information on the form; they told us they were staying at the Triangle Motel (their reservation had been confirmed before sending their registration to Mr. Sain.). With that information Bob White is assured of a place on BUS NO. 5 of FIELD TRIP NO. 3.

**Now what John and Bob will receive from us will be a letter containing:

1. A receipt
2. An acknowledgement of all things requested, including meals
3. A windshield sticker, which should be placed on the windshield a week or so in advance of coming to Ishpeming. This sticker will identify them to other rockhounds on their way to Ishpeming and it will permit us to identify their car on arrival for parking.
4. A map showing the location of the convention hall and where to check in.

IF BOB REGISTERED EARLY IT IS POSSIBLE THAT HE IS WORRIED. Be patient, the windshield stickers finally came so you'll be hearing from us soon.

John and Bobs registration information will be programmed onto IBM cards and sometime after June 19, and before July 19, 1972 they will be assigned to Field Trips according to where they are staying. Packets will be assembled for distribution at the "Check in" counters starting Wednesday afternoon and continuing through Thursday and Friday (July 19, 20, 21). (No check in after 9:00 PM on Friday evening, July 21.)

John Doe and the Bob Whites are planning on arriving in Ishpeming on July 19, the day that we will be setting up for the 5th Annual U.P. Gem and Mineral Show. The check in booths on the lower level of the Armory will be set up during the afternoon on Wednesday, July 19, and it is hoped that we will receive volunteer assistance to staff these booths on Wednesday afternoon and evening as well as Thursday and Friday, so an even flow of check ins can be realized.

The Bob Whites and John Doe will receive a packet at tables segregated by alphabetical breakdowns, and this is where they should leave their labeled specimen for the silent auction.

The packet will contain:

1. An identification tag for each Field Trip registrant with name and number. Wear the tag at all times as this is your pass to the Gem Show and on your Field Trip Bus.
2. A program booklet which will be a keepsake. (This will be distributed--one to a packet. One packet per family.)
3. Banquet tickets, if reserved.
4. Delegate Luncheon, if reserved.
5. Executive Board Dinner, if reserved.
6. Color coded Pancake Breakfast tickets to registrants.
7. Color coded Chicken Bar-B-Q tickets to registrants.
8. Reservation tickets for Box Lunches--payment to be made when box lunches received.
9. Information sheet, with maps.
10. Various and appropriate ribbons. Delegates and officials please indicate your official capacity in the MWF.
11. Miscellaneous leaflets.

** AT THE CHECK IN TABLE please check your packet to determine whether all contents are enclosed.

Some important things to check on before starting your trip. Have you packed the following?

1. At least 7 burlap or canvas bags, with your identification. (At bulk collecting spots you will be limited to poundage as this material has to be transported other than in buses, and it is obvious that 3,000 persons could snow us under if poundage is not set.
2. Hard Hats--required!
3. Safety Goggles--required!
4. Sturdy Shoes--suggested!
5. Fly Dope.
6. Foul weather clothing.
7. Magnet to test for magnetite.
8. Eye loupe or magnifying glass.

IMPORTANT!

There are motels left in the Marquette area. Please consider the use of dormitories as the cost is comparable to inexpensive rated motels. Approximately \$6.00 per person or \$10.00 a couple. Do list your CONFIRMED RESERVATION on your registration form.

Remember only 285 registrations have been received by this committee thus far. We have been told that there would be 3,000 of you. All registrations will be closed on June 19, no matter what the final count is on that day. Contracts for busses will be signed and dinner arrangements will be finalized within 3 days of June 19. NO registrations will be accepted after that date. If only 285 registrations are received by June 19, that will be the size of the Field Trip one month later.

Hope this information helps you in planning your trip to Ishpeming!

C. "Bob" Markert, Convention Chairman

The 5th Annual Upper Peninsula Gem and Mineral Show

The Ishpeming Rock and Mineral Club now is involved in the largest, most challenging task in its history. From July 20 to 24 it will host the 32nd Annual Field Trip Convention of the Midwest Federation of Mineralogical and Geological Societies. In addition to preparing, organizing, and implementing all of the activities of the Convention, we also will be hosting the 5th Annual Upper Peninsula Gem and Mineral Show, a major undertaking in itself.

The Show will be held in the Ishpeming National Guard Armory and preparations are proceeding well. To make it a successful undertaking that will reflect credit to our Club and the Upper Peninsula, the utmost cooperation of our membership and the other area clubs is essential.

Commercial Displays - Chairman Jim Hudson has contracted with 10 fine gemstone dealers for space at the show. These dealers will have an exceptionally fine assortment of gem and mineral materials from all over the world for sale. In addition, another company is negotiating for space to demonstrate machinery. The 10 dealers selected for participation in the Show are:

- | | | |
|-----|------------------------------------|--------------------------|
| 1. | Norm's Minerals | Madison, Wisconsin |
| 2. | Rosy's Rock & Jewelry | Calumet, Michigan |
| 3. | Hale's Rock & Gems | Cottage Grove, Minnesota |
| 4. | Rozema's Rockpile | Grand Rapids, Michigan |
| 5. | Gerald Staller | Fort Atkinson, Wisconsin |
| 6. | Zarleys Lapidary Shop | Yakima, Washington |
| 7. | Rock & Gem Jewelry | Adrian, Michigan |
| 8. | Jutsell's Rock Shop | Blue Springs, Missouri |
| 9. | Howard Wheeler Co. | Grand Rapids, Michigan |
| 10. | Pedras International Corp. | Jamaica, New York |

There were requests for space from dealers all over the United States and from Canada and Australia. We regret that we could not accommodate everyone and express our sincere appreciation for the interest in our Show by all of these people. We received requests from the following companies:

- | | | |
|-----|---|--------------------------|
| 1. | Dima-Ring Tools | Garden Grove, California |
| 2. | Bet-Roc Enterprises, Inc. | Huntsville, Alabama |
| 3. | Jerry Davis Tools | Modesto, California |
| 4. | Apache Shop | Apache Jct., Arizona |
| 5. | Gift House | Milwaukee, Wisconsin |
| 6. | Prosper J. Williams | Toronto, Canada |
| 7. | Gladys Forkeys Gem House | Orange Park, Florida |
| 8. | Melancon's Rock Shop | Oak Park, Illinois |
| 9. | Universal Wirecraft Jewelry Co. | Vermillion, Ohio |
| 10. | Hutter's Onyx | El Paso, Texas |
| 11. | Nielsons Wholesale | Livermore, California |
| 12. | Imperial Gems | Riverside, California |
| 13. | Australian Opals. | Toronto, Canada |
| 14. | United Minerals | Boise, Idaho |

- | | | |
|-----|-------------------------------|------------------------|
| 15. | Burnside Gem & Minerals . . . | Salt Lake City, Utah |
| 16. | N. Rochester | Duxbury, Massachusetts |
| 17. | A. Dan Ingebritson Opal . . . | South Australia |
| 18. | Henry's Wirecraft | Allenton, Florida |
| 19. | Gormich Rock Shop | West Branch, Iowa |

Individual Displays - The most important feature of any gem show are the club and individual displays. Every effort is being made to assure that as many exhibits as possible will be entered in our 5th Annual Show. There are already promises of club and individual displays from some of the other U. P. Clubs and we are expecting an exceptional number from IR&MC members. Individual display entry blanks have been prepared and will be available at all meetings and from Show Committee members. (Also last page of this bulletin.)**

Either non-competitive or competitive exhibits in any class listed in the Uniform Rules of the AFMS will be welcome. (Copies of this publication have been ordered and will be available to members). We are encouraging competitive displays because they not only add interest to the Show but are the most effective means of improving both the displaying of collections and craftsmanship, and the general quality of gem and mineral shows. So now is the time to start preparing your exhibits and get your entry blanks in early.

Special Exhibits - The exhibits committee, under the direction of Lucian Hunt, has arranged for several outstanding special displays, highlighted by demonstrations of ultra violet lights and fluorescent mineral displays. To date, there are six special exhibits promised and another tentative.

Ultra-Violet Products, Inc., 5114 Walnut Grove Avenue, San Gabriel, California will use one of the 24 x 25 foot classrooms for a fluorescent mineral display along one wall. They will present lectures and demonstrations with ultra-violet light during the four days of the show. Some fluorescent minerals will be for sale since most dealers will not handle these items.

Richard E. LoBuono of Treasure Island, P.O. Box 8275, Maderia Beach, Florida will be designing original settings for precious and semi-precious stones continuously during the show. His work is done entirely by hand without solder and he will freely discuss the techniques and materials he uses. He will set stones purchased at dealer booths on order.

Mary McNamar, 3513 57th St., Des Moines, Iowa will bring a display of green sphalerite minerals.

Mr. and Mrs. Ellis H. Reich, R.R. 3, Box 135, Mt. Sterling, Illinois have displays of minerals of one variety, calcite, copper, quartz, or selenite. They also have te'tites, a garnet display and a 4-H exhibit on the identification of minerals.

Elmer P. Schmidt, 130 Bluff St., Aurora, Illinois will bring some beautiful stone models of an oil pump, a spinning wheel, and a covered wagon. He will also display some cabochons and faceted stones.

E. W. Courter, 26120 Rouge Court, Southfield, Michigan has promised to bring an exhibit of mineral specimens if he returns from a trip to California in time.

Wilmer and Vesper Kirk, 21849 Firwood, East Detroit, Michigan will exhibit two cases at the 5th Annual U.P. Show. One will contain wood, amber and abalone in silver and the other will contain minerals.

We wish to thank all of these wonderful people in advance for bringing their displays to the Upper Peninsula to add beauty, dimension, and interest to our show. We hope that all the vacationers and residents in the area will take the opportunity to view these rare exhibits that never before have been shown in this area.

Judging - Dorothy and Frazier Tubbs have arranged for eminently qualified people to judge the competitive displays at the 5th Annual U.P. Gem and Mineral Show. These judges will be: Tolson Radloff of Lincoln Park, Michigan; Richard Matych of Muskegon, Michigan; Floyd Mortenson of Largo, Florida (a member of the IR&MC) and Wealthy Kribs of Corruna, Michigan.

We are indeed fortunate to have judging of this caliber for our show. Their constructive criticism will certainly help to improve the quality of our displays.

Ribbons and Awards - Chairman Ray Anderson has obtained catalogs and a decision as to types and numbers of ribbons to be ordered must be made in the near future so that they can be ordered.

Concessions - Helen Johnson has made tentative agreement with the Marquette Majestics Parents Club to handle the concession stand at the Gem Show. They will offer a good variety of refreshments throughout the show.

Other committees for the Gem Show are established and working. The other committees and chairmen are: Tickets and Admissions, Marlene Bruungraeber; Security, Bill Mager; Showcase construction, Bill Larmour; Lighting, Glen Bruungraeber and Al Murray; IR&MC club display, Lyndon Fallette; and Liaison with other clubs, Bob Marvert. We still must find someone to organize the Treasure Trove and Janitorial Service.

The 5th Annual Upper Peninsula Gem and Mineral Show should be the finest ever held in the area but it will take every effort of all concerned. So let's all pitch in and help, and we urge everyone to get their individual displays ready as soon as possible. We also invite and welcome displays from other clubs.

Bernard R. Smith
Gem Show Chairman

5th ANNUAL UPPER PENINSULA
GEM AND MINERAL SHOW

Ishpeming National Guard Armory
U.S. 41 Highway
Ishpeming, Michigan
July 20 - 24, 1972

Sponsored By:
Ishpeming Rock & Mineral Club

Show Chairman:
Bernard R. Smith
1513 Lynn Street
Marquette, Michigan 49855

INDIVIDUAL DISPLAY ENTRY BLANK

Name _____ Phone _____

Address _____

Type of Exhibit: Open _____, Minerals _____, Lapidary _____, Fossils _____,
Jewelry & Metalcraft _____, Educational _____.

Any type of display will be welcome, either competitive or non-competitive, but the host club is encouraging competitive displays. We are all amateurs, so why not have your exhibit judged so you can make improvements for future shows?

Which will you enter?

Competitive _____, Non-competitive _____, or Both _____.

Will you have your own showcase _____? Approximate size _____.

(The space available for each case will be 24 inches deep and 48 inches wide. Some extra cases will be available.)

I.R. & M. C. Members---

If time permits and some extra cases are constructed, would you be interested in buying cases after the show _____? If so, how many _____? Would you be willing to work at a showcase construction bee _____? (Cases will be sold at near cost of materials to those who help. Five dollars more to others.)

PLEASE!!!! Return of this form is important so that we may adequately plan space and facilities for the show. Please return by May 1, 1972 to:

Dr. Lucian Hunt
Exhibits Chairman
368 Park Street
Marquette, Michigan 49855

Sponsored By: Ishpeming Rock & Mineral Club

34th ANNUAL UPPER PENINSULA
GEM AND MINERAL SHOW

Show Chairman:
Bernard R. Smith
1813 Lynn Street

Ishpeming National Guard Armory
U.S. 41 Highway
Ishpeming, Michigan
July 20 - 24, 1972

Return Postage guaranteed

1st issue, 1972

Jaspilite
ISHPEMING ROCK AND MINERAL CLUB, INC.

Laurence and Olive Sain, editors
818 West Waverly Avenue
Marquette, Michigan 49855

Any type of display will be welcome, either competitive or non-competitive, but the host club is encouraging competitive displays. We are all amateurs, so why not have your exhibit judged and judged by the club's show?

BARBARA Lincush
1932 KENTUCKY AVE. #5
CINCINNATI Ohio
45223

60 ENTREES -
How Many
60-160

681-7419

Mr. and Mrs. C. Robert Markert

R.1, Box 620

Ishpeming, Michigan 49849

PLEASE RETURN OF THIS FORM IS IMPORTANT SO THAT WE MAY ADEQUATELY PLAN SPACE AND FACILITIES FOR THE SHOW. PLEASE RETURN BY MAY 1, 1972 FOR

Dr. Lucian Hunt
Exhibits Chairman
368 Park Street
Marquette, Michigan 49855