

MAR 68

**T H E**



**J A S P I L I T E**

Affiliated with the Midwest Federation  
of Mineralogical and Geological Societies

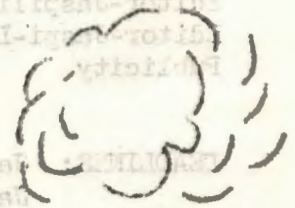


OUR PURPOSE

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 minerals we've found we'll trade for yours.

# March



In like a lamb...

ARE YOU

Are you an active member.  
The knid that would be missed,  
Or are you just contented  
That your name is on the list?  
Do you attend the meetings,  
And mingle with the flock,  
Or do you merely stay at home  
To criticize and knock?

Out like a lion ?

Do you ever work on committees,  
To see there is no trick:  
Or do you leave the work to just a few,  
And talk about the clique?  
So, come to meetings often  
And help with hand and heart.  
Don't be just another member,  
But take an active part!

OFFICIAL PUBLICATION

of the

ISHPEMING ROCK AND MINERAL CLUB, Inc.

Published Quarterly

OFFICERS 1968

President	Bernard Smith	Marquette
First Vice Pres.	Audubon Jenkins	Ishpeming
Second Vice Pres.	John Jacobson	Negaunee
Recording Secretary	Wesley Perron	Marquette
Corresponding Sec.	Mamie Jarvi	Ishpeming
Treasurer	Doris Hughes	Ishpeming
Librarian	Arne & Helen Nelson	Ishpeming
Curator	Roy Hansen	Ishpeming
	Chester Bignall	Marquette
Editor-Jaspilite	Claris Smith	Marquette
Editor-Jaspi-Lighter	Wesley Perron	Marquette
Publicity	Irene Lutes	Ishpeming

DEADLINES: Jaspi-Lighter--Articles must be in by the 15th of each month.  
Jaspilite-March 1, June 1, Sept. 1, and Dec. 1

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

Initiation Fee	\$1.50	
Husband & Wife	3.00	Dues payable
Adults	2.00	by April 1st
Junior	1.00	

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Who in this world of ours their eyes  
In March first open shall be wise  
In days of peril firm and brave,  
And wear a Bloodstone to their grave.



## YOUR PRESIDENT SPEAKS'

First let me say that I consider it an honor to be President of the Ishpeming Rock and Mineral Club and to follow in the illustrious footsteps of the many competent people who have preceded me. The relatively short time we have been active members of the club has not fully prepared me for the responsibilities of the office, but with the interest and support of each one of you your officers will do their best to make the club more entertaining, interesting and worthwhile.

Before I go any further let me tell you what I believe is the purpose or reasons for belonging to a rock and mineral club or for that matter any hobby organization. We became rockhounds for mental relaxation, physical exercise, and companionship, that is to share our interests in rocks and minerals with other people. When we group together and form a club this is really to associate ourselves with other people interested in the same method of relaxing and enjoying life. There are of course other functions of the club the most important being contributions to the community by sharing our knowledge and skills.

Now, what can we do to keep our club alive, active and interesting? First, we should maintain and increase our membership. To be healthy any organization must grow and have new people with new ideas to compliment the established ways of doing things. In this respect your membership committee chairman John Jacobson is asking for your cooperation. Each one of you must know personally former members that no longer belong and new people that are interested in some phase of our hobby. We should make an effort to contact each one and interest them in joining. Some special attention should be devoted to younger members. They are the future of our club and therefore should be given extra attention.

With a little effort, I am convinced that we can increase our membership, but we must also provide the diversions and pleasures necessary to maintain interest or nothing will be gained. We have certainly started this year in the right way. The programs for the first two regular meetings were excellent and the special slide program of a trip through the Upper Peninsula by Frazier Tubbs and Al Cooper was outstanding. Your Program Committee Chairman, Audubon Jenkins, would welcome and comments or suggestions.

Another area that needs attention is the finding and developing interesting club projects to provide recreation increase our social contacts and result in some worth while accomplishments. This year we have our gem show preparations which should keep us all busy. However we should be thinking ahead for the future.

Cont'd.



"Your President Speaks" (cont'd)

Now one other point before I stop rambling. We are fortunate in having in the Ishpeming Rock and Mineral Club two interesting publications to keep us up to date on the news. The club bulletin, the Jaspilite and our newsletter, the Jaspilite. The editors of both need your help and cooperation to keep these publications going. Please send any news items and announcements to Wes Perron by the 15th of each month. Other stories or articles of interest, to Claris Smith by the FIRST of March, June, Sept. and December.

Bernie Smith

She who from April dates her years,  
Diamonds should wear, lest bitter tears  
For vain repentance flow; this stone,  
Emblem of innocence is known.



Happy Easter to you too!

By Jove we're in luck!  
Solid Jasper!



Hutchins

BRING YOUR BETTY CROCKER COUPONS to the next meeting. SUPPORT THE "SCHOLARSHIP FUND":



GEM SHOW HIGHLIGHTS

by Irene Lutes

In our last issue of the Jaspilite, we included a reprint of a January 24, 1968 letter received from Mr. Albert Murray of the Bay de Noc Gem and Mineral Club of Escanaba, suggesting that our club - in 1968 - host the First Annual Upper Peninsula Gem and Mineral Show.

This came at a time when we were already making plans for an Ishpeming Rock and Mineral Club, Inc., Gem and Mineral Show to celebrate the 15th anniversary of its organization. Following Mr. Murray's excellent suggestion, however, our club will now host the First Annual Upper Peninsula Gem and Mineral Show to be held July 25, 26 and 27, 1968 in the St. John's School, 351 S. Pine St., Ishpeming, Michigan, in which clubs in the Upper Peninsula of Michigan have been invited to participate. In the future it is hoped that a steering committee with representatives from all of the Upper Peninsula Clubs will be formed to plan and organize shows for the coming years.

Many exciting activities are planned for the July show. There will be Educational Displays, Gemstone Displays, Exhibits of Metalcraft and Lapidary craftsmanship. Live demonstrations of silversmithing and lapidary will take place during the three days of the Show; in addition, programs with slides will be presented on:

Stones in Religion

Copper Country, Its Mines and Minerals

Petrified Wood

On Friday, July 26, from 8:00 AM to 12:00 Noon, there will be a field trip to good local collecting areas, for a nominal donation of \$1.00 per person. This trip will be by advance registration only since collecting will be in closed mining areas requiring special permission. Collectors will leave from St. John's School promptly at 8:00 AM.

On Sunday, July 28 following the show, from 9:30 AM to 12:00 Noon, there will be a Rock Swap at our Ishpeming Winter Sports Area for those who wish to attend.

Committees for the Show, besides the Steering Committee of Bob Markert-chairman, Elmer Jarvi, Jarl Kivela, and Bernard Smith are:

Lapidary Division - Pat Elie, Adeline Hudson and Marian Markert.

Publicity - Irene Lutes and Marian Markert.

Advertising - Mamie Jarvi, Lucille Wietek, Helmi Osterberg, Lena Bamford and Dominica Carlyon.

Educational Displays - Bob and Mary Schenk.

Commercial Space - Elmer Jarvi.

Individual Displays - Audobon Jenkins, John Jacobson and Ed Carlyon.

Security - Arne Nelson and George Bamford.

Tickets and Admissions - Helen Nelson and Mary Perron.

Cont'd.



Gem Show Highlights (continued)

- Janitorial - George Bamford and Arne Nelson.
- Conservation Display - Bernard Smith.
- Pop and Coffee Concession - Claris Smith, Edith Anderson, Mildred Jenkins and Myrtle Hunt.
- Club Displays - Wesley Perron and Jim Hudson.
- Judges and Awards - Al Murray, Sr., Al Murray, Jr. and Edith Anderson.
- Pre-show Picnic - Ray Anderson and Jim White.
- Silversmithing - Jarl Kivela.
- Programs - Lucian Hurt.
- Grab Bags - Doris Hughes, Mike Hughes, Clem Newman and Ruth Kivela.
- Registration - Olive Sain, Betty Anderson and Fern White.
- Special State Mineral - Lawrence Sain.
- Insurance - Bob Markert.
- Treasurer - Doris Hughes.

Two Gem Show committee meetings have been held and rapid progress is being made by the various committees. The reports by the committee members indicate that considerable effort has already gone into the planning of the numerous activities connected with what we hope will be an outstanding show. The committee chairmen will appreciate all offers of assistance from our members. If any help or suggestions are needed in getting displays made up for the show, any member of the steering committee will be glad to assist. Start Planning Your Display Now!!!! And send in the form in the back of the Jaspilite.

Further detailed information is given in the notice included in this issue of the Jaspilite, and an informative and interesting article by our Club President, Bernard Smith, regarding the forthcoming show, will appear in the April issue of the Lapidary Journal. Following is a copy of the letter received from the managing editor.

Dear Mr. Smith:

We have received your show news for your Upper Peninsula Gem & Mineral Show for July 25, 26 and 27. This will be used in a forthcoming issue of the LAPIDARY JOURNAL under "Show News".

We appreciate receiving this and are glad to have factual information about such shows. We think we can get this into the April GUIDE issue.

Sincerely,

THE LAPIDARY JOURNAL

Hugh Leiper, F.G.A.  
Managing Editor

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FIRST ANNUAL UPPER PENINSULA GEM & MINERAL SHOW

SPONSOR  
ISHPEMING ROCK & MINERAL  
CLUB, INC.

STEERING COMMITTEE:  
Bob Markert  
Bernard Smith  
Elmer Jarvi  
Jarl Kivela



MINERAL CLUBS OF THE U. P.

Bay De Noc Gem & Mineral Club  
Baraga Co. Rock & Mineral Club  
Copper Country Rock & Mineral  
Iron County Rock & Mineral Club  
Ishpeming Rock & Mineral Club  
Munising Rock & Mineral Club  
Range Rock & Mineral Club

at ST. JOHN'S SCHOOL - 351 S. Pine St. - ISHPEMING, MICHIGAN

Thursday - Friday - Saturday - July 25, 26, & 27, 1968

SHOW HOURS

Thursday & Friday July 25 & 26 -- 10 A. M. to 10 P. M.  
Saturday July 27 10 A. M. to 6 P. M.

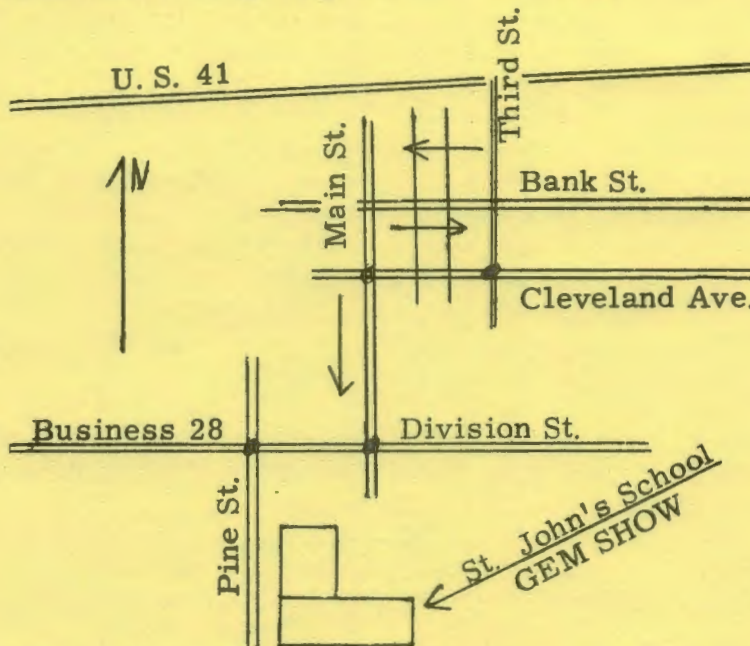
FIELDTRIP Friday July 26 8 A. M. to 12 noon  
(Nominal Donation \$1.00 - Advance Registration required)  
ROCK SWAP Sunday July 28 9:30 to 12 noon

Featuring:  
Silversmithing  
Lapidary  
Slide Programs  
Faceting

Exhibits:  
Clubs  
Individuals  
Specials

6 Dealers

ADMISSIONS:  
Adults: 35¢  
Children: 15¢



Fieldtrip information  
Lunch facilities  
Door Prizes  
Grab bags

For information contact the following Chairmen:

SHOW:	DEALERS:	CLUB:	INDIVIDUAL:
Bob Markert	Elmer Jarvi	Wesley Perron	Audubon Jenkins
Rt 1, Box 620	116 E. Division St.	326 Albert St.	Rt 1, Box 7
Ishpeming, Mi. 49849	Ishpeming, Mi. 49849	Marquette, Mi. 49855	Ishpeming, Mi. 49849

Affiliate of the

MIDWEST FEDERATION OF MINERALOGICAL & GEOLOGICAL SOCIETIES  
and

AMERICAN FEDERATION OF MINERAL SOCIETIES



## GEM SHOW COMMITTEE MEETING

The second meeting of the Upper Peninsula Gem and Mineral Show Committee was held on the evening of March 5th at the Bureau of Commercial Fisheries building in Marquette.

There was an exceptionally fine attendance by 32 Rockhounds interested in making the forthcoming show an all-out success. Besides 23 local members of the I.R.&M.C., Albert E. Murray, Albert H. Murray (also members of the host club), Gerald Collegen, and Charles W. Bowen represented the Bay de Noc Gem and Mineral Club. Leslie Tolonen and Maland Titus were present from the Baraga County Club, and Rudy Maki drove down from Houghton to represent the Copper Country Rock and Mineral Club. We were also surprised and pleased to have Dorothy and Vic Reitz of Iron Mountain brave a snowstorm in that area and join us for the evening. They expressed interest in becoming members of our club. We would be most happy to have two such nice people. Members of the Ishpeming Club in attendance were; Bob and Marian Markert, Elmer and Mamie Jarvi, Bob and Mary Schenk, Ray and Edith Anderson, Jim and Fern White, John and Hilda Jacobson, Jim and Adeline Hudson, Bernard and Claris Smith, Arne and Helen Nelson, Doris and Mike Hughes, Gaylord Anderson, Irene Lutes and Douglas Anderson.

The meeting was called to order by Show Chairman Bob Markert, who outlined the plans for the show and read a few letters received from persons interested in our plans. Of special interest was a letter from the President of the Midwest Federation personally supporting the efforts to secure legislation to have a state mineral and a state gemstone adopted.

#### Committee Reports---

Commercial Displays - Elmer Jarvi reported that invitations had been sent to seven U.P. dealers. To date, he has received two affirmative replies and one refusal. Closing date for acceptance is March 15. If no others are returned by that time, we will consider dealers from outside the U.P. At least three requests for space from lower Michigan and Wisconsin have been received.

Individual Displays - In the absence of chairman Audubon Jenkins, Bob Markert asked for comments. The Baraga Club representatives stated that there probably would be at least three individual exhibits from that area. Bay de Noc reported five or six displays and Copper Country, three or four. A discussion of the type of display case was held. A drawing of the recommended case is included elsewhere in this bulletin. It was decided that a questionnaire would be distributed to get information on number and types of individual displays expected and the number of cases needed.

Conservation Display - Bernie Smith reported that an exhibit from the Conservation Department had been promised but no details were available.

Concession Stand - Chairman Claris Smith reported that it was too soon to get commitments to operate the stand and order supplies, but that requests will be made for each lady member to contribute baked goods.



## Gem Show Meeting (continued)

Judges and Ribbons - Al Murray reported that he had no information on judges but that he is checking on prices of award ribbons. The group decided that there would probably be first, second, and third place ribbons for each of three classes, Novice, Junior, and Advanced, and an exhibitors ribbon would go to each display. Judging will be by Federation rules. Both competitive and non-competitive exhibits will be welcome.

Pre-show Picnic - The picnic is scheduled to be held at Presque Isle Park near the pavilion commencing at 12 noon, June 30. Chairman Ray Anderson also reported that coffee, ice cream and pop will be furnished by the club and each family will bring their own basket lunch.

Grab Bags - Doris Hughes reported that she has the bags and needs materials to fill them. Anyone having an extra pound or two of tumbled stones or specimens contact Doris. A work bee will be scheduled in May to fill the bags.

State Mineral and Gemstone - Chairman Lawrence Sain was not present, but Bob Markert had reported support for Hematite as the State Mineral and Rudy Maki said that the Copper Country Club was proposing Chlorastrolite (greenstone) as the State Gemstone. The Baraga representatives and the IR&MC members present supported the proposal unanimously. Now, every other club in the state will be contacted to ask their support in requesting their state representatives to back the proposal.

Lapidary - Marian Markert reported that several pieces of equipment have been lined up and machinery manned by the 4-H group from Gwinn will be in operation through out the show. Bob Schenk "volunteered" to conduct faceting demonstrations. Thanks Bob!!!

Publicity - The publicity fliers have been printed and plans are being made to distribute to all Midwest Clubs, through the State Information booths and other means, reports chairman Irene Lutes. An article on the show will be published in the Lapidary Journal and the Marquette Mirror newspaper has promised to do a feature story before the show.

Advertising - Mamie Jarvi reported that we have been promised 100 printed posters from the Kodak Company. We could use two or three hundred more and may have to make them ourselves. Edith Anderson promised to check on prices from a source she knows.

Educational Displays - Chairman Bob Schenk has commitments for seven of the educational dioramas and is looking for volunteers for the other four, Crystal Country, Fulgurites, and Minerals and Uses. Come on, we need these displays.

No reports were available for the other committees. The meeting was adjourned for refreshments. Thanks to our gracious refreshment committee, Edith Anderson, Claris Smith, Fern White and Andy Anderson.

Any mistakes or omissions are the direct result of the inept substitute secretary.

Yours truly---- Bernie Smith







## PROFILE OF A ROCKHOUND

by  
Bernard and Claris Smith

To the uninitiated our hobby invokes visions of large piles of dirty rocks, grinding machines, or in some cases, pieces of beautiful gemstone jewelry. Few think of the wonderful and capable people involved and the firm and lasting friendships that we make. If we could evaluate the rewards of being a "Rockhound", the collections that we make would surely be second to the people we meet. Many of these men and women contribute, not only to our hobby, but the community as well.

The Ishpeming Rock and Mineral Club is fortunate to have many such members. Recently this was emphasized by the appointment of one of the founding fathers of our club, Mr. C.R. "Bob" Markert to the important job of Executive Vice President of the Greater Ishpeming Chamber of Commerce. A few days later Bob was named to the board of directors and Vice President of international operations of the Hematite Development Corp. All this after retiring from a career with the U.S. Post Office. He is beginning a new career at a time when most of us would be content to set back and rest on our laurels.

To list Bob's accomplishments and activities would take pages, but briefly-- After graduation from Ishpeming High School, he was employed by Cleveland-Cliffs Iron Company, served in the Navy Construction Battalion during World War II for three years, and worked for the U.S. Postal Service for 28 years. For many years he has been interested in earth science and served as president of the Midwest Federation of Mineralogical and Geological Societies, and as a director of the American Federation of Mineralogical Societies. Bob has served in all of the offices of the Ishpeming Rock and Mineral Club and has written many articles for mineral and earth science magazines. He has been active in scouting, the Marquette County Historical Society and is a member of the Ishpeming American Legion Post.

It is rather interesting that while preparing this article our attention was called to a story in "The Prospector", the bulletin of the Muskegon County Rock and Mineral Association from which we would like to quote.

"Making new Friends is Big Part of Rocking" by Paul W. Schulze.

"An early discovery by an ardent mineral collector is that the friendships he makes as he follows his hobby in near and remote places are frequently as beautiful as the specimens he uncovers.

Take Ishpeming's Bob Markert, for instance.

Newcomers to any hobby or profession usually make pilgrimages to learn from the acknowledged authorities in the field. We were no exception and the amazing discovery for us was that the experts in our hobby are more than eager to share the knowledge they have acquired during their many years of study and search.

Cont'd



In a way, we shared our skills with Bob, too. We had the pleasure of reading and editing his manuscript describing his labors to create a magnificent altar from Kona dolomite for his church. A color photo of his masterpiece will be featured in a forthcoming edition of The Lapidary Journal, complete with an article giving his analysis of the stone and a detailed account of the creation of the altar."

In concluding this "Profile" let us not forget Bob's capable wife, Marian. We are certain that Bob would be the first to agree that he would not have accomplished half as much if it had not been for the help, inspiration and steadfast loyalty of a fine woman.

Best of luck in the future, Bob and Marian!

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TWO KINDS OF PEOPLE

There are two kinds of people on earth today  
Just two kinds of people, no more, I say.

Not just the saint and the sinner, for  
'tis well understood  
The good are half bad and the bad are half good.  
Not the rich and the poor, for to count  
a man's wealth

You must know the state of his conscience and health.

Not the humble and proud, for in life's  
little span  
He who puts on airs is not counted a man.

Not the happy and sad, for the fast flying years  
Bring each man his laughter and each man his tears.  
No, the two kinds of people on earth that I mean  
Are the people who lift and the people who lean.

Wherever you go you find the world's masses  
Always divided in just these two classes.

And oddly enough, you will find, too, I believe,  
There is only one lifter to twenty who lean.

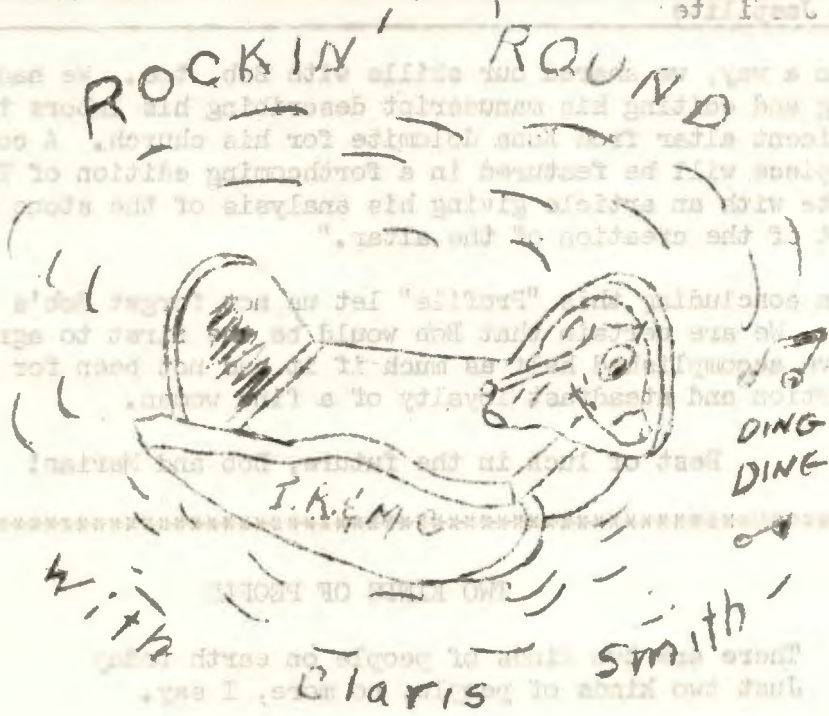
(From Good Shepherd News - Feb. 1961 - Saginaw, Mich.)

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HAVE YOU FORGOTTEN TO PAY YOUR DUES????????????????????

This is the last Jaspilite you will receive unless your dues are paid. Give or send your money to Doris Hughes -- Do it today.





Congratulations to Bob and Marian Markert who will celebrate their 27th wedding anniversary on, would you believe it, the 27th of March. (We understand that they are also awaiting a new grandchild any moment. Look at the end of this column, we may get a bulletin before we go to press.)

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As long as we are speaking of anniversaries, Bernard and Claris Smith will celebrate their Silver (25th) anniversary April 17.

On nearly the same subject, Wedding Bells will ring for Linda Smith, daughter of Bernard and Claris Smith, and Fred Dupre of New Orleans, Louisiana on July 13th.

It must be contagious - Miss Nancy Warner of Lakewood Lane, Harvey was wearing a new diamond engagement ring last weekend, given to her by Stephen Smith, son of Bernard and Claris Smith.

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This space has been reserved to welcome the new members of the Ishpeming Rock and Mineral Club. We are pleased to have you with us---

- Jim and Adeline Hudson
- Gaylord and Betty Anderson
- June and Sherry Lynn Short
- Helmi Osterberg
- Doug Anderson
- Kenny Smith

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We hear that Past President Lucian Hunt is in the hospital for another checkup. We hope that he and Myrtle can rejoin us in the near future.

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A card from George Pochay of The State Line Gem and Mineral Society informs us that they will hold their annual Rock Swap on June 8 and 9 at the Fulton County Fairgrounds, at the intersection of Ohio 108 and Exit 3, Ohio Turnpike near Wauseon, Ohio. There will be swapping, silent auctions, bake sale and a Saturday evening program. No selling.

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+  
+ We were saddened to hear of the death of one of the former +  
+ members of the Ishpeming Rock and Mineral Club, A. Lawrence Johnson, +  
+ Hoyt Lakes, Minn. died February 15th in White Community Hospital +  
+ in Aurora, Minn., following a 9 months illness. Our sincerest +  
+ condolences to his son, Albert L. Johnson, Jr., New Brighton, Minn.; +  
+ his sister, Mrs. Floyd (Helen) Mortenson, Seminole, Fla.; and his +  
+ four grandchildren. +  
++++++

The Bay de Noc Gem and Mineral Club of Escanaba invites everyone to attend a Rock Swap on August 19 and 20 at the Escanaba Area Senior High School, 500 South 23rd Street, Escanaba, Michigan. Hours will be from 10 a.m. to 9:30 p.m. on Saturday and from 10 a.m. to 6 p.m. on Sunday. There will be several interesting exhibits. A Silent Auction will be held on Sunday, Aug. 20th at 3 p.m.

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No one can equal the dedication of true rockhounds. Guess who were picking agates two weeks ago on Presque Isle---

Six feet of snow did not bother Jim and Adeline Hudson.

Cartoon borrowed from The Rockfinder of the Michigan Rock and Gem Club, Inc.

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**Help Wanted!!!!** The I.R.&M.C. needs two delegates to the 28th Annual Meeting of the Midwest Federation. This meeting will be held in conjunction with the 1968 Midwest Convention and the National Show in Normal, Illinois on August 22 to 25, 1968. Each member Society has the right to send to delegates and two alternates to represent their club. Anyone who plans to be in Normal on these dates please let President Bernard Smith have your name so that he may select the delegates with the approval of the members

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FROM LITTLE ACORNS BIG OAKS GROW"

A letter received from Mary and Jim Edwards of 304 Somenank, Park Forest, Illinois states that these two eager beaver members of the Ishpeming Rock and Mineral Club are taking a big step toward giving enjoyment to the Rockhounds of the Park Forest area. According to an article clipped from their local paper the appeal is being made this way:

ROCK CLUB ORGANIZED -- Attention all rockhounds and pebble pups to the South Suburban area! On Monday, March 4, at 7 P.M. at the recreation center of the village of Park Forest, an organizational meeting of the new Rock and Mineral Club of Park Forest will be held. All persons interested in any phase of the earth sciences, mineralogy, lapidary, paleontology, archaeology, etc., are urged to attend. For further information please call Mary Edwards, 747-1381"

Mary was our secretary for a spell and both she and Jim were exceptional workers in the club. Jim is being made temporary chairman for the organizational meeting. We are all wishing you good luck and have a lot of fun, which we know you will have. You are probably laying the groundwork for one of the largest future Midwest Federation Societies.

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Bob and Marian Markert received a very nice letter from Al Cooper, concerning his recent visit to our area. We would like to quote from it.

"The evening spent with you in your home and also at the High School were most enjoyable to both of us.(Ed. note - refers to Frazier Tubbs) You have a very friendly group of people in your club and they certainly make a stranger feel right at home."

Thank you, Al Cooper.

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IT HELPS TO ADVERTISE!!!!

To help the collector who wants to speed up his collecting, and the dealer who wishes to sell his material--- You are reminded that advertising rates in the Jaspilite are as follows;

- One insetion; 1 page - \$8.00, 1/2 page - \$5.00, 1/4 page - \$3.00, 1/8 page - \$2.00, and 1 inch - \$1.00.
- Two insertions - 10 percent off.
- Three insertions - 20 percent off.
- Four insertions - 30 percent off.

Just drop your copy with your check in the mail. The address is--

Advertising Editor  
Ishpeming Rock and Mineral Club  
Box 102  
Ishpeming, Michigan 49849

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We've heard it said;

"Old rockhounds never die, they just petrify.



# Midwest Federation's NEWSLETTER

Published monthly except July & August as a Service to Member Clubs.

Editor: Haydon Peterson, Route 5 - Box 229, Des Moines, Ia. 50317



Issue No. 83 - March 1968

## INDEX OF NEW AND DISCREDITED MINERAL NAMES

By Margaret Yanasek  
Nomenclature Chairman

The Mineralogical Society of America has published papers on minerals in its journal, *The American Mineralogist*, since 1916. Included in their publications have been articles on new minerals, new names, invalid names and new data.

In 1966 the Society published *An Index of New Mineral Names, Discredited Minerals, and Changes of Mineralogical Nomenclature*. This Index, Vol. 51 of the *American Mineralogist*, covers publications of nomenclature changes from 1916 through 1965. The listing is divided into three tables. Table I is an alphabetical index of new mineral names, discredited minerals, and changes in names, Table II lists the minerals by anionic groups, and Table III lists the minerals by the elements present. These lists are in alphabetical order, are well cross-indexed, and give the valid and invalid names as well as synonyms.

As a back reference, the Volume and page numbers of the *American Mineralogist* where the mineral is mentioned are also given. This is of value only to those having access to the past issues of the publications. However, for the person interested in the proper naming of minerals, this index is valuable by itself. No back issues are needed. As an added value the chemical formula of all valid minerals are given.

Although the *American Mineralogist* is available only to subscribing members of the *Journal of the Mineralogical Society of America*, this single issue has been made available to the general public. It may be secured, postpaid, at \$3.20 per copy by ordering from Marjorie Hooker, Treasurer, Mineralogical Society of America, U.S. Geological Survey, Washington, D.C. 20525. Ask for *The American Mineralogist*, Vol. 51, No. 8 (August 1956).

## PURLOIN THAT PEBBLE?

***Don't do it if it's any part  
of the ancient ruins protected  
by the Antiquities Act.***

By GORDON W. FLINT  
BLM Public Service Chief, Riverside, Calif.

Just one rock from old Fort Piute's silent walls, you say, would certainly make an interesting conversation piece for your den.

Well, don't do it. Uncle Sam has a law for the "preservation of American antiquities," and it applies specifically to any "historic or prehistoric ruin or monument, or any object of antiquity situated on lands owned or controlled by the Government of the United States."

The public land of the West abounds in interesting examples of early man's art, manufacturing processes and everyday living habits. Some prime examples are found here in southern California, but there are others all over the West. Uncle Sam wants to preserve and protect these antiquities for the pleasure of all the people. Of course, he wants you to enjoy these things, too, but not in your den.

### Yours To Enjoy

Roam the Yuha Desert near Coyote Wells and you may find intaglios fashioned in the desert floor by Indians long ago. Here the earth is hard-packed at the surface and imbedded with pebbles and small rocks. Indians made designs in this so called "desert pavement" by removing the rocks and pebbles covered with a dark "desert varnish" and exposing the lighter material underneath. The size and shape of these designs, which are not confined to this area, are limited only by the imagination of these artists of long ago.

Explore the hills and mountains of northern and eastern San Bernardino County and you are almost certain to discover at least one set of petroglyphs, designs chipped into the rocks by people long forgotten.

Near Barstow, at Coyote Dry Lake, stone chippings and other artifacts give evidence of habitation by prehistoric man. Near Midland, ruins of dwellings and broken pottery remain to tell of those who once lived there. Further to the north, the tumbled rock walls of Fort Piute mark the Old Immigrant Trail and remind



us of the struggles and hardships of the early pioneers.

### Unguarded but Protected

These sites lie unguarded on public land. Many others probably still are undiscovered. Perhaps, if you like to explore the mountains and deserts, you might find evidence of a now dead civilization—evidence not before glimpsed by modern man. And wouldn't that old jar look wonderful on the mantel over the fireplace in the family room? And that tiny portion of the cliff containing the petroglyphs—what a gem for the rock garden out by the pool? Again we say, "don't do it!"

As we said, these sites lie unguarded on public domain lands. But they are not unprotected. The Congress, on June 8, 1906, recognizing the need to protect these priceless relics, enacted the Antiquities Law. Any person who appropriates, excavates, injures, or destroys any of these objects without proper permission is subject to a fine of not more than \$500, or imprisonment for not more than 90 days, or both.

And "proper permission" referred to in the Antiquities Act is not easy to obtain. Permission for the examination of ruins, the excavation of archaeological sites, and the "gathering of articles of antiquity" may be granted by the secretary of the department of the Government having jurisdiction over the area (Secretary of Agriculture for National Forest Lands, Secretary of the Interior for Public Lands, etc.). But permits are granted only for the benefit of reputable museums, universities, colleges, or other recognized scientific or educational institutions, with a view to increasing the knowledge of such objects. The act further provides that any gatherings of objects shall be preserved in a public museum.

Regulations provide that in addition to arrest, fine and/or imprisonment, the articles taken without a permit may be seized wherever found and at any time. Incidentally, all persons employed by the Forest Service and Park Service are authorized to make arrests for violations of this law.

Does all this mean you cannot enjoy this heritage from the past? Certainly not. Many of the sites have been designated as Historical Landmarks or National Monuments. Others are marked on maps, or set aside by designation by the agency concerned. These are yours to examine and wonder at, to see and admire, but they must be left as they are found, to be enjoyed by those who will come later.

So, who knows, you may some day wander upon your own private, undiscovered, prehistoric site. If you do, look at it, enjoy it, photograph it, and report it, to the nearest Government office of the agency responsible for the land.

But leave it undisturbed.

### ESTABLISH NEW COMMITTEE ON LONG RANGE PLANNING

It is with extreme pleasure that I wish to announce the appointment of Verne Montgomery to serve as the Chairman of a newly formed Long Range Planning Committee. Howard Knight and Russell Kemp, both past presidents of the Federation, have been selected to assist him with this important project.

The basic function of this new committee will be to consider the various ways and means by which the Federation can best render service to our affiliated clubs, and to recommend to the Executive Board a workable priority system for best completing such projects over an extended period and still remain within the limits of our annual budget.

Clubs having specific needs... or suggestions... are invited to write to Mr. Montgomery. His address is: 830 Sheridan Place, Downers Grove, Illinois 60515  
Ellis Courter, MWF Pres.

### THE AMERICAN-NATIONAL ROCK SHOW

to be held in conjunction with the MWF in 1968, will be held August 22-25 at the Horton Fieldhouse, on the campus of the Illinois State University, Normal, Illinois. The general show chairman is Lafayette Funk of Shirley, Ill. 61772. He would welcome the opportunity of exchanging correspondence with any of you that are planning on attending this show.

For those of you that plan to enter competitively as individuals or as a Society, we suggest you contact Mr. William Eaton, 304 Margaret Ave., Normal, Ill. 61761 for applications and information. Mr. Eaton is Competitive Exhibits Chairman.

### OUR MWF CLUBS CONTINUE

to support the Scholarship Foundation. This month we received a generous check from the Michiana Rock & Gem Club of South Bend, Ind. that made them a 500% club. We now have two 500%ers. Also, we received a box of coupons and another generous check from the State Line Gem and Mineral Society of Adrian, Michigan. This makes them a 200% club. Sincere thanks to all of the members in these two clubs.

-Katharine Steinbrenner



WARNING TO CAMPER-ROCKHOUNDS

by Helen Nelson

Sleeping bags should not be cleaned in COIN-OPERATED dry cleaning machines. This kind of cleaning distorts the structure of the comforter, and if the cleaning cycle is inadequate; the sleeping bag will still contain large residue of the cleaning fluid.

In lower Michigan, a mother had a sleeping bag cleaned in a coin-operated machine. After it was cleaned and dried, she stored it in the trunk of the car. It was used that night by her sixteen year old son. In the morning he was found in a comatose condition. He was quickly taken to the nearest hospital- he died eleven days later.

According to the death certificate his death was attributed to inhalation of Perchloroethylene fumes, the solvent used in dry cleaning.

\*\*\*\*\*

TURQUOISE

DID YOU KNOW THAT:

Turquoise is the oldest recorded cut gem, carved specimens being found in an Egyptian tomb dated 5500 B.C.?

It is first known to have come from Persia, which is the world's largest producer today?

Turquoise is found in Colorado, Virginia California, Arizona, and New Mexico?

The best turquoise, of deep blue, retains its color, while the softer stones of light blue and of a greenish cast eventually become dull and unattractive?

Inferior grades of turquoise will develop a deeper color when soaked in hot mineral oil, hot blue paraffin, or plain undiluted glycerin?

The name "turquoise" is French for "Turkish," the Persian gems having reached Europe by way of Turkey?

--Information from article by Iola M. Callaghan, Long Beach Mineral News

CHUCKLES

If you are so sure swimming is good for the figure, take a look at a whale!

Psychiatrists say----girls tend to marry men just like their father, now we know why mothers cry at weddings. from "Aghates"

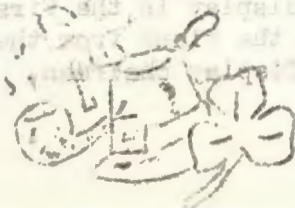
A pretty good sign of old age----is when it takes us longer to rest up, than it did to get tired. via (Mesabi Media.)

"Tis Said"

Gossip frequently gets caught in its own mouth trap!

Tomorrow becomes yesterday before you know it. unknown

Members of the older generation thought nothing of getting up at 4 or 5 o'clock in the morning. The younger generation doesn't think much of it either.





"COMING ATTRACTIONS"

- March 17 - Regular meeting of IR&MC at the Negunee High School faculty lounge at 2 P M
- March 18 - Meeting of Copper Country Rock and Mineral Club at the Geology Building, 3rd floor Michigan Technological University, Houghton, Michigan at 7:30 P.M.
- April 11 - IR&MC Board of Directors meeting at the home of Ray and Edith Anderson, Grove Street Marquette at 7:30 P.M.
- April 19 - IR&MC Gem Show Committee Meeting at the Bureau of Commercial Fisheries Building, 446 E. Crescent St., Marquette at 7:30 P.M.
- April 21 - Regular meeting of Ishpeming Rock & Mineral Club.
- May <sup>145</sup> - First IR&MC Field trip of the year - Roy Hansen Chairman
- June 1 - Deadline for articles for the Jaspilite.
- June 8-9 - Rock Swap of the State Line Gem and Mineral Society of Michigan at the Fulton County Fairgrounds near Wauseon, Ohio.
- June 16 - IR&MC Field Trip - Elmer Jervi Chairman.
- June 30 - IR&MC Pre-show picnic at Presque Isle Park, Marquette beginning at 12 noon.
- July 25-27 - First Annual Upper Peninsula Gem and Mineral Show at the St. John's School, 351 S. Pine St., Ishpeming, Michigan.
- July 28 - Rock Swap of the IR&MC at the Ishpeming Winter Sports Area from 9:30 A.M. until 12 Noon.
- August 22-25 - National Gem Show at Normal,,Illinois.
- August 26-27 - Rock Swap of the Iron Country Rock and Mineral Club at the Historical Museum Caspian Michigan.

\*\*\*\*\*

" One of the pleasures of our hobby is sharing what we have and what we know. Displaying our collections and craftsmanship has been one of the ways we do this. Competitive exhibiting at Gem and Mineral Shows is a natural result of these displays. As we have attempted to improve our shows, we have seen competitive exhibiting grow into a major contribution to them"

(Excerpt from the Preface to the Uniform Rules of the AFMS).

Plan to enter a display in the First Annual Upper Peninsula Gem and Mineral Show. Remove the blank from the back of this Bulletin and send it to the Individual Display chairman. Do it Now.



# CUYAHOGA COUNTY GEM and MINERAL SHOW

SPONSOR  
PARMA LAPIDARY CLUB

SPONSOR  
FAIRVIEW PARK LAPIDARY SOC.

AT  
CUYAHOGA COUNTY FAIRGROUNDS  
EASTLAND ROAD - BEREA, OHIO

SATURDAY, JUNE 22 and SUNDAY, JUNE 23  
1968

SHOW HOURS  
Saturday, June 22 - 10:00 AM to 10:00 PM  
Sunday, June 23 - 10:00 AM to 6:00 PM

**ROCKRAMA**

**ROCKRAMA**

FEATURING:  
DEMONSTRATIONS OF  
SILVER SMITHING  
-----  
GEMSTONE POLISHING

FEATURING:  
EDUCATIONAL PROGRAMS  
-----  
GEM AND MINERAL  
IDENTIFICATION BOOTH

**ROCKRAMA**

**ROCKRAMA**

JEWELRY MAKING  
-----  
FACETING

SPECIAL GEMSTONE AND  
MINERAL EXHIBITS  
-----  
EXHIBITS BY CLUBS  
AND INDIVIDUALS

**ROCKRAMA**

**ROCKRAMA**



12 DEALERS

CRACKER BARREL SESSION

LUNCH FACILITIES • FIELD TRIP INFORMATION •

CAMPING ON GROUNDS (Fee will be charged) • SILENT AUCTION • SWAPPING • COME AND GO CASES

☆ PUBLIC INVITED ☆

ADMISSION: 16 years & over 50¢  
8 to 16 years 25¢

FOR INFORMATION CONTACT

SHOW CHAIRMAN  
MILFORD J. SHARP  
3901 West 210th St. Fairview Park, Ohio 44126

DISPLAY CHAIRMAN  
MRS. GEORGE BOBOFCHAK  
2715 Somia Dr. Parma, Ohio 44134

**ROCKRAMA**

APPROVED BY  
THE  
MIDWEST FEDERATION OF MINERALOGICAL SOCIETIES



**Partial list of MOTELS  
in the EXIT 10 AREA**

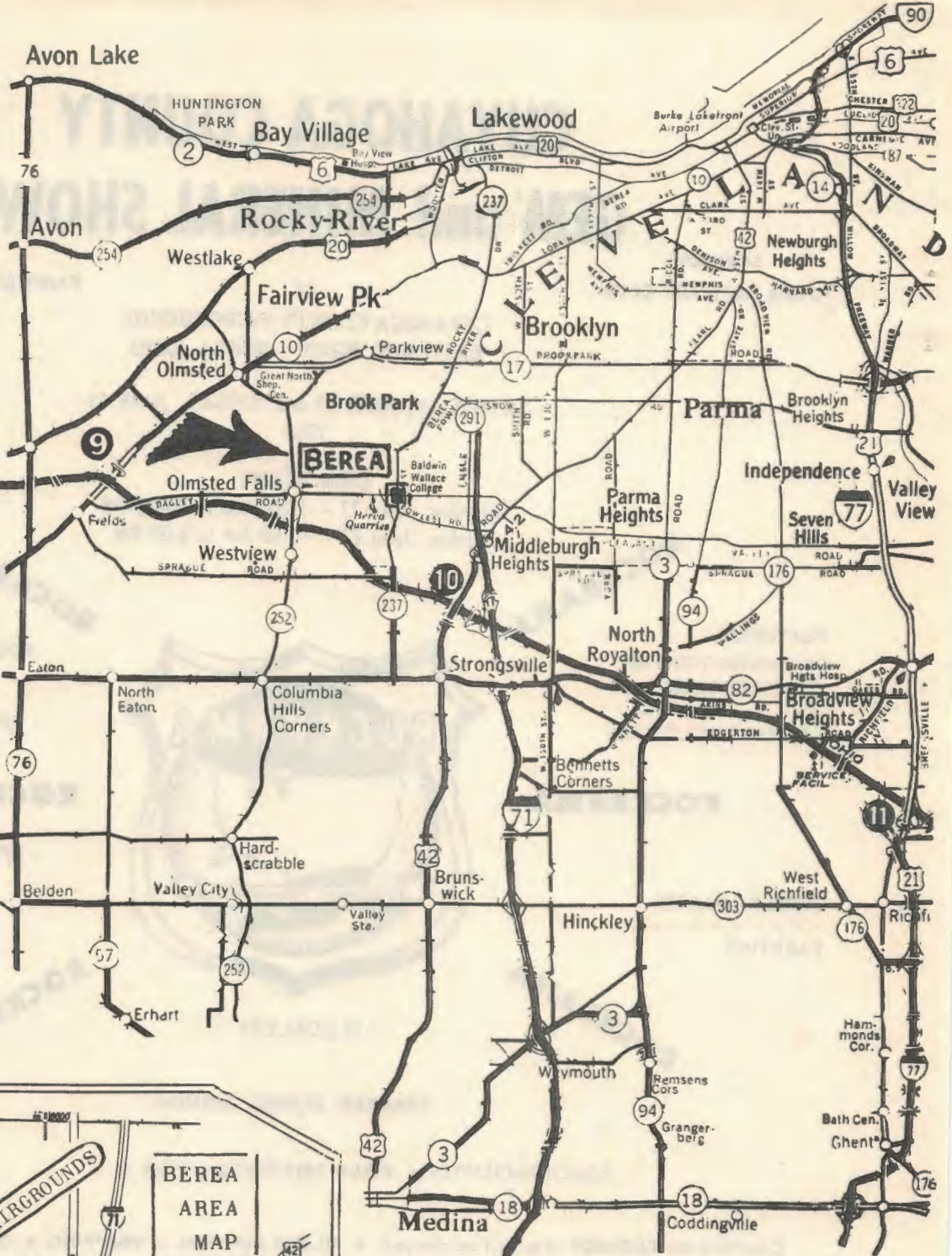
TELEPHONE AREA CODE 216

- ALBION MOTEL 238-6863  
10837 PEARL ROAD
- BROOKPARK MOTEL 661-6257  
9425 BROOKPARK ROAD
- CLEVELAND AIRPORT TRAVELODGE  
16789 BROOKPARK ROAD 267-0100
- CHARLES HOUSE MOTOR INN  
6455 PEARL ROAD 886-0900
- EMIL'S PEARL MOTEL 886-2400  
6429 PEARL ROAD
- INN AMERICA YORK 884-8300  
6287 PEARL ROAD

**OHIO TURNPIKE** →

(MOTELS CONTINUED)

- HOWARD JOHNSON'S MOTELS  
9197 PEARL ROAD 234-8801  
14043 BROOKPARK ROAD 267-2350
- MURPHY'S QUALITY MOTEL 234-2277  
8913 PEARL ROAD
- COACH HOUSE MOTEL 234-2711  
8147 PEARL ROAD
- LA SIESTA MOTEL 234-4488  
8300 PEARL ROAD
- PARMA MOTEL COURT 886-2700  
5531 PEARL ROAD
- PEARL MOTEL 886-2400  
6429 PEARL ROAD
- RIVIERA MOTEL 231-8141  
8789 PEARL ROAD
- SHERATON AIRPORT MOTOR INN  
15455 BROOKPARK RD. 267-9800
- STARDUST MOTOR LODGE 234-3575  
9029 PEARL ROAD
- THE TREES 843-3838  
6922 PEARL ROAD
- WALT'S PEARL MOTEL 886-2400  
6429 PEARL ROAD



← **INTERSTATE 71**

**MOTELS Exit 9 AREA**

- OHIO MANOR MOTEL 621-3476  
AT TURNPIKE EXIT 9
- TRAVELLERS INN 241-4416  
6 MI. N. ON S. R. 10



A DAY FOR DREAMING

The winds of March blew fierce and strong,  
 The sun shone bright and gay,  
 The air was cold; It sang a song,  
 Field trips are not far away.

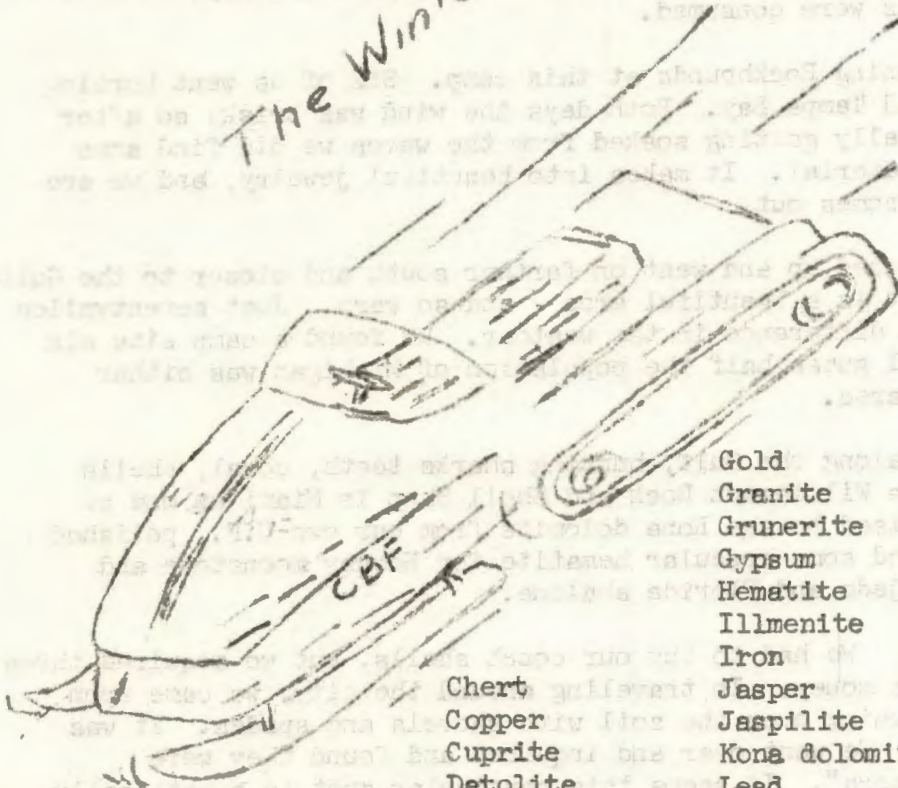
from ELROCK NEWS

The Winter Cowboy!



This  
 is the way one  
 local Rockhound stays  
 in shape for summer field trips

\*\*\*\*



- |              |          |               |               |
|--------------|----------|---------------|---------------|
| Agate        | Chert    | Gold          | Pyroluscite   |
| Amethyst     | Copper   | Granite       | Quartz        |
| Barite       | Cuprite  | Grunerite     | Sarret blende |
| Biotite      | Datolite | Gypsum        | Sericite      |
| Bornite      | Epidote  | Hematite      | Serpentine    |
| Calcite      | Feldspar | Illmenite     | Shist         |
| Chalcopyrite | Felsite  | Iron          | Siderite      |
|              | Galena   | Jasper        | Slag          |
|              | Garnet   | Jaspilite     | Specularite   |
|              | Gneiss   | Kona dolomite | Staurolite    |
|              | Goethite | Lead          | Talc          |
|              |          | Magnetite     | Tenerite      |
|              |          | Marble        | Thompsonite   |
|              |          | Mica          | Tourmaline    |
|              |          | Molybenite    |               |
|              |          | Muscovite     |               |
|              |          | Prehnite      |               |
|              |          | Pyrite        |               |

The list of the names of the  
 rocks and minerals in the  
 puzzle on Page 9.

Too late to change we noticed that molybdenite was spelled wrong, Sorry.

\*\*\*\*\*



## OUR WINTER VACATION

by  
Helen Nelson

With Arne's surgery over, all he needed was a few weeks of rest. Awaiting the days to pass until we could leave for our vacation into warm sunshine and rock hunting. We were invited by rockhound friends in Lansing to attend the banquet and installation of officers of the Central Michigan Rock and Mineral Lapidary Club. We were given "Royal" treatment, even an orchid corsage, when it became known we were from the Ishpeming Rock and Mineral Club. Many of the members had been up to the Convention of 1960. Their remarks were all in delightful reminiscence of their visit here.

On January 18th, a bright sunny day after three days of snow and slush, we started out for Florida. Calling the State Police for road conditions into Indiana and Kentucky gave us the "go sign" as to driving. We arrived at our camp site the third afternoon, east of Tampa. It didn't take us long to get our little Hi-low in living order, water connected and supper started. There are many camp sites both private and state-owned all along the route, and especially Florida had many well kept camping grounds. Our Hi-low followed along real easy. We hardly realized we were pulling anything except we noticed a few more gallons of gas were consumed.

We met some vacationing Rockhounds at this camp. Six of us went hunting for agatized coral in Old Tampa Bay. Both days the wind was brisk; so after dragging, digging and really getting soaked from the waves we did find some nice pieces of cutting material. It makes into beautiful jewelry, and we are anxious to see how ours comes out.

The next week we packed up and went on farther south and closer to the Gulf of Mexico. Naples! That is a beautiful area - and so warm. Just seventy miles farther south and what a difference in the weather. We found a camp site six miles south of Naples. I guess half the population of Michigan was either going or coming in this area.

We spent four days along the Gulf, hunting sharks teeth, coral, shells and fossils. Visited the Williamson Rock and Shell Shop in Miami on one of our day trips. So surprised to see Kona dolomite from our own U.P., polished and unpolished. We traded some specular hematite for Norway moonstone and a few pieces of Montana jade and Florida abalone.

Then on to Key West. We had to buy our conch shells, but we acquired three nice ones for very little money. In traveling around the city, we came upon some groups of people turning over the soil with shovels and spades. It was about a three acre area. We went over and inquired and found they were "bottle and glass collectors". It seems this particular spot is a nationally known site for antique glass and old bottles.

Our three weeks of traveling went by so very quickly. Each day was a new adventure, meeting so many friendly people from all the states. Making our way back to the north country, we camped overnite and a day at a state park

Cont'd



Our Winter Vacation (continued)

near Kissimmee, Florida. There we visited a most unique monument. It is made up of over fifteen hundred different kinds of stones from every state of the U.S.A. and twenty one foreign countries. It took two years for construction, and what a beautiful display of outstanding rocks, minerals, and fossils. We recognized many, such as petrified wood, granite, agate, quartz, sandstone, gold-bearing stone, copper, coral, micaceous hematite, and petrified bone. There were many more specimens displayed over the monument. We spent an hour, never losing interest in this unusual exhibit of a geologist's dream. The monument was dedicated on March 28 1943. The civic and community organizations pooled their efforts, abilities and finances to make this a thing of beauty. It is called the "Monument of the States", and is located in Lake Front Park, Kissimmee, Florida.

Then on north; starting to rain now, getting cold and chilly. We stopped in Kentucky in the caves area for a break. Found a piece of onyx, and a few pieces of beautiful quartz crystal from a stand near a private cave. Really cold and miserable now; so on into Indiana for our nite stop-over. It had snowed during the night, so we were feeling like we were nearing home. On with the overshoes and a heavier jacket arriving in Lansing about nine P.M. in the middle of a blizzard and cold, cold winter. We were happy to pull into my daughter's yard and get inside for warmth and hot coffee.

Arne had his doctor's check-up a couple of days later, was given the OK for work, so on our way to Ishpeming on the 24th of February. We had a wonderful trip. Saw a couple of bad accidents, and were so thankful that in our four thousand miles we never even had a scratch.

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ANOTHER ROCKHOUND IN THE NEWS

Our sincerest congratulations to Ishpeming Rock and Mineral Club member Bob Richards upon reaching that important goal in life desired by all of us -- Retirement. His retirement after 39 years in the educational field was reported in the Tuesday Mining Journal (too late for the "Rockin Round" column).

Bob is a native of Marquette, a graduate of Marquette High School and Northern Michigan University. He earned a Master of Arts degree at the University of Michigan in 1933, and began teaching in Baraga County in 1929. He moved to Negaunee in 1936 and was appointed to the post of High School principal in 1950. Bob has served the community in this capacity ever since. Again, Congratulations, Bob, perhaps there will be more time for rock chasing.

\*\*\*\*\*

FLASH !!!!!

We just got word that Pat Elie member from Gwinn and leader of the 4-H group from there, is going through the Mayo Clinic at Rochester, Minn. Our best wishes and hurry back, Pat.

\*\*\*\*\*



FIRST ANNUAL UPPER PENINSULA  
GEM and MINERAL SHOW

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\*  
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\*

Sponsored By:  
Ishpeming Rock & Mineral Club

St. John's School  
351 S. Pine Street  
Ishpeming, Michigan  
July 25 - 27, 1968

Show Chairman:  
C.R. "Bob" Markert  
Rte 1, Box 620  
Ishpeming, Michigan 49849

\*\*\*\*\*

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 host club is recommending a case 32 inches high by 48 inches long.  
See drawing. Some extra cases will be available.)

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

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 April 10, 1968 to:

Audubon Jenkins  
Individual Display Chairman  
Rte 1, Box 7  
Ishpeming, Michigan 49849



BELOIT COLLEGE FOSSILS

by  
Mamie Jarvi

Lately we read in the Milwaukee Journal of a \$160,000 Petrified Present which was given to Beloit College in Wisconsin by Mr. Robert H. Solem, a business man and well informed amateur fossil collector. He had bought the collection of fossils from Mr. Burnice H. Beane, a farmer, who as a boy became fascinated with the fossils found in a limestone quarry in Le Grand, Iowa. Throughout his life Beane had gathered the fossils until he had accumulated them in his farmyard, chicken coop, barn, drawers, and the newspaper said, even under his bed. It was no trouble for him to haul a 500 pound chunk and spend hours chipping away with small tools to expose the delicate fossils. A great many students came from far away to study the early forms of life which date back to the time when the Gulf of Mexico covered the center of the United States with water, in some places to a depth of 600 feet.

A lot of work remains to be done on this large collection. The display will be ready for exhibition in about two years. This would be educational as well as entertaining for rockhounds to see when they happen to be in the southern Wisconsin area.

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Your Editor wishes to thank everyone who contributed to this, her first, issue of the Jaspilite.

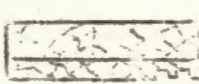
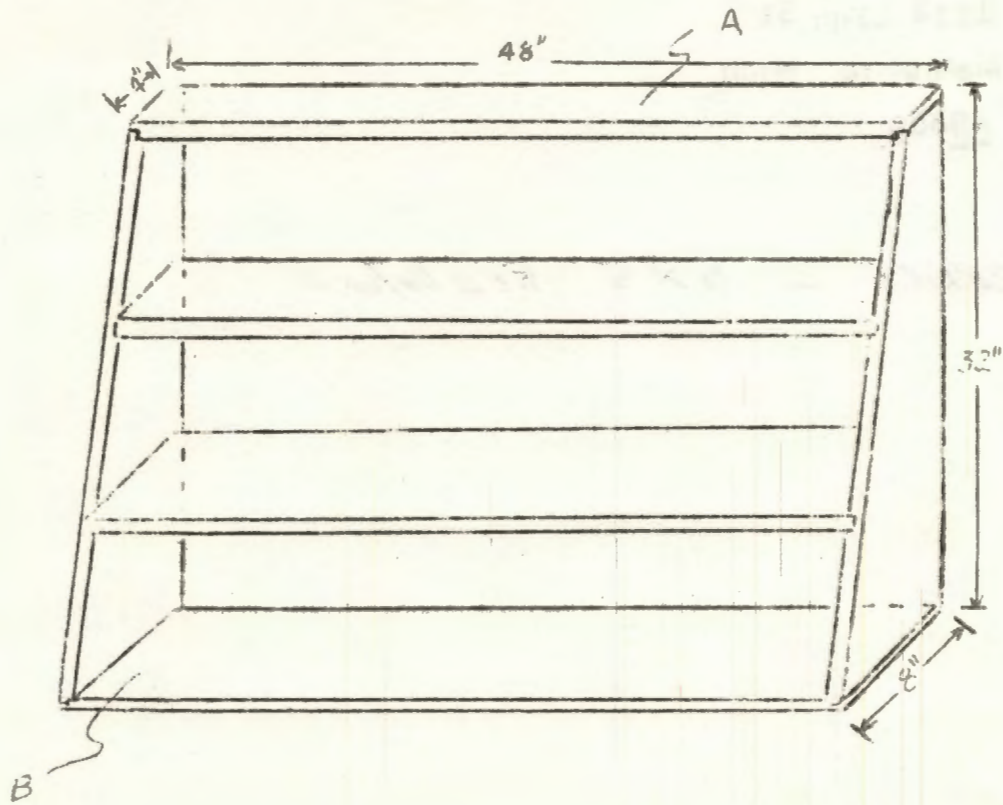
- Irene Lutes
- Arne and Helen Nelson
- Bob and Marian Markert
- Mamie and Elmer Jarvie
- Bernie Smith
- and Betts and Andy Anderson for their help in printing and stapling.

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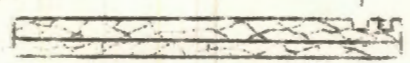




1/8"x4" Rabbet

3/8"x 3/8" Rabbet

End View of A



3/8"x 3/8" Rabbet

1/8"x4" Rabbet

End View of B

List of Materials

2 pcs d/s glass 24" x 31" (front)
1 pcs Masonite 3/4" x 32" x 48" (back)
1 pcs Pine 5/4" x 4" x 48" (top)
2 pcs Pine 3/4" x 8" x 32" (sides)
1 pcs Pine 3/4" x 8" x 48" (Bottom)
1 pcs Pine 3/4" x 6" x 48" (shelf)
1 pcs Pine 3/4" x 5" x 48" (shelf)

Ishpeming Rock & Mineral Club

DISPLAY CASE

Design by:

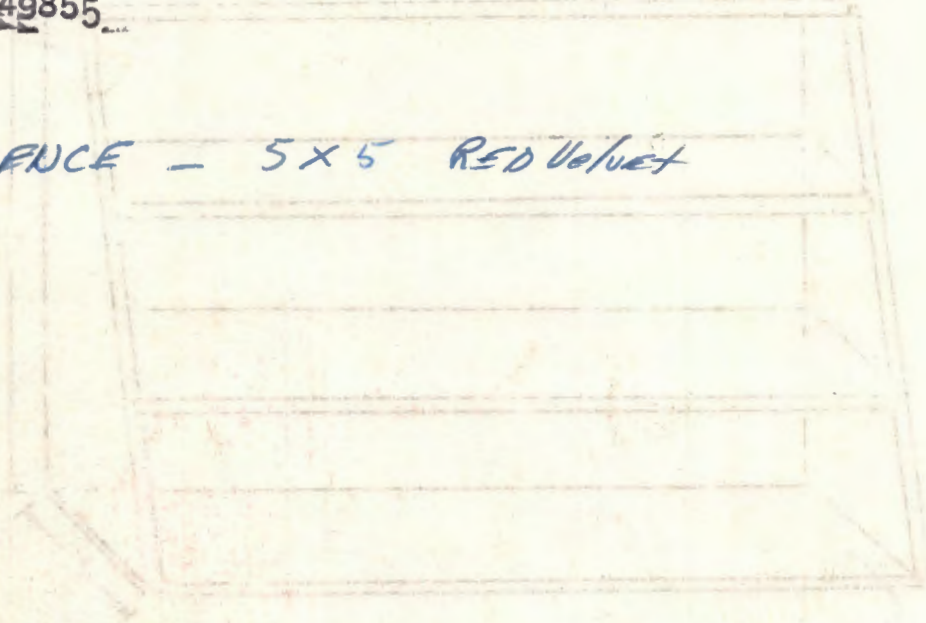
Drawn by: A. Bowers

Chkd by:



Claris W Smith  
1513 Lynn St  
Marquette, Mich  
49855

CLARENCE - 5x5 RED Velvet



Mr. & Mrs. C.R. Markert & Scott  
Rte 1, Box 620  
Ishpeming, Mich. 49849

Shipping Box & Mineral Club
SHIP CASE
Weight by:
Drawn by: A. Roberts
Card by:

1 per 1/2 size 24" x 31" (front)
1 per 1/2 size 24" x 31" (back)
1 per 1/2 size 24" x 31" (left)
1 per 1/2 size 24" x 31" (right)
1 per 1/2 size 24" x 31" (bottom)
1 per 1/2 size 24" x 31" (top)
1 per 1/2 size 24" x 31" (left)
1 per 1/2 size 24" x 31" (right)
1 per 1/2 size 24" x 31" (bottom)
1 per 1/2 size 24" x 31" (top)