

1971

THE



ROCK and MINERAL CLUB

JASPIILITE

Affiliated with the Midwest Federation
of Mineralogical and Geological Societies

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

Published quarterly

OFFICERS 1971

President	Vernon Miljour	Gwinn
1st Vice president	Charles Bemis	Gwinn
2nd Vice president	Ernest Johnson	Marquette
Recording Secretary	Pat Elie	Gwinn
Corresp. Secretary	Mamie Jarvi	Ishpeming
Treasurer	Doris Garceau	Ishpeming
Librarians	Ray and Edith Anderson	Marquette
Curator		
Publicity		
Editor-Jaspilite	Laurence and Olive Sain	(pro tem) Marquette

DEADLINES: Jaspilite--March 1, June 1, Sept. 1, and Dec. 1.

MEMBERSHIP: The Ishpeming Rock and Mineral Club, Inc. is open to any one interested in the "Earth Sciences".

Initiation Fee	\$1.50
Husband and wife annual dues	3.00
Adult	2.00
Junior	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.

CONTENTS

President's letter	2	Wonderstone trip	9,10
Secretary's minutes	3,4	Especially for juniors	11,12
Rockin' 'Round	5,6	Shop hints	13
Silent Auction	6	Lapidary T & T	14
Education Theme	6	Safety tips	15,16
For your information	7	Membership	17
A tribute	8		
Librarian news	10		
Food for thought	10		

March 6, 1971

Dear Club Members and Rockhound Friends,

I wish to take this opportunity to thank our good club members for giving me a chance to be their president. You can rest assured that old members and new members alike will be called upon to give advice and suggestions. I hope to get ideas from everybody and to try to incorporate these into a successful future for the club.

We must establish several priorities for the coming year:

1. Plans for the Midwest Field Trip Convention must be finalized and everyone must do his utmost to make it a success. Bob Markert will be calling for help and I am sure he will get it from everyone.
2. The club needs an editor for The Jaspilite to keep it at the high plane that Claris Smith and her predecessors placed it. To help the new editor, it will be necessary for each member, young or old, to be a reporter. When any of us work with our "treasures", the other members will be interested in our successes or failures.
3. Field trips for interesting materials or "just for fun" are a necessary ingredient for a successful club. We must arrange at least one local field trip for new members to show them some of the material that is available. Of course, one field trip will only whet the appetite of any newcomer. Also, trips to some of the outlying areas could prove very rewarding. Any suggestions will be deeply appreciated.
4. I wish to thank Bob Markert, Arne and Helen Nelson and Elmer and Mamie Jarvi for conducting very good field trips during the past summer. Also, thanks to Al Murray for inviting our club for a field trip with the Bay de Noc Club into the Felch area.

Vernon Milhour, president

P.S. See you Sunday, March 21, 1:30 p.m. at our regular meeting place which is the New Negaunee Township Community Building about $\frac{1}{4}$ mile on M-35 off from U.S. 41 near the T V station.

.....from the Secretary's Minutes for January and February

The president thanked Theresa Bemis and Pat Elie for the attractive rockhound snowmen favors they made for the club's Christmas party and Bob Markert for the several rock and mineral games that all of the members could compete in. The secretary was instructed to send a letter of appreciation to Al Mullaly for the jewelry prizes he provided.

State president, Russell Greer, has grouped the 40 clubs into 6 districts and has named an assistant to be a resource person and advisor in each district. Bob Markert has been named to work with the U.P. district clubs.

Mamie Jarvi and Doris Hughes have set up a display on fossils at the C.L. Phelps school. The Bernard Smith's loaned their specimens.

A request from the Sandy Knoll school for a display during the month of April will be taken care of by Laurence Sain and Ray Anderson. You may be contacted to loan some specimens.

Doris Hughes reported that we can rent the Negaunee Township Community Building for our meetings (\$5.00 a meeting). The motion to rent was made by Ernest Johnson supported by Helen Nelson. Motion carried. The club will begin using the building in February.

Laurence Sain has the address of where we can order "Cold Dop" and anyone wishing the address can call him.

The audit report given by chairman Ray Anderson was accepted on motion by Vernon Miljour, supported by Audubon Jenkins.

Marian Markert presented the following slate of officers for 1971: President--Vernon Miljour, 1st vice president--Charles (Pat) Bemis, 2nd vice president--Ernest Johnson, Recording secretary--Mrs. Royal (Pat) Elie, Corresponding secretary--Mrs. Elmer (Mamie) Jarvi, Treasurer--Mrs. Doris Hughes, and Librarians--Ray and Edith Anderson. Vacant positions: Editor _____ and Curator _____. A motion was made by Bob Markert supported by Bernie Smith that the nominating ballot become the elective ballot. Carried.

Outgoing president Laurence Sain installed the new officers.

The first act of the new president Vernon Miljour was to ask Audubon Jenkins to say a prayer for the new officers and the success of the club for the coming year.

"Our Heavenly Father, we invoke your blessing upon this meeting and the new officers who are about to take over the duty of guiding the destiny of the club during the coming year. As we find and study the beauty that You in Your infinite wisdom have concealed in the rocks of this Your planet; let us not keep this knowledge to ourselves but share the knowledge with anyone else who is interested in

.....minutes continued.....

seeing this beauty that You have created deep within the rocks of this earth of ours, Our Father, we ask You to bless each and every one of these Your children in their quest for knowledge, love and truth. Amen.".....Audubon Jenkins.

Report on the request for display on local minerals by the Marquette Historical Society was made by committee member Ray Anderson stating that with a few more specimens the display will be complete.

Report on badges. Committee members have been writing to various companies for descriptions and prices on multi-color stitched or silk-screen printed badges featuring the club's name and emblem. Samples have been shown at the meetings and soon the club should have enough information to make a choice. The emblems will be available to club members.

January meeting. An interesting program on the geology of the Marquette Range and the development of the iron mining industry was given by Mr. Van Alstine of the Michigan Department of Natural Resources.

Door prizes were provided by Mr. and Mrs. Audubon Jenkins. Hostesses were Mamie Jarvi, Chris Miljour and Doris Hughes.

February meeting. The "Silent Auction" was the program. Door prizes are provided by the Ernest Johnson's. Hostesses were Helen Nelson and Luella Reidy.

* * * * *

The officers of the club thank the members who have added so much to our meetings by providing door prizes or being hostesses.

A sign up paper was passed around at the February meeting for members to contribute door prizes or be hostesses at the meetings this year, 1971. So that everyone has an opportunity to serve the club you can indicate on the last page of this bulletin (the page containing the form for sending in your dues) which month you would like to help and in which capacity. We have hostesses and door prize donors through May. (It would be great if we had so many sign up that we could fill all the spots for 1972!!)

Hostesses during 1970 were: Chris Miljour, Helen Nelson, Luella Reidy, Edith Anderson, Helmi Osterberg, Theresa Bamis, Mamie Jarvi, Clarice Smith, Hilda Jacobson, Ruth Vivala, Dominica Carlyon, Pat Elie and Olive Sain.

Door prizes (a total of 6 for each meeting--2 for men, 2 for women and 2 for juniors) for 1970 were donated by Laurence Sain, Bernard Smith, Elmer Jarvi, Vernon Miljour, Ray Anderson, Arnie Nelson and Royal Elie.

Rockin' Round



R & MC

with Edith Anderson

MAMIE JARVI had the misfortune to fall and break her hip. She was confined in Bell Memorial Hospital for a few weeks. We are glad to know she is back home again and hope she improves every day so we can expect her out to meetings and the field trips this summer.

Marian Markert is also on the sick list and is convalescing at home. We sincerely hope it won't be for too long, Marian.

IRENE LUTES will be spending her vacation in Florida with her sister. Hope you have a nice time, enjoy the sunshine and think of us in the snow.

Selma and Charles Tapola, a couple of our charter members are enjoying fairly good health this winter and are looking forward to the 1972 Field Trip Convention.

SCOTT MARKERT was awarded a BS degree in civil engineering at Michigan Technological University, Houghton. He has accepted a position with a sanitary engineering consultant firm, Beavin Co. in Baltimore, Maryland.

Ken and Frances Hodgins are planning a vacation trip through Virginia and the Carolinas. Frances has rocks on her mind but Ken is looking for Civil War historical sites.

WEDDING BELLS!!!!!! Our Club treasurer, Doris Hughes and Fred Garceau were married Saturday, February 6 in Grace Episcopal Church, Ishpeming. They are now honeymooning in Arizona. Our best wishes for a future of happiness is extended from all your rockhound friends.

We had a new junior member join the club at the February meeting. He is Larry Poutanen, 427 York St., Ishpeming, Michigan. WELCOME!

Did you see the splendid array of fossils displayed in the meeting room in February? Rumor has it that MIKE QUAYLE was responsible for it.

ocking 'Round continued.....

Did you notice this quote from our local newspaper? "Rep. Russell Hillman, D-Dollar Bay, Wednesday offered a bill to make chlorastrolite 'greenstone' the state gem of Michigan."

Let's make this column more interesting by telling us about your family members that others will enjoy knowing.

* * * * *

SILENT AUCTION

- | | | |
|--------------------|----------|----------------|
| Superior Agate | Amethyst | Puffing Stone |
| Pepee Canyon Agate | Goethite | Petoskey Stone |
| Deep Creek Agate | Azurite | Green Quartz |
| Michigan Garnet | Hematite | Prairie Agate |
| Brazilian Agate | Slag | Sea Shells |
| Tomsonite | | |

.....and many, many more!

What an array! And, all could be had at the IR&MC annual "Silent Auction" on February 21.

Although only 32 members and guests were present, each one added at least one good specimen to his collection.

Collection areas represented by the specimens were many including Michigan, Washington, Minnesota, Oregon, South Dakota, Canada, Mexico and Brazil.

Families sharing parts of their collections to add to ours were: the Sain's, Miljour's, Bemis's, Markert's, Johnson's, Anderson's, Nelson's, and Brunngraeber's.

With thanks to the aforementioned and to the auction bidders, our club was able to add \$53.20 to the Midwest Federation Scholarship Fund.

.....(Thanks, Ernie, for the fine report!)

* * * * *

EDUCATION is the THEME for the MIDWEST FEDERATION for 1971

We can start by learning more about our own club through participating in the meetings, serving in an office or on a committee, reading the club bulletin, etc. Next, we can learn more about our Midwest Federation through carefully reading the newsletter included in our club bulletin.

We can learn more about our hobby through special classes such as lapidary, fossil study, gem art, mineral appreciation, silversmithing, etc. We could invite another club to be our guests at a special meeting to share ideas and experiences on collecting, polishing, mounting, etc. Many clubs are having basement field trips during the winter months--an incentive for the hosts to dig out their best specimens for the field-rippers to see. This would lead to shop talk, collecting sites, funny experiences, etc.

We can learn by sharing our hobby either through preparing and giving talk or demonstration on some part of our hobby to any of the youth or adult organizations in the county or by setting up a display case at a school or other public place.

.....:----- for your INFORMATION -----:.....

The 1971 Midwest Federation Meeting will be held in the County Fairgrounds at Mansfield, Ohio, July 22-25. It was noted in a newsletter that the general chairman of the show has proposed an official exhibit, in a circular form, consisting of state exhibits as the center of attraction. Each state represented will be furnished a case in which to set up their exhibit. A state flag will hang above each state exhibit. Such an impressive and spectacular arena should be a dramatic drawing card. Have you thought about planning your vacation trip to take in a day or so at Mansfield?

The EARTH SCIENCE magazine is the official publication of the Midwest Federation of Mineralogical Societies. Subscription price is \$3.00 per year. For each 5 subscriptions sent in from a club, the club can pick a school, library or other organization to receive a free subscription.

Some members order the LAPIDARY JOURNAL through their club. On all subscriptions, the club receives \$1.40 for one year subscriptions, \$2.75 on 2 year subscriptions and \$4.00 on 3 year subscriptions. You would specify whether yours was a renewal or a new one. Each subscriber receives verification, giving the number of issues and dates of first and last issues. It takes about a month to process the subscriptions.

"Collecting Minerals in Michigan" by R.W. Vellely and H.J. Hardenberg has been serialized as Pamphlet 4. It is available free from the Department of Natural Resources Publication Room, Mason Building, Lansing. "Guide to Michigan Fossils" by R.W. Vellely is also being reprinted and will soon be available.

BETTY CROCKER COUPONS can still be turned in at club meetings. The club receives credit of $\frac{1}{2}$ ¢ per coupon point toward support of the Scholarship Foundation. Help your club help the Foundation!! Our club is a 200% er and is working towards the 300% goal.

COMMEMORATIVE STAMPS: Have you wondered why we are collecting, sorting and sending them in? Read the explanation of the GOOD done through this project in the February Midwest Federation's Newsletter included in this bulletin.

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The following are some excerpts taken from an article on ROCK HUNTING for fun and profit sent in by Chris Miljour, edited by Maria Layne and published in the Catholic Weekly:

"...People climb hillsides. They peer at the ground beneath them with increasing interest and eagerness. No one seems to mind the exertion or the roughness of the ground. Their eyes are fixed on the silvery sands of the long stretch of beach. They are wandering along seeking. Stragglers search the hot desert sands, hopefully. These are the Rock Hounds."

".....it is a fun-filled, exciting hobby. It is packed with endless thrills and suspense....(continued on page 16)

A TRIBUTE

by Gerald Clark in "The Glacial Drifter"
(Via: "The Hammer", and "The Rock Rammer")

I'd like to pay a tribute here
To female rockhounds, far and near;
And ask, what would a field trip be
Without the femininity?

Without the din of female chatter
The trip would be a dismal matter.
We'd miss the shrill excited sound
Of "Hey, Marie, look what I've found."

Each object that these girls discover
Is greeted like a long-lost lover;
And when a special find is made--
The finder gets an accolade.

To highest crest or deepest hollow,
Lead on, MacDuff; these gals will follow.
You reach a peak that you've been scanning
And find them there, discussing canning!

I can't help weeping when I hear
A rockhound wife say "Hubby dear,
Just put those boulders in MY pack
And spare YOUR sacroiliac."

If I may briefly leave the wagon
I'll toast you in a frosty flagon;
And with my glass high in the air
"S'ral" Lady rockhounds everywhere.

I hope that all your days on earth
You keep that gift of joy and mirth;
The next rock that you break and riddle,
May there be diamonds in the middle!

* * * * *

BULLSEYE CABS FROM TIGER EYE

Many small pieces of banded rough that cannot be placed in the saw vise to any advantage can be laid on edge and cut parallel to the bands to achieve bulls-eye effects.

The more contrast between the bands the stronger bullseye effect you will have. If the stone is cut with a high dome many bands will be evident. If a low dome is cut, less bands will show. So decide what effect you want before slabbing. Remember to slab parallel to the bands!

This might be tried with malachite, onyx, jasper and some rhodochrosite.

...by Paul Yeater. Via: Earth Science News.

PICKING WONDERSTONE IN MEXICO

by Teresa and Pat Bemis

It was the last week of June that my family and I were visiting relatives in San Diego, California. Jo, my sister, is the rockhound that started us on our way to rock collecting with the many interesting pieces in her rock garden and in her house. Mike, Pat, Jo and I were sitting around on Monday evening talking about a field trip. My brother Mike said, "Let's go to Mexico and look for some Wonderstone. We'll go to Pinto Mountain in Mexico's lower desert." At this time of year the temperature averages around 115°. Most sensible rock hounds go in January or February and camp there for a week at a time but we are unable to go at that time of year.

We decided to go the next morning. We left at 8:30 a.m. from San Diego east on Highway 94 to Tecate, Mexico; then east again on Highway for 58 miles. La Rumorosa is a very poor town with a gas station and is located at the top of the mountain where it was a cool 98°. We inquired as to the temperature in the lower desert where we were going and were told that it was 110° at 9 o'clock that morning. As we left the town which was at an elevation of 4,500 feet, we compared the dry, dusty and poor conditions of the area to the rich irrigated farmlands of the United States. Going down the steep mountain to the valley floor, even turnoff had a truck or car on the way up, stalled, with their hoods up and the radiators steaming. As we traveled on our way down the mountain the terrain changed rapidly to huge round boulders that were piled into mountain ranges that seemed to have been placed there by some giant hand. We wondered how they were formed. Continuing down the mountain (a very long distance) we could see the vast expanse of desert below shimmering in the intense heat of the noon day sun. We were beginning to feel the extreme heat of the desert which was now well over 100°. We stopped halfway down the mountain for lunch and to decide if we should turn around and go back to the cool mountain top and wait until evening before continuing on. Being from cool Michigan, Pat and I wanted to go on and experience the "heat of the desert in summer."

After what seemed like hours, we finally reached the valley floor, we saw people living in adobe houses with tin roofs. Driving 5 more miles we turn north onto a rutty dirt road for 6 miles and parked at the foot of Pinto Mountain which was red, while the other mountains were of a gray or black color. Jo told us that this was the same road that the Mexicans used to get out of the country illegally. Once in awhile we could see a small airplane flying overhead.

We stepped out of the camper and started picking the beautiful Wonderstone but we soon found that the rocks were too hot to handle. Pat would put one in his pocket but take it out again quickly. We put on gloves to pick up the rocks but still were unable to pick more than 10 minutes at a time. Our indoor thermometer registers only 120° and the mercury was right to the top. As the sun went down and the wind picked up we were able to stay out longer and picked our rock bags full.

We didn't get much sleep that night as the temperature stayed at 100°. By 4 a.m. it had cooled to 90°. We ate breakfast in the dark so that as soon as it was light enough to see we would be ready to pick

Picking Wonderstone in Mexico---continued

more Wonderstone. Pat and Mike climbed to the top of Pinto Mountain to pick the bigger rocks while Jo and I were content to stay closer to the camper and pick the small ones. By 9 o'clock the sun was getting unbearable so without further incident we headed back to San Diego. We were a tired and hot bunch but much richer in experience; something I wouldn't trade for anything.

Often when the snow lied deep and the temperature is -0° we think back to "that day in Mexico picking Wonderstone."

* * * * *

FOOD FOR THOUGHT

You are never too old to learn, but many people keep putting it off.

Use the talent you have....the woods would be very silent if no birds sang there; except those who sang best.

The big difference between stumbling blocks and stepping stones is how one uses them. Pick them and you stumble; step on them and one climbs.

A smile is a curve that can set many things straight.

A woman driver is a person who drives the same way as a man; only she gets blamed for it!

.....from Helen Nelson

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LIBRARY NEWS by..Edith and Ray Anderson... LIBRARY NEWS

Your new librarians have been browsing through last year's bulletins and after reading the April and May issues brought them to the Rock club meetings for members to take home and read. We hope you will enjoy them and will learn more about our hobby along with what other clubs are doing to keep their membership interested and happy. Each month a new batch of bulletins will be brought to the club meeting for you to take home to read. You will find lapidary tips besides articles on many related aspects of the hobby.

MINERAL DIGEST. The club voted to subscribe to this new magazine which will come 4 times a year. We have the first copy and want every member to have a chance to read it. It is printed in Germany with color on almost every page. Well known authors have written articles on minerals and gemstones. All you have to do is get the magazine from some member that has it, read it, sign on the page attached and pass it on to another interested member. Don't miss the opportunity to read it! Call 226-2327 if you can't locate it and want to reserve it for a certain date.

It's MEMBERSHIP time!!!! Renew your MEMBERSHIP now!!!!

Junior's Rockhounds

SHERYL JOHNSON....."First time on the mine piles"

The first field trip I ever went on was on some mine piles. This trip was last June 6th. On Saturday at 9 am. we met at Ahmæk. We went to several mines that day. Neither I nor my parents had ever been on a field trip before and didn't know much about them. We got quite a few specimens that day and had a lot of fun. When we got to our motel that night, we looked at everything everyone else got--even though we didn't know what all of it was.

MICHAEL QUAYLE....!"How I got to be a rock club member"

I have been interested in collecting rocks and minerals for a few years but have been a club member for a little over one year. My family likes to study rocks, too.

Although I wasn't a member of the club I entered part of my collection at the U.P. Gem and Mineral Show in 1969 in St. John's school.

When I saw the club exhibit at the C.L. Phelps school I asked the principal if I could set up an exhibit and he told me the IR&MC were in charge of the display case and I should talk to Mrs. Hughes or Mrs. Jarvi. I talked to Mrs. Hughes about my interest and she encouraged me to join the club.

I am learning more about the hobby through being a club member and reading. I read that to remove the green color from old copper, you can soak it in an acetic acid and water solution until it is bright. Rinse it off in clear water.

* * * * *

Crystals in a Hurry from the "Dallas County Rock Club"

These experiments were performed in a 3rd grade classroom by the teacher, Edna Lamb: Sugar rock salt and alum crystals were grown from super-saturated solutions made by heating 1 cup water and stirring rock salt, alum (from the drug store) or sugar until no more would dissolve. Then the solution was reheated and a little more material added since the hot solution holds more mineral. (Do not boil the salt or sugar solutions but the alum solution should be boiled about 3 minutes.

While still warm the solutions were poured into glass jars and a pencil was placed across the top of each jar from which a weighted thread was dropped into the solution to provide a vertical surface upon which the crystals can grow.

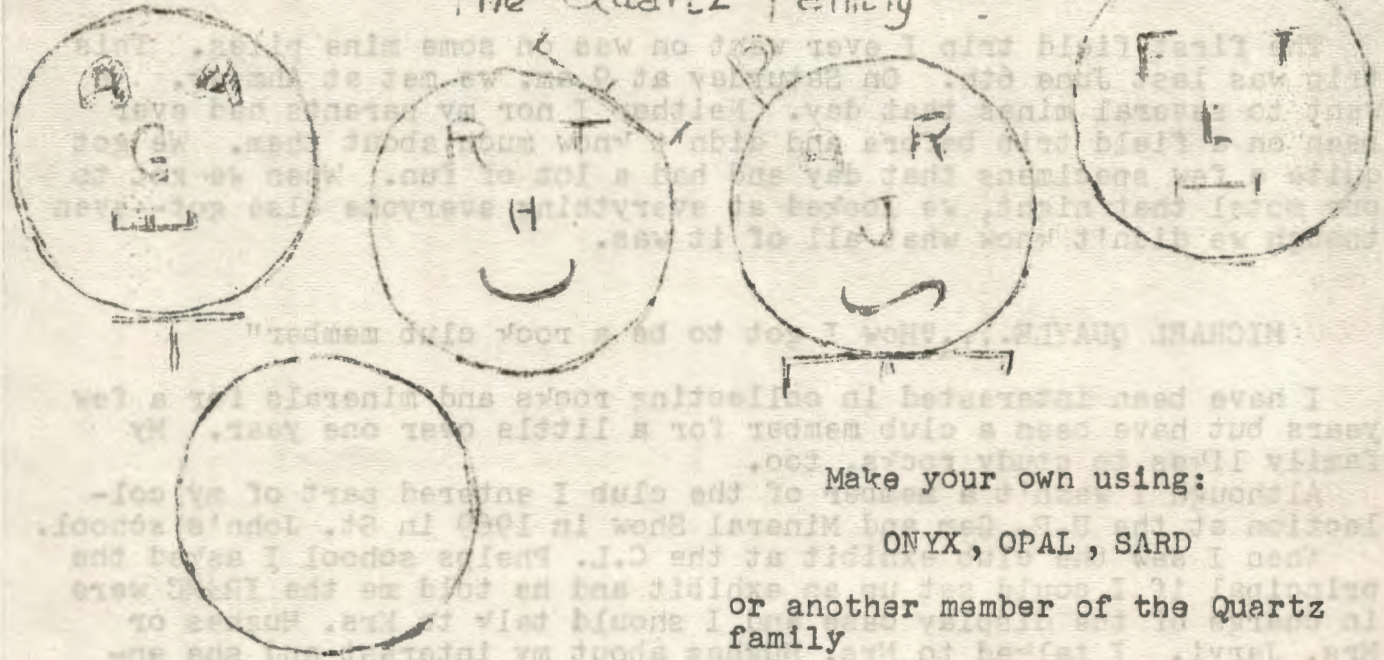
The salt and sugar crystals appeared in a few days and grew slowly, but the alum produced large beautiful crystals the first day. For 2 cups of water you will need approximately 6 tablespoons of alum.

* * * * *

PUZZLES for the JUNIORS

(By the Renahans from the Beachcomber)

The Quartz Family



Make your own using:

ONYX, OPAL, SARD

or another member of the Quartz family

XXXXXXXXXXXXXXXXXX

The following scrambled words all belong to one group of rocks. After unscrambling the words, unscramble the letters in the O's to find the group.....

- BROGOBA....O _ _ _ _ _
- DSETAINE... _ _ _ O _ _ _ _
- IMUPEC..... _ O _ _ _ _
- EITSENY....O _ _ _ _ _
- YLORIETH... _ _ _ O _ _ _ _
- ITARGNE.... _ _ _ O _ _ _ _
- DTIIREO.... _ O _ _ _ _

Group of rocks formed from O's

-----.

(Look for answers on another page in this bulletin)

Junior Rockhound Trading Friends: This is a type of "Pen Pals" in that along with the letters you trade specimens of minerals, crystals, polishing material, etc. It could be an interesting way of building a collection from many states along with making friends.

One of the clubs in the midwest noted that a junior member was busy carving out a miniature zoo which he hopes to exhibit some day.

Something to plan and work for: One group of juniors shared in a display case by each entering a prized specimen(labeled) along with a picture of the owner.

Any ideas how to interest more juniors in the hobby????

Shop Hints

Shop Hints

** When working with a soft stone such as alabaster, marble, or onyx, soak it in water a day or so before cutting it in oil. The oil will not soak in and later when polishing, a better final polish will result. (Via: "Pebble Pusher")

** Instead of using ball caps on baroques, make tiny slits in the top of the stone with a trim saw-- just enough to hold a drop of epoxy and a jump ring. By placing the joint of the ring (or using the jointless variety) you have a secure fastening. (Via: The Kyana Gemscoop and Rock Rammer)

** Wax-dopping is impractical at times; if epoxy is used, a good solvent to remove the stones from the dopsticks is Sherwin-Williams Wash-A-Way paint remover. Just enough of this solvent placed in a glass to cover the stones and let stand for about 2 hours; then they will come off cleanly. Wash them in running water and dry. (Via: Kyana Gemscoop and Rock Rammer)

** After lapping large flats, place them under a heatlamp for about 5 minutes. Then polish on felt with tin oxide. This saves heating the stone by action of the felt wheel, and gives almost instant polish. (Via: The Template)

** **BUTTONS**--the easy way! Use an Industrial Diamond Core Drill. Drill a core to the maximum depth of the core (some cores come in lengths of 2 1/4", longer drills are a special order) or purchase the drill cores. Slice the core to the thickness desired. The slices can be domed or polished flat. Glue a metal button on the back, and presto! a set of matching buttons. (Via: The Template)

- ** You have JADE if-----
1. A small chip knocked off the end of the rock does not sparkle in the sun.
 2. You can't scratch it with a knife point.
 3. It is much heavier than any other type of rock of similar size.
 4. When you tap the specimen lightly with the point of your hammer no small moon-shaped fracture shows up.
 5. It IS Jade if it has a smooth waxy, almost greasy look and feel. (Via: Golden Spike News)

** To burnish those tumbled stones to a beautiful high gloss, just do this: After removing stones from the final polish, wash thoroughly then run another 12 hours or more (as you choose) in a solution of 1 1/2 cups sugar, 1 1/2 cups Breeze detergent and water to cover the stones. You will have a pleasant surprise. (Via: The Glacial Drifter)

- ** **Cleaning mineral specimens:**
1. Fluorite--Can be cleaned the same as quartz but go easy!!!
 2. Quartz Crystals-- For red and brown stains soak in a concentrated solution of oxalic acid. For black stains, if due to manganese, try hydrochloric acid.
 3. Copper-- Use 1 part glacial acetic acid to 10 parts water. Always add acid to water and do it slowly. Immerse copper until bright and shiny. Rinse in clean water. Rinse again. Neutralize in ammonia. Rinse. Dry. Spray with clear plastic.

NOTICE →

Use form on back page to send in #
your 1971 dues. #
#####

LAPIDARY TERMS AND TREATMENTS

CHATOYANT: Possessing a changeable luster like a cat's eye in the dark. From the French word "chat" meaning cat. Tiger's eye is the favorite stone in this class. The base of the stone should be cut parallel to the fibers.

AVENTURESCENT: Possessing small flat twinkling inclusions which reflect light. Best examples are Goldstone, Sunstone, and Aventurine Quartz. Rough specimens should be cut so the base is parallel to the best reflection. Finish the cabs low or flat for the best color.

ADULARESCENT: The blue sheen or silver gleam that is characteristic of some forms of transparent or translucent orthoclase, Moonstone to us. Saw parallel to the side showing the best sheen. Have a high top on the cab.

LABRADORESCENT: A color due to interference of light within the stone. The best example is Labradorite which may be yellow, green, blue, red or yellow. Cut the base of the stone parallel to the best play of color. Finish cab with a low or flat top.

IRIDESCENT: A play of colors similar to an oil film on water. The most common, but hard to work example is fire agate.

IRIS: A rainbowlike play of colors best demonstrated in some almost transparent agates. Slice the stone thin, cover with oil and hold at arms length towards an unfrosted light bulb. The colors, if present, will seem to jump out at you.

ORANGE OR LEMON PEEL: A description of the surface finish that is obtained on some fibrous stones that contain a mixture of hardness. Very fine diamond cloth sanders followed by polish on leather with Linde A is the best. If these are not available try a sharp 600 grit sander wet, followed by an old 600 grit sander dry. Then polish with Linde A on leather. Rhodonite, Jade, Lapis, Jaspilite and Ruby in Zoisite fall into this category, in most cases.

These are tried and proven lapidary treatments. Try them, test them. If you find a better way, share your information.

.....Hazel and Pete Feilen (Via: The Rockpile and The Conglomerate)

* * * * *

A HAPPY 1971

..from Asian Proverb

If there is **RIGHTeousNESS** in the **HEART**,
there will be beauty in the character.

If there is **BEAUTY** in the **CHARACTER**,
there will be harmony in the home.

If there is **HARMONY** in the **HOME**,
there will be order in the nation.

When there is **ORDER** in the **NATION**,
there will be peace in the world.

SAFETY PRECAUTIONS FOR
LAPIDARIES..by James C. Coe

5212 E. Ocotillo Rd. , Phoenix,
Arizona. 85016

Recently the rock-saw fluid of a Yuma rockhound caused an explosion. He was badly burned and, as a result, died two days later. Somehow, the wrong fluid had gotten into the saw, and when the blade struck the stone, the spark caused ignition.

An abrasive-covered cloth on the flat side of a wheel was not glued on securely. As a result, a pen stand being worked on was thrown against the forehead of the operator. Fortunately, it didn't hit his glasses or glass slivers would have been driven into his eyes. Good goggles are available which can be worn over glasses.

In truing the side of a lop-sided carborundum wheel, the diamond imbedded piece of steel being used was pulled into the space between the side guard and the side of the wheel along with the operator's thumb. Most of the thumb nail and some of the flesh was lost in a few seconds' time. Using vise-grip pliers would have avoided this injury.

There are various hazards from open belts and rotating machines requiring alertness and caution to prevent injury to the operator. One should be careful not only of one's hands but footing as well. On one occasion, I slipped and fell onto a 12" drum which was decelerating. It took quite a strip of skin off my side.

Not all accidents happen as fast as the above. Silicosis builds up over a period of years. A recent study by the South African government shows that stone dust lodging

in the lungs remains there, and is not absorbed like wood dust, lint, and other organic compounds. Some rock dust is present in the air, even from dampened wheels used in smoothing stones. Grinding grits and polishing oxides are also inorganic and are not absorbed into the human system from the lungs. This cuts down lung capacity--and worse. To reduce the dust from a cloth-covered polishing wheel, I first place a piece of felt under the muslin. I find this is not only economical of oxide, but an aid to the polishing in that the muslin stays damp longer and less dust gets into the air.

Some lapidaries use rouge for metals and as a pre-polish for stones. While jeweler's rouge is iron oxide imbedded in grease, it can also lodge in the lungs, although dry polishing dust is more likely to find its way into the lungs.

Dust masks are available which filter out particles which are a ten-thousandth of an inch in diameter or larger. These are not entirely adequate for grits and powders which are only a few microns in diameter. Moisture on the wheels helps to keep these out of the air, or at least limits them.

An adequate exhaust system is a good investment; also, portable commercial vacuum cleaners in 5-gallon tanks are an aid in controlling the dust. In these, rock particles, etc., cannot strike the rotor of the vacuum cleaner and cause damage. Incidentally, more rotors of ordinary home vacuum cleaners are damaged by pebbles or other small objects than from any other cause.

Another hazard has resulted from adhesives used in assembling

....safety precautions continued

jewelry and other articles, if a person is allergic to the adhesive used. Various plastics and plasticizers are used in different kinds of adhesives and I guess I'm more or less allergic to all of them, especially epoxy. Odors from epoxy cause my head to swell so that I look like a pump-in with ears on it. Another causes a rash to appear, and another affects my breathing, etc. Masks filled with activated charcoal eliminate most of the odors from the nostrils, but contact with the hands is bad, too, especially if the hands are then placed on other skin surfaces before cleaning them. The best way to avoid these adhesives to which one is allergic is to find someone else who is not allergic to that particular glue to do your gluing.

In conclusion, care must be exercised in working around machinery. Dust should be reduced and drawn away from the operator, using such means as fans and vacuum cleaners. Modern adhesives can cause a lot of misery to people who are allergic to them, both by inhaling their fumes and from handling them.
(Via: The Michigan Gem News)

Answers to scrambled words puzzle:
1. GABBRO 2. ANDESITE 3. PUMICE
4. SYENITE 5. RHYOLITE
6. GRANITE 7. DIORITE.
The rock group is IGNEOUS

"Worry is like a rocking chair- it gives you something to do, but doesn't get you anywhere."

What is membership within an organization? It's your commitment to something that you enjoy.

....continued from page 7

And, plus all of this, there is always that inner hope that you may come up with a valuable find.."
".....rock hounds have much to gain and nothing to lose. They learn science and geography in the most delightful and fun-filled way. The entire family may soon want to join in on the search--for the excitement and fun of rock hunting is a hobby which fascinates people of all ages....."

Your editors for this issue wish to acknowledge the dedicated service of Clarice Smith and husband Bernie, editors for the past several years. They have done a splendid job and their pattern of quality workmanship will be hard to follow. But, it is important that the vacancy be filled to give continuity to our program and to provide us with the opportunity of exchanging bulletins with other clubs throughout the Midwest Federation. Our bulletin is a way of keeping all of our members informed and of exchanging ideas with fellow rock-hounds from many states.

We thank the contributors to this issue: Pat and Theresa Bemis, Edith Anderson, Helen Nelson, Chris and Vernon Miljour, Ernest Johnson, Sheryl Johnson and Michael Quayle.

* We apologize for any omissions or errors in this issue of the Jaspilite. We are only filling in until someone with secretarial experience offers to be EDITOR.

Editors, pro tem

Laurence and Olive Sain

Help Wanted Ad

I know that the welfare and progress of the club depends on the participation of its members in committee work, programs, meetings, etc., etc.....

I realize that it would help the officers if I along with all the other members would offer some assistance in the operation of the club and its activities.

I will make a start by answering the requests made in this bulletin.

Officer positions open:

EDITOR _____ CURATOR _____

Door prizes needed for Sept. _____, Oct. _____, Nov. _____ Dec. _____

Hostesses needed for Sept. _____, Oct. _____, Nov. _____ Dec. favors _____

* * * * *

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

Dues are payable yearly at the January meeting.

- Husband and wife.....\$3.00
- One adult..... 2.00
- One junior..... 1.00
- A family membership shall not exceed \$5.00.

Enclosed is a (check, money order) for \$ _____ for continuing the membership (s) of _____
(name, names of each individual)

(mailing address, including zip code) (telephone number)

for the 1971 club year.

Address of the treasurer:

Mrs. Fred Garceau (formerly Mrs. Doris Hughes)
765 White
Ishpeming, Michigan 49849

NOTE: The HELP WANTED section above can be included with your dues. Doris will give the information to the president.

Midwest Federation's NEWSLETTER



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Issue No. 111 - January 1971

A Message From Our New President

THE PILL... YES OR NO

Tradition has it that every new president of a Federation must have a theme, to unify clubs and give direction for the year. This reminds me of a cartoon I saw a few years ago, where the editor of a grade school newspaper was being questioned about the paper. When asked about how often it was published, he shook his head slowly and said - "Every Friday, whether we need it or not".

Whether we need it or not, the theme for '71 is not new; it is the oldest theme in existence, education. The more we know about our hobby, the more we can enjoy it. This is the function of the MWF - to provide information and education to member clubs so that all may enjoy rockhounding more.

But as any teacher can tell you, education is useless without communication. There is an old story about the wise teacher who told his class members to raise their hands if they finished listening before he finished talking. This is a problem that the MWF has, a problem of communication, for even with the vast amount of information sent out by the MWF, some clubs still ask "What does the MWF do?"

The Midwest Federation is much like a doctor; it can do little until called upon to solve a problem. Like a doctor, it can prepare ahead of time an antidote, a pill for maladies, such as club slide programs, specialists to answer questions about rocks, minerals, fossils, tax problems, laws, speakers, putting on a show etc., lists of show judges and special displays, funds for Rockramas etc. But again like the doctor, the MWF must wait for a request for the "pills" it has prepared.

HAS YOUR CLUB EVER ASKED FOR ONE OF THE PILLS?

Or have you benefitted from the MWF only by attending one of the annual conventions, or using the Directory to find rockhounds in strange cities, or collecting in an area still open only because irate rockhounds bombarded their congressmen with letters after being informed about the potential closing through MWF experts in legislation?

There are now about 125 elected officers, committee chairmen and assistants, and state directors and assistants serving the MWF and the 200 clubs in it. Each is an expert in his field. None makes a penny from the Midwest.

EARTH SCIENCE MAGAZINE

In the January-February issue, Michigan State Director Russell Greer begins a 2-part article for lapidaries "From Rock to Cabochon." Dick Ade, Chairman of the Archaeology committee, writes on "The Effigy Mound Builders." Dr. N. King Huber, U.S. Geological Survey, tells why he believes much of the "thomsonite" from Isle Royale is actually copper-bearing prehnite. Finally there's the story, in her own words, of a plucky lady in Kalispell, Montana who undertook to teach a college course in rockhounding.

All want to dispense their "pills" - and even more, make new ones. They can do this only by tapping the wealth of information locked in YOUR club and others like it. Your club has in it people and groups who could make an educational program for the MWF that could be used by 200 other clubs, but the MWF cannot make this "pill" available until you are willing to make it. Likewise, the MWF cannot make new pills until we know what is wrong. So please...

If your club can produce a program, TELL US.

If a member of your club has a new, exciting idea, TELL US.

If you feel a special program is needed (for juniors I.D. of fossils etc.) TELL US.

If you need help in putting on a show or forming a junior group, TELL US.

If you need identification of fossils, minerals, or rocks TELL US.

...and if the MWF asks YOU to participate in a project, please HELP US.

The Midwest Federation has some mighty good "pills" and wants to make even better ones. Try a MWF "pill" someday, and help us make some new ones.

Jay C. Wollin, President

ALL HISTORICAL MATERIAL

histories and bulletins should be sent to the Archives chairman, Elmer Priggie, 6919 West 31st Street, Berwyn, Illinois 60402.

At Evansville, Indiana

FALL MWF EXECUTIVE COMMITTEE MEETING

The Midwest Federation Executive Committee met at the Washington Square Mall in Evansville, Ind. Saturday, Nov. 7, 1970. The Evansville Lapidary Society made arrangements for the meeting in connection with their annual show held at the Mall on Saturday and Sunday.

President Jay Wollin set the tone of the meeting by declaring this to be "the year of EDUCATION" in the Federation. We need to do a better job in acquainting member clubs with what the Federation is, what is available to clubs from the Federation, and how to obtain help when needed. In addition, committees should work toward improving and augmenting their services to clubs.

One feature instituted at this meeting was the formation of what Jay called "Hash" groups which met separately for about 45 minutes to discuss problem areas. The areas of Programs, Convention and Show, Newsletter, and Uniform Rules were covered by four different groups. This procedure proved very profitable as evidenced by reports of Committee Chairmen which followed.

Major areas in which extra effort will be made this year are:

1. More program material and better service to clubs on programs.
2. A MWF Bulletin Editors Manual to stimulate more and better club bulletins.
3. An educational program to correct misconceptions and answer complaints on the Uniform Rules. This should also increase the number of competitive exhibits.

The Executive Committee thanks the Evansville Lapidary Society for the excellent facilities and arrangements and also for the party given the group in the evening. -B. F. Parr, 1st Vice President

Scholarship Foundation

13 CLUBS REACH NEW STATUS

13 MWF clubs have reached a new percentage status in the Scholarship Fund. These clubs are congratulated for their efforts.

- 1300% - West Suburban Lapidary Society
- 800% - Des Moines Lapidary Society
- 500% - Lake County Gem and Mineral Society
- 400% - Richland Lithic and Lapidary Society
- 300% - Central Iowa Mineral Society
Dallas County Rock Club
Wisconsin Geological Society
- 200% - Flint Rock and Gem Club
Ozark Earth Science Club
Cincinnati Mineral Club
Badlands-Sandhills Earth Science Club
- 100% - Great Lakes Rock Club
Pike County Gem and Mineral Society

Thanks are expressed to clubs counting and trimming coupons before mailing. A reminder to clubs to include name and address both inside and on the outside of all packages. -Katharine Steinbrenner, Chm.

Richland County Fairgrounds, Mansfield, Ohio 1971 CONVENTION AND SHOW July 22-25

The committee for the 1971 show is working hard to make it the best ever. The aim is to put on an enjoyable show with a friendly atmosphere at the Fairgrounds but at the same time make it rewarding from an educational standpoint. The committee would appreciate comments and suggestions from the Federation membership. The committee cannot promise to use all suggestions but they will be given serious consideration. Address the chairman, B. F. Parr, 1488 Marion Avenue Road, Mansfield, Ohio 44906.

PALEONTOLOGIST NEEDS HELP

More and more professional paleontologists are turning to the amateur collector to provide rare and often unknown fossil specimens for study and description. The amateur often is able to spend more time collecting than the professional, and is able to be there at the right time. Many very valuable (to science) specimens are sitting on dusty shelves, which under proper study would shed light on many fossil classification problems.

Dr. Erik Kjellswig-Waering, of Oslo, Norway, is presently doing a study on eurypterids, scorpions and spiders of the Pennsylvanian. He desperately needs as many specimens as possible of these fossils from the Terre Haute, Indiana area strip mines. These specimens will be described and undoubtedly new species will be found - perhaps a specimen would be named after YOU!

All specimens will be given extreme care, and will be returned if you wish. If you have a specimen that is a small eurypterid, scorpion, or spider-like insect (not insects with wings, or shrimp) and would like to help science and gain a bit of fame, send a brief description of the fossil and a small sketch if possible to: Mr. Ted White, 2623 S. 38th Street, Omaha, Nebraska 68105.

Ted is acting as liaison between Dr. Waering and the fossil collectors of the MWF. You will receive instructions about sending your specimens from him or Mr. Waering.

Please participate in this effort if you can. Let's show the professionals that the amateur collector can be of great value.

Season's Greetings

TO ALL OUR
MEMBER CLUBS



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Issue No. 112 - February 1971

1971 CONVENTION AND SHOW

Come to Mansfield, "The Fun Center of Ohio", July 22-25. The show committee wants this to be an enjoyable show with something for all the family. On the serious side, however, there will be some very informative programs and a number of excellent educational displays.

Individual exhibitors, either competitive or non-competitive, will be given free admission. This does not apply to club exhibits. There will be an area for "come and go" cases. These exhibits, however, will not give free admission.

The roster of dealers is complete and there will be 30 of the top dealers from coast to coast covering all types of material and equipment. Cafeteria food service will be available in one of the fairgrounds buildings and camping is permitted on the grounds.

Packets of material will be sent to clubs in February. These will include flyers, advance registration forms, exhibit entry blanks, and information on accommodations.

Watch the Newsletter each month until show time for additional information. - B. F. Parr, chmn., 1488 Marion Ave. Rd., Mansfield, Ohio 44906

OUR STAMP PROGRAM

The Midwest continues to help saving lives by asking its member clubs to save used postage stamps. The used stamps are turned into cash to provide food for hungry children overseas. Each dollar can provide up to 220 pounds of food.

Cut stamps from envelopes or paper leaving about 1/4 inch margin of paper around the stamp. Count the stamps into bundles of 100 and mail them together with your name, name of your club and your complete address to Mrs. W. H. Steinbrenner, 2813 Patricia Drive, Des Moines, Iowa 50322.

Please do not send torn stamps or straight edges and commemorative stamps are most desirable.

IS YOUR CLUB PARTICIPATING IN
THE SCHOLARSHIP PROGRAM?

UNIFORM RULES SUPPLEMENT

A copy of the Uniform Rules Supplement is being mailed with this issue of the Newsletter to all officers, members of the Executive Committee and all members clubs. Please insert this sheet in your Uniform Rules (RED) book.

1971 WINNER OF AFMS SCHOLARSHIP AWARD

Dr. Eugene S. Richardson, Jr., of Gurnee, Ill., has been voted the American Federation of Mineralogical Societies Scholarship Foundation Award for 1971. The Federation, which has well over 60,000 members, presents this Award annually for outstanding achievement in the field of Earth Sciences.

Dr. Richardson has been Curator of Invertebrate Fossils for Field Museum of Natural History since 1946. During that interval he has written many articles for the Field Museum publications, and for other paleontological journals. He is advisory editor of paleontology for Earth Science Magazine, and an Honorary Member of the Midwest Federation of Mineralogical Societies, the Lake County Gem and Mineral Society (Waukegan), the Earth Science Club of Northern Illinois (ESCONI) and the Chicago Rocks and Minerals Society.

Pen State University awarded him his M.S. Degree in 1942, Princeton his Ph. D. in 1954.

No Midwestern Paleontologist has helped the amateur as much as has Dr. Richardson. He regularly and frequently lectures to Chicago area audiences and works closely with local club members in their search of the strip coal mining area southwest of Chicago which has produced so many spectacular paleontological finds.

In behalf of the Foundation he will select schools that will receive grants from the Foundation to assist six graduate students for two years each in pursuing their work toward a Masters or Doctors Degree in any of the Earth Sciences. -W. H. deNeui, President

ZIP CODE CORRECTION

Our First Vice President, Bernard Parr, 1488 Marion Avenue Road, Mansfield, Ohio has had his zip code erroneously printed on the MWF stationery and in other publications. His correct zip code number is 44906.

A PLACE FOR MINING AND INDUSTRY

With all the current emphasis on ecology and conservation, it would be too bad if people did not realize that there is a place for mining and industry," writes Calvin George, chairman of legislation and conservation for the Midwest Federation. In support of this observation, he cited two recent articles. Quotations by permission from the articles, the first from the April Ore Bin, publication of the Oregon Department of Geology and Mineral Industries, and the second from the March Missouri Mineral Industry News, published by the Missouri Geological Survey, follow:

The sand and gravel industry in Oregon, being concentrated in the Willamette Valley near the population centers, is becoming hard pressed to provide the raw materials needed to build our highways, bridges, and airports. There is a potential shortage of this valuable product for the coming years, because many of the better deposits are being overrun by housing or other incompatible developments. What happens to a gravel pit after it is mined out? Can the land be reclaimed or put to other uses?

We are printing the following editorial which recently appeared in the Missouri Mineral Industry News:

Mineral deposits are where you find them; sometimes they're in convenient places, sometimes not, but wherever they are they can only be recovered by mining. Once highways, homes and industries are built over mineral deposits they are lost and must be sought elsewhere. The Geological Survey has long advocated sequential use of lands underlain by mineral deposits. First, mine the minerals with a plan toward reclamation and reuse of the land. Second, reclaim the land so that it may well yield more than was gained from the mining. And third, reap the benefits in increased tax revenues from land that might have been rendered worthless without forethought.

Is this practical? The city of Mexico, Mo. has schools built on land that once was a "worthless" clay pit; the clay that was once there financed the reclamation and part of the school construction and the upbringing of many of the kids who go there, while serving the nation in such capacities as boiler linings and launch pads for space vehicles. Last month the Nation's First Lady toured a reclaimed coal strip mine (in Illinois) that will eventually bring its developers more money than the coal brought the mining company. Underground mines in Kansas City and Springfield provided cheap concrete aggregate and road stone for many years; now the mined space houses instrument factories, computer centers, warehouses and terminals that will provide profit for the owners and taxes for the cities far in excess of the value of minerals that were once there, and are now used.

The Columbia (Mo.) coal mining problem is an ex-

SPONSOR A ROCKRAMA

in 1971

A BOOK FOR FOSSIL COLLECTORS

"Record In Rock", a handbook of the Invertebrate Fossils of Nebraska by Roger K. Pabian and illustrated by Sally Lynne Heald. Has 99 pages, maps, tables, drawings, color plate, bibliography. Write University of Nebraska, Conservation and Survey Division, Lincoln, Nebraska. Price is 50¢ (52¢ in Nebraska).

This paperbound book is a must for every fossil collector in the midwest. The skillful presentation and the excellent drawings are of infinite help in the identification of all fossils less than 325,000,000 years old. The appendix listing all the fossil invertebrates, plants, and fishes that have been found in the state, with a complete list of references to the primary literature on each genus, makes this a truly scholarly book. But the clear, concise language makes this a publication for anyone who really wants to learn in this area - young or old, amateur or professional.

cellent example of how mining's poor public image and the public's uninformed outlook combine to saddle the citizens with higher utilities costs and lower tax revenues from unattractive developments. Some time ago, Peabody Coal Co. leased acreage outside Columbia for strip mining of coal. Subsequently the city annexed the area and immediately a hue and cry arose to stop the proposed stripping.

It happens that Peabody supplies Columbia City Utilities and the University with coal, and the beauty of this particular coal field lies in its proximity to the coal-fired electric generating plant. The savings in trucking costs can be passed on to the people of Columbia in the form of lower electric bills.

But this is not the only reason for advocating coal stripping Columbia. The technology is already available for reclaiming mined lands; it is now possible to plan mining in a way that will give an end product of attractive landscape with recreational lakes, etc. that can be a part of the normal mining expenses. The great shovels that expose the coal need not be the monsters they've been portrayed as; people made them, people can control what the machines make.

We can think of no better way to have one's cake and eat it too. Why not work out a plan with the mining company for imaginative reclamation of the mined lands?

MRS. OLIVER ROSKAM

The Midwest Federation extends its sincere sympathy to Oliver Roskam in the death of his wife Betty Elizabeth on December 25th. Oliver and Betty were co-chairman of the Bulletin Editor's committee.

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Issue No. 113 - March 1971

A Note From Evelyn Hirsch

MIDWEST FEDERATION PROGRAMS

So far programming hasn't met with too much trouble. I do try to answer your letters the day I receive them. I would like at least a month's notice for a program. I know emergencies do arise and I'll try to help if I can, but please do not make a habit of calling at the last minute. At times the pony express is faster than our (space age) mail of today. I'm trying at present to allow twelve to fourteen days for one way. That allows you time to get it ready for your meeting as all slides need to be transferred to your slide holders as our slides are only shipped in boxes and are only mailers. Do not be surprised if in a return letter I ask you "What's to hunt in your area?" I intend to have a little fun along with this big job.

EARTH SCIENCE MARCH-APRIL ISSUE

Ellis Courter begins a two-part article "Man and the Sea" in the March-April issue. The article is illustrated by an unusual map of the North Atlantic ocean floor. "Strange Creatures Inhabited Ohio", host state of the MWF convention in 1971, back in the Permian period. Drawings by a staff member of the Cleveland Museum of Natural History recreate them.

From Betty J. Crawford

UNIFORM RULES

Exhibit registration blanks are being mailed to the clubs this month, so we want to take this opportunity to encourage competitive exhibits at the show in Mansfield on July 22-25.

Our efforts to find the reasons for the discontent with the Uniform Rules resulted in only one letter of criticism and suggestions, although several did write to ask for advice on exhibiting. Yet we get gripes via the grapevine; several bulletins have carried rather caustic comments about the rules and judging but offer no constructive suggestions for improvement. It leads us to believe we have more of a "people problem" than a "rules problem". The condemnation seems almost always to come from people who choose to blame their low scores on the rules or judging, with the result that they discourage others from competition.

The Uniform Rules are not difficult to understand for one who is willing to make the effort. The Exhibitor's Manual is designed to further explain the rules and offer helpful advice on exhibiting. Whether a display is competitive or non-competitive, the exhibitor has a responsibility to the public, himself, the hobby and the

-continued on page 2, column 1

1971 CONVENTION AND SHOW NEWS

The schedule of Federation activities and meetings for other special groups is taking shape. Some of the meetings will be at Kingwood Center, a 47 acre privately endowed cultural and gardening center, conveniently located to the Fairgrounds. Kingwood is a showplace in itself and will provide a pleasant setting. Children, as well as adults, will enjoy the wild-fowl pond and small zoo.

This year, instead of the Bulletin Editors Breakfast, an Editors Seminar is scheduled for 9:00 a.m. on Friday. A meeting of State Directors and assistants will be at 1:00 p.m. Friday at Kingwood and this is followed at 2:00 by the Executive Committee meeting. For those attending both morning and afternoon meetings, there is a good restaurant within walking distance of the Kingwood meeting hall.

The Council will meet Saturday with registration of delegates at 9:00 a.m. and the meeting at 9:30. Location of this meeting will be announced.

A micromount symposium is set for Thursday evening at Kingwood. On Friday evening there will be an Exhibiting seminar, which is an expansion of the usual judges-exhibitors meeting, in the program area at the Fairgrounds. Banquet will be Saturday evening at 6:30 p.m. Program speakers and other events are being scheduled and will be announced in coming months.

Registration forms, exhibit entry blanks, and accommodation lists will have been mailed to all clubs by the time you get this Newsletter. If they are not available at your club meeting in March ask your President. Additional blanks can be obtained by writing to the show chairman, B. F. Parr, 1488 Marion Avenue Road, Mansfield, Ohio 44906.

From Lee M. Kirby, Second Vice President

PARTICIPATION AND THE FEDERATION

At Minneapolis, Minn. in July of 1970, ninety-six of the two hundred and nineteen clubs that made up the Midwest Federation of Mineralogical and Geological Societies sent delegates to the annual Council meeting. The only apparent conclusion that can be drawn from the foregoing statement is that fifty-seven percent of the member clubs are not interested in what is happening in the Midwest Federation.

Why? Perhaps, and I sincerely hope this is the reason, those clubs have simply overlooked the fact that they are the Midwest Federation. Perhaps if these clubs would look at their membership in the Midwest Federation as comparable to the deposit of money in a savings account, they would be more prone to participate. Membership in any organization is basically a matter of participation. The more one participates in its functions, the more benefits one receives in return. The feeling of satisfaction in accomplishment is available only to those who willingly extend themselves to the point of doing.

The theme of the Midwest Federation for 1971 is "Education". It is my sincere hope that the member clubs of this Federation will take advantage of this theme in the coming year and "Learn by Doing"! Let us not sit back and let "George" do it for us.

uniform rules... from page 1, column 2

Federation to label everything accurately and make his presentation as attractive as possible. Granted, a good display takes a lot of time, effort and planning, but the satisfaction of a job well done is worth it. No one thing does more to improve the quality of displays than competition.

Educational displays are a good field for competition and the rules in this division are not as restrictive. The possibilities here are endless, and we hope some of you can come up with some good new ideas.

Please support the convention with one or more displays... preferably competitive. The 18 trophies available are listed in the Supplementary Rules included with the red Uniform Rules book. An added incentive this year is free admission to exhibitors.

The following exhibiting aids are available from Miss Dorothy Gleiser, 1066 Griffith Road, Lake Forest, Ill. 60045. AFMS Uniform Rules Book (second edition) 40¢; AFMS Approved Gem List (not for mineral labeling) 25¢ or both for 50¢. AFMS Exhibitor's Manual 40¢.

Roger Pabian, Lincoln, Nebraska

NEW EDUCATION CHAIRMAN

Have you seen the new book Record in Rock that describes and illustrates all the major invertebrate fossils found in the state of Nebraska? This excellent and sorely needed book is the product of much research and

MIDWEST PROGRAM SERVICE

now has 39 slide programs and four movie programs available to clubs for their use. The programs may be booked by writing to Mrs. Evelyn Hirsch, Route 1, Mitchell, Ind. 47446

16 Clubs Reach New Status

SCHOLARSHIP FOUNDATION

Through their generous gifts and contributions of Betty Crocker coupons 16 MWF clubs have attained new percentage status in the Scholarship Fund. Sincere appreciation is extended to all clubs for their support of the Foundation.

- 1300% Peru YMCA Rocks and Minerals Club
- 700% Lakeland Gem Club
- 600% Midwest Mineralogical and Lapidary Society Show-Me Rockhounds
- 500% Illowa Gem and Mineral Society
Waterford Gem and Mineral Society
- 400% Blue Ridge Gem and Mineral Society
Wildcat Geological Society
- 300% Cincinnati Mineral Society
Flint Gem and Mineral Club
Lake Shore Mineral and Lapidary Club
- 200% Badlands-Sandhills Earth Science Club
Central Michigan Lapidary and Mineral Soc.
Elkhart Mineral Society
- 100% East Central Wisconsin Rock and Mineral Club
Sycamore Valley Lapidary and Mineral Club

STAMP PROJECT CORRECTION

In the February Newsletter the address given to which cancelled stamps were to be sent was incorrect. Your stamps should be sent to The Stamp Project, Washington-Idaho Council of Churches, 2005 - 5th Avenue, #210, Seattle, Washington, 98121.

The stamp project needs all foreign stamps, all commemorative stamps except recent Christmas stamps, United Nations stamps, duck and Upland bird stamps, certified mail stamps, large and small airmail stamps and any unusual denomination stamps. Do not send peeled or torn stamps. Cut stamps from envelope with about 1/4" border around stamps. They do appreciate having the stamps sorted as to types if possible.

work by the new Education Chairman of MWF, Roger Pabian, Lincoln, Nebraska. He is extremely energetic, talented and has ideas of education that can apply to everyone in the Federation from fossils to lapidary. If you have any questions or need any help in planning your club's education programs, contact him at: Roger Pabian, 300 Sycamore Drive, Lincoln, Nebraska.

Help Wanted Ad

I know that the welfare and progress of the club depends on the participation of its members in committee work, programs, meetings, and its activities.

I realize that it would help the officers if I along with all the other members would offer some assistance in the operation of the club and its activities.

I will save a copy of answering the requests made in this bulletin.

EDITOR
CUMMINGS

Postages needed for 2000
Nov. 1950

Ishpeming Rock and Mineral Club

P.O. Box 102

Ishpeming, Michigan 49849

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

There are details yearly at the January meeting.

and will...
5.00
1.00
...will not exceed \$5.00.



for continuing...

(name, name of club, name)

Mr. & Mrs. C. Robert Markert

R. 1 Box 620

Ishpeming, Michigan

49849

Mr. & Mrs. C. Robert Markert
713 W. 1st St.
Ishpeming, Michigan 49849

NOTE: The club's action above can be included with your dues. Details will give the information to the president.