

9/70

THE



J A S P I L I T E

Affiliated with the Midwest Federation
of Mineralogical and Geological Societies

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

Published quarterly

OFFICERS 1970

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July 20-70

346-336

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

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

Initiation Fee	\$1.50
Husband and Wife	3.00
Adult	2.00
Juniors	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 bring and to show.
The materials we've found we'll trade for yours.

DON'T FORGET Betty Crocker Coupon for the Scholarship fund.

Commemoratively stamp for "Food For the Hungry!"

NEXT CLUB MEETING:

DATE: OCTOBER 18th.

PLACE: "MARQUETTE COMMUNITY CENTER"

Lets see all of you there. Come and bring a friend!

CONTENTS

From your president	Page 1
Minutes from Board meeting	2
Westward Ho! To Oregon	3
Diamond Imitations	6
Genstone Quiz	8
Rockin Round	9

"THE DREAM"

by Gerald Clark

A rockhound had a dream one night when everything was still,
 He dreamt that he was gathering rocks on a rough and stony hill.
 He said "These rocks are not much good I'm very much ~~afraid~~" -
 He looked again and then he saw that they had turned to jade,
 That some were black as night, and some were green and other white.

He saw then as he looked around, opal and turquoise on the ground.
 He said, "This stuff will ring the bell when I display on "show and tell".
 But then he turned and faced the west and saw a cliff of ~~amethyst~~!
 And slightly over to the right-atowering mound of malachite!
 With all these rocks within my reach, He said, "I'll just take one of
 each.

When he had loaded up his sack and hoisted it upon his back,
 "I think I'll head for home" he said - then woke to find himself in bed.
 His wife said "I should like to know what made you laugh & chortle so,
 And also why you tried to pack the spring and mattress on your back?"
 He said, "My dream was very nice -- I saw the rockhound's paradise!!
 from the Ozard Earth Science News

When things go wrong as they sometimes will,
 When the road you're trudging seems all up hill,
 When the funds are low and the debts are high
 When you want to smile but have to sigh,
 When care is pressing you down a bit,
 Rest if you must
But Don't you Quit.

by Roy Wright
via Niagara Ledger

September 22, 1970

Dear Fellow Club Members:

I imagine that all of you are just as busy as your Club Officers, trying to fit in a few more trips collecting from your favorite spots along with the swirl of activities that descend upon us as the fall season approaches. Please don't allow yourself to become so involved that you forget our first regular Club meeting on October 18th at the Marquette Community Center. We are looking forward to seeing all of your familiar faces at that meeting and hearing of your successes during the summer months.

I wish to take this opportunity to offer my personal thanks to all of those Club Members who were kind enough to take the time to lead us on the several successful field trips that the Club sponsored this past summer. We appreciate their generosity in sharing with us some of their favorite collecting areas. Although the attendance was not all that was expected, those who did attend reported very enjoyable and often thrilling experiences. Many excellent specimens were found and we enjoyed the companionship of our fellow members. It is only through this type of activity that we really become acquainted and learn from each other. I also wish to thank all of those who participated in the field trips as this made it possible for all of us to enjoy them.

I realize that there are many things that enter into making choices of activities to crowd into the altogether too short summer season which may account for the small attendance on some of the trips. However, I am certain that you will hear of many enjoyable and humorous accounts at our Club meetings all winter long plus seeing some of the results in the form of "bragging specimens."

My sincere congratulations to all of those who participated in the Upper Peninsula Gem and Mineral Show. Our Club certainly carried off their share of Championship and First Place honors. Special congratulations to those winners.

Your Officers have made every attempt to keep you informed of the events as they were about to transpire and we hope that the members were appreciative of these efforts.

We have a busy winter coming up with much planning for the not too distant future. We need your assistance, counsel and moral support; so, please be present at all meetings to lend a helping hand.

One more important item: don't forget to offer a friend the opportunity to join with us and become a member of an active Rock and Mineral Club. We are going to need all the aid and assistance that we can get.

Your president,

Laurence W. Sain (Larry)

Ishpeming Rock and Mineral Club Board Meeting

Sept. 2, 1970

Home of Mr. & Mrs. Ray Anderson

Members present - Doris Hughes, Vern Miljour, Pat Elie, A. Nelson
 Mr. & Mrs. Ray Anderson, Mr. & Mrs. L. Sain, Mr. & Mrs. Elmer Jarvi.
 resident Laurence Sain opened the meeting. Minutes were read by
 Sec. Pat Elie.

Treasury Doris Hughes reported a balance of \$576.01 and \$367.88 in
 Detroit and Northern Saving account. She had paid box rent and bought
 envelopes. Ray Anderson moved the report to be accepted. The motion
 was seconded by Arnie Nelson. Carried.

Communication -- The President and Sec. had several letters regarding
 coming events and the material will be available at the regular
 meeting. President will answer a letter regarding formation of
 State Rock and Mineral Club. He also received word from Mid West
 Federation saying the Ishpeming Rock and Mineral Club had won an
 award. The Secretary had a notice from Mich. Dept. of Treas. the
 annual report and \$10.00 fee is due.

Ray Anderson made a motion to pay all bills - seconded by Marie Jarvi:
 Carried.

Old Business -- Mr. Bemus and Mr. Miljour led a field trip for the Bay
 De Noc Club. President suggested anyone doing these things should
 give the information to the Secretary to be included in the records,
 so our club may get credit.

Field Trips-- Sept. 12 & 13 Newberry area. Led by Mr. Nelson.
 Meeting place Sept. 12, at Fall Motel Newberry. Time 9:30 A.M.

Door prizes for Oct. - Pat Elie. Next regular meeting Oct. 18 at
MARQUETTE COMMUNITY BUILDING on Borega St.

Program for next meeting will be on Lake Superior Agates, especially
 those found in Moose Lake area. Motion by Doris Hughes with support
 from Elmer Jarvi that cost of Jaspilite be 50 cents. Carried.

Mrs. Sain read copy of letter sent to Mich. Dept. of Treas. regarding
 our status as non-profit corporation.

Mr. Jarvi suggested basic collection for donations to area
 schools. It is something to think about.

Next board meeting Oct. 2, at the Miljour home in Grinn.

Respectfully submitted

Pat Elie -- Sec.

WESTWARD HO, TO OREGON

By Marlene Brunnagraeber

No one can deny Michigan its many cool waters and rich minerals, but Oregon, too, must have been created for nature lovers and rock-hounds. Our sixty-day jaunt to the Western shores made us realize that America is indeed beautiful and abounding with fantastic land formations.

We left Marquette June 16th and camped that night along the Mississippi River at St. Cloud, Minnesota. The next day we toured the Pipestone National Monument in Southeastern Minnesota, continuing Westward to South Dakota the following day.

Camping at Wall, we toured the Badlands in both the early morning and late afternoon hours. It was as though we were seeing the formations for the first time. One day was spent south of Interior, rock hunting and we were not disappointed with the finds of blue chalcedony prairie agate and Fairburn agate. Next, we camped in the Black Hills at Spearfish, and again we were pleased with the quartz we found there.

Our stay at Cody Wyoming was a "first". The heat was stifling, but we enjoyed the air-conditioned Buffalo Bill Museum and Whitney Art

Gallery. Those two buildings are housed in one center and a "must" for the Western traveler.

Beyond Yellowstone National Park, all was new to our family. We spent two days at Craters of the Moon in Idaho, arriving during a heavy fog and light drizzle. In that setting, the area was an eerie thing to behold -- like some weird concoction of a TV script writer. The next day's sunshine tour of the seven-mile loop, and numerous side trips, proved very interesting. We saw lava bombs, AA lava (pronounced "ah-ah" and gorgeous pahoehoa lava beds. Our climbs into the caves and tunnels were sometimes steep but always fascinating. The array of color to be seen was amazing and the many little animals living there were even more amazing. We could sit at our campsite and watch them running and playing throughout the formations.

Continuing our westward push, our next stop was at Juntura, Oregon. The heat was blinding and the hills seemed endless as we crossed the desert and prairies. The gas gauge nearing the danger point and spirits somewhat dampened, we finally scaled a hill to find "Frosty's Oasis." Frosty was indeed Number One in our book that night. Not only did he have trailer spaces and supplies but also a driveway and garden bordered by agates and petrified wood from the surrounding hills.

In our effort to beat-the-heat; we left Juntura headed for Prineville, at 4:00 A.M. As we drove into Prineville, we were startled to see a banner over the main street which read, "Welcome Rockhounds." The Central Oregon Rockhound Pow-Wow was being held in Prineville for the entire duration of our planned stay. Luckily, we had phoned

cont.----

Westward Ho! To Oregon!"

ahead for reservation at a camp eight miles east of town. It was a lovely shaded camp on the Ochoco Lake and crowded with rockhounds. We spotted a Michigan license plate and soon found good friends in Jeanita and John Musser from Flint. Shortly we were greeted by two of the nicest people in Oregon -- Cora and Everett Wearin, (Mr. and Mrs. Rockhound). Through their patience and generosity of this fine couple, we learned a great deal about Oregon's rocks. One day, they took the Mussters and the Brumgrubers to the Sheep Creek diggings. That was an agate paradise, if we ever saw one! We climbed a six hundred foot hill (straight up!) to reach the diggings and they were there for our taking. The white agate, containing orange and white plumes, was beautiful. Some of the agate was opaque white with black and red dendrites, while still other parts were a translucent blue with dendrites and plume. About ten large (three to five feet in diameter) boulders were exposed with more protruding from the hillside. If the hill seemed steep going up, it was tremendous on the downward haul. Old Surefoot (?) Harlene was something to see as she crawled down that hill lugging some thirty pounds of agate. (Glenn was carting more, but seemed to find the hill less treacherous.) That was a day to remember: tired, hot, and dirty, but very satisfied, we hauled our finds back to camp.

Another highlight of our stay was the Pow-Wow at the Prineville Fairgrounds. There was fun for the whole family. People had come from all over Oregon and California to buy, sell, and swap their finds. One of the most interesting exhibitors there was "The Geode Kid" who had geodes and thundereggs to give away. When he put one pile "un-for-gots" on the last day, our family was right in there grabbing. Some of our prize purchases were Mexican Fire Agate (not a gemstone,) lime casts, petrified redwood, Holly Blue and pounds of beautiful carnelian. Being new to this rockhound business we left Michigan with our basement full of good stopping rocks. You can bet that won't happen again!!!

We were fascinated by the jasper in Oregon. From pinks to reds to greens to yellows to browns - all were magnificent. One of our favorites is the Biggs Jasper which I found in the canyon bottom between Biggs and Wasco. It is shades of black, beige, and brown forming floral (often rose-like) patterns. The finished cans are beautiful and take a high polish.

We collected quite a number of Willey Vio and Lucky Strike Thundereggs -- through the generosity of Oregonians -- because a storm in the hills prevented our digging there.

We left Prineville, after six action-packed days, with many fond memories of new friends and long evening chats.

Throughout our traveling, we continued to stop at newly graveled waysides. While Mother made coffee or lunch, Dad and the girls hunted through the gravel banks. Some very nice white chalcedony

cont.--

Westward Ho! To Oregon

and a little agate or jasper could always be found there. Sometimes, we'd find a chunk of petrified wood.

Next we camped at Diamond Lake, by Crater Lake in Oregon. That must truly be the bluest, clearest lake in the world. We circled the lake and snow was all about, but the sun was hot. The girls had fun cardboard-sliding down the snowy hill. One of our side trips was to the Pinnacles. They were mammoth rock structures rising out of a canyon like giant basalt or clay steeples.

Leaving the Crater Lake area, we drove into California through the redwood highway. The drive was beautiful and of course, the trees were enormous. We camped at Smith River, California and there our beachcombing began and continued almost the length of the Oregon coast. We were fascinated by the ocean and its deposited treasures. Some rare finds included complete sand dollars and petrified myrtle wood. The ocean carnelian, banded and iris agate were plentiful, but small in size. Our best finds were from Whitley Run on Seven Devils' Road near Bandon. The girls collected piles of pretty shells (rock crab, durginess crab clam, hermit crab, snail, etc.) while we combed the rock traps for agate and wood.

Yes, from the hot prairies to the ocean bays to the mountains, we had "a ball" in Oregon. And if the trailer rode a little low, and we walked a little stooped and lopsided, who cared? We heartily recommend Oregon to all rock hounds, rock puppies, nature lovers and just plain adventurous spirit.

Hint: A few tablespoons of Oxalic Acid in your last tumbling polish will give your stone extra luster. (the Rock Slide)

DID YOU KNOW? Oolites are small rounded particles or grains so named because they look like fish eggs. They are commonly formed by the deposition of layers of material, usually calcite, around some tiny particle like a sand grain or fossil fragment. When the grains formed by layered deposition are more than 2 millimeters in diameter they are called pisolites. via The Lapidary

"TENSION"

by Goldie Watkins

The busy life we lead today, is often very taxing.
With much concern our doctors say we have to start relaxing.
So, if I seem to loaf a lot, don't look with apprehension.
I may seem lazy, but I'm not---I'm just avoiding tension.....

via The Pebble Pusher

DIAMOND IMITATIONS

Part 1

by - Charles J. Billmeier

As a consumer, you are doubtlessly unaware of the many kinds of diamond imitations now available. These three articles are to acquaint you with the differences among them as well as the differences between imitations and diamonds.

Since World War II, the trade has witnessed the development of various new stones with diamond pretensions.

In 1948, synthetic rutile was accidentally discovered during the search for a better whitener for paint, and other products than lead oxide, rutile is a single crystal form of titanium oxide. Synthetic rutile has a fuzzy brilliance, is dull and always has a yellowish tinge. With its enormous dispersion and refractive index, it has been offered to the public under a great many different names.

In 1953 another titanium compound, strontium titanate, was introduced. This substance, unknown in nature, had the advantage of being more nearly colorless, singly refractive and of a much more believable dispersion. Almost immediately it superseded synthetic rutile and had been offered to the public under various trade names. This newer material, like synthetic rutile, suffers from a lack of hardness and does not take a really fine polish. In addition it is so difficult to work that many of these stones are not cut with full diamond faceting although most advertising would have one believe they are. With twice the dispersion of a diamond strontium titanate shows so much fire that it is easily distinguishable from a diamond.

Part II

Various attempts to improve the wearability of both Rutile and Strontium Titanate have been made. "Sapphirized rutile" supposedly had a thin coating of sapphire over the stone, but it was not effective. Doublets of either synthetic spinel or sapphire crowns over a pavilion of synthetic rutile and more recently of strontium titanate, have been introduced. However, both titanium compounds besides being soft, are brittle. It is rare to see a cut stone without evidence of shock damage -- one of the factors that mitigated against the acceptance of white zircons as diamond imitations.

Synthetic white sapphire and synthetic white spinel have also made their appearance as diamond imitations but their lack of fire and brilliance give them only superficial resemblance to a diamond. Other materials, although lacking in brilliance and fire and which might confuse the layman, include colorless beryl, quartz, topaz, glass and various foilbacks such as rhinestone. Immersion in water will cause the spinel to lose brilliance, whereas diamond will remain bright.

cont.---

Diamond Imitations --

Recently a new substance was developed which is known as synthetic yttrium aluminum garnet but this has a relatively low refractive index and does not appear as brilliant from all angles, even with the most accurate cutting and polishing possible. This material known as YAG, though somewhat brittle, is harder than any other imitation except synthetic sapphire. When immersed in mineral oil, this stone becomes transparent, while a diamond still shows its characteristic brilliance, although somewhat diminished. As with other diamond imitations it usually does not have as fine a polish as a diamond nor is it usually faceted with the precision that gives a diamond its special "twinkle."

Part III

While any colorless material may be regarded as a possible diamond imitation there are many important gemological differences between diamond imitations and diamonds:

- 1) Hardness -- Even synthetic sapphire, the hardest diamond imitation, is infinitely softer than a diamond. Strontium titanate, the material most used for diamond imitations, has a hardness of only 5, which means it can be scratched by ordinary kitchen cleanser. Thus, the wearability of most diamond imitations is limited.
- 2) Cutting, Faceting, and Polishing -- Because of their relative softness, and the economic factors involved, diamond imitations are not cut, faceted or polished with the fine precision of a diamond.
- 3) Fire and Brilliance -- While the titanium compounds have a higher dispersion factor than diamond which makes them instantly recognizable as imitations they can lose their original luster after a period of wear.
- 4) Specific Gravity -- Because of the difference in specific gravity between the most popular imitations of diamond the advertised prices per carat of the imitations can be misleading to anyone contemplating an imitation to match a specific diamond. For instance, if a customer owns a 3.50 carat diamond and wishes a comparable size strontium titanate she will have to purchase one weighing in excess of 5.00 carats.
- 5) Values -- Diamond imitations do not have lasting values because they do not have the precious and enduring qualities of a diamond. Therefore the diamond, the King of Gems, remains unchallenged as the universal symbol of love, romance and beauty.

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 BILLMEIER JEWELRY STORE, Siginay.

Submitted by -- Irene Lutes

GEMSTONE QUIZ

by Evelyn Jarvi

Many gemstones have popular names in addition to their mineralogical names. For example, rockhounds often refer to chlorastrolite as Lake Superior greenstone. Below is a list of some common (and some not so common) usages for stones in the gemstone family. See how many of these you can identify with a mineralogical term or scientific description. This quiz may test your imagination as well as your memory!

- | | |
|--------------------|-------------------------------------|
| 1. Fabulite | 12. Rubellite |
| 2. Oriental topaz | 13. Scientific emerald |
| 3. Rubicelle | 14. South African or Transvaal jade |
| 4. Cairngorm stone | 15. Herkimer diamond |
| 5. Matura diamond | 16. Peridot |
| 6. Venus hairstone | 17. Moonstone |
| 7. Mexican onyx | 18. Uralian emerald |
| 8. Swiss lapis | 19. Spanish topaz |
| 9. Cape ruby | 20. Balas ruby |
| 10. Cat's eye | 21. Starlite |
| 11. Tiger's eye | 22. Oriental aquamarine |

See how your answers compare with mine.

Reference: *Gems and Gem Materials*, Edward Henry Kraus and Chester Baker Slawson. (New York, 1947)

Answer:

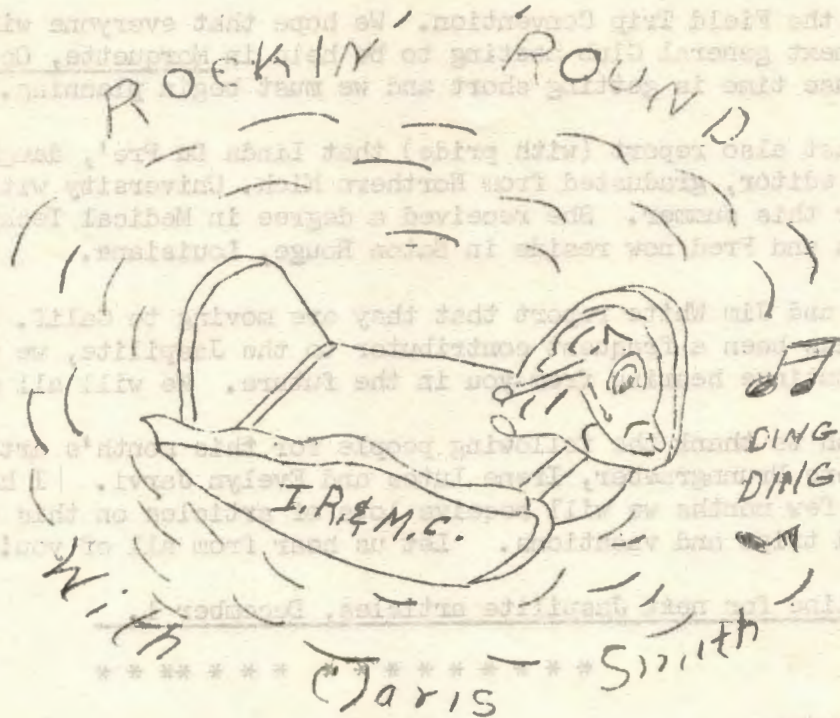
- | | |
|--|---|
| 1. Strantium titanate (synthetic) | 12. Pink tourmoline |
| 2. Yellow Sapphire (corundum) | 13. Synthetic green corundum or
green lead glass |
| 3. Red or orange spinel | 14. Green garnet (variety grossularite) |
| 4. Smoky quartz | 15. Quartz |
| 5. Zircon (heat treated for
color-less or blue) | 16. Olivine |
| 6. Rutilated quartz | 17. Orthoclase feldspar (Opalescent) |
| 7. Translucent, banded calcite | 18. Green garnet (variety androdite) |
| 8. Quartz (artificial blue
coloring) | 19. Heat treated yellow quartz
(citrine) |
| 9. Red garnet (variety pyrope) | 20. Red spinel |
| 10. Chatoyant quartz or
chrysoberyl | 21. Heat treated blue zircon |
| 11. Quartz pseudomorph with
fibrous asbestos structure. | 22. Blue or green corundum. |

via Crystal Cluster . . .

You can't reduce by talking about it: you have to keep your mouth shut.

An open foe may prove a curse; but a pretended friend is worse.

Nothing is really work unless you would rather be doing something else.



I know you have been wondering what happened to the Jaspilite this month, or haven't you missed it? It's late and I apologize. This summer has been much too short and very busy for us. We have also been out of touch with the membership so this column will be short.

We wish to express our congratulations to Glenn Gregg upon his retirement after 29 years with the Michigan Department of Natural Resources. Glenn is recognized throughout the country as an authority on parks and out door recreation. Before joining the D.N.R he was with the National Park Service. Again, congratulations Glenn, maybe we'll see you more often now.

Past President of the I.R. & M.C., Lucian Hunt was honored at a dinner by the Grand Chapter of Mich., Order of the Eastern Star. He also is a member of the Free and Accepted Masons, Royal Arch Masons, Lake Superior Commandery of Knights of Templar, the Francis Moore Consistory and Ahmed Temple Shrine, and is knight of the York Cross of Honor.

Congratulations are also in order for President Laurence Sain who was a candidate for Ph.D. curriculum, at the spring commencement excercises in June at Mich. State University.

We understand that Anne Kivela, daughter of Jarl and Ruth Kivela is engaged to Michael Rzanca of Munising and will be married in the near future. Best Wishes from the Ishpeming Rock and Mineral Club.

Bob Markert, chairman for the Midwest Field Trip Convention to be hosted by our club in 1972, informs us that it has been decided that there will be an Upper Peninsula Gem and Mineral Show in conjunction

with the Field Trip Convention. We hope that everyone will come to the next general Club meeting to be held in Marquette, Oct. 18, because time is getting short and we must begin planning.

We must also report (with pride) that Linda Du Pre', daughter of your editor, graduated from Northern Mich. University with High Honor this summer. She received a degree in Medical Technology. Linda and Fred now reside in Baton Rouge, Louisiana.

Fern and Jim White report that they are moving to Calif. in October. Jim has been a frequent contributor to the Jaspilite, we do hope that we continue hearing from you in the future. We will all miss you!

I wish to thank the following people for this month's articles; Marlene Brunngraeber, Irene Lutes and Evelyn Jarvi. I hope in the next few months we will receive lots of articles on this summers field trips and vacations. Let us hear from all of you!

Deadline for next Jaspilite articles, December 1.

SHOP TIPS

To obtain a smoother cut as successive slabs are cut from one piece of rough, try tightening the clamp on the vise after every few cuts.

Faceters: Don't let the polishing agent build up ahead of the facet. This may indicate that you used too much polishing material or too much pressure, or both.

WASH A WAY, a product of Sherwin-Williams Paint Co., is used to dissolve epoxy.
Mich. Gem News
via Exchangite

These Rocks and Stones

In the far-away hills of this good land-and in a mountain stream bed's sifting sand,

In the prairies reach and the canyon floor, In the path that leads to a cabin door,

These rocks and stones...we found them there-and send them along for you to share.

If stones could speak they would surely tell A tale of this earth on which they dwell.

How they were spawned in a great volcano's rush, And how they withstood the glacier's crush.

How they watched the growth of God's great plan From primitive brute to modern man.

And looked at men with pity and shame, As with wars and greed man mocked God's name.

These rocks knew us when we lived in caves, They have felt the touch of Indian braves.

A rock is so common, but can't we see-That rocks are akin to eternity.

Midwest Federation's NEWSLETTER



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Minneapolis, Minn. July 23-26

Convention Report

The Midwest Federation's thirtieth annual convention in Minneapolis had something for everybody, and everybody found plenty to enjoy. The weather was wonderful... cool, bright and breezy; the hosts of the Minnesota Mineral Club were warm, hospitable and thoughtful; the special displays gathered by Mrs. Anderson were magnificent, and the convention hall had plenty of air-conditioned room for all convention activities. As befits a thirtieth anniversary, it was a grownup convention in every sense.

Plenty of business was accomplished by the hard-working delegates and officers with 112 voting at the council session. They elected Jay Wollin of Morton Grove, Ill., president; Bernard Parr of Mansfield, O., first vice-president; Lee Kirby of Drayton Plains, Mich., second vice-president; re-elected Jean Reynolds of Clarendon Hills, Ill., secretary, and S. N. (Sy) Hagenson of Aberdeen, S.D. treasurer.

One of the highlights was the attendance for four days of Leslie Darling, president of the American Federation of Mineralogical societies. He spoke at the council session, conferred with officers on boundary problems, and presented the AFMS merit award trophies, with the help of Mrs. Gail Alexander, Midwest federation education chairman, at the banquet. Darling and Mrs. Darling are attending all six federation conventions this year to promote understanding and to enhance the image of the AFMS.

The delegates chose Cincinnati, O., over Minocqua, Wis., for the 1973 convention by a close vote after a detailed discussion of the merits of the applications. Cincinnati won primarily because its plans and facilities seem-

ROCKRAMA

One Rockrama remains on the Federation's 1970 program. Oregon, Illinois on September 11-12-13, Coliseum building. Host society is the Blackhawk Rock Club of Rockford, Ill. Those who wish to exhibit should communicate with Everett Allen, 3212 Hanover st., Rockford, Ill.

ed more advanced and more suitable for a big show.

The state directors reported the addition of a number of new clubs to the federation's ranks, making the present total 220 with 15,890 members, a gain of 1,037. Several reported that the word "rock" has acquired an unfavorable flavor through association with unruly musical affairs and in a few instance has caused confusion between the stone seekers and the stone-age long hairs.

One of the high lights of the four days was the first federation symposium on micromounting conducted by Melvin Moyer of Brookings, S.D. Mel gathered together more than two score of enthusiasts who spent the afternoon listening to Paul Desautels of the Smithsonian Institution talk about the subject dear to their hearts, peering through each other's microscopes and swapping locations and specimens. Micromounting seems off to a good start in the midwest, and attendance of a hundred is hoped for at the Mansfield symposium next year.

Rules were discussed, especially when it was evident that confusion and discouragement about the rules had limited competitive displays to 42. Mrs. Betty Crawford, rules chairman, told the delegates that the new rules books would be distributed as soon as an errata sheet is ready. A

-please turn to page 2

convention report... from page 1

rules and judging post mortem symposium was also conducted.

What exhibits there were were excellent. Trophies were distributed at the banquet Saturday night when Jay Wollin made a double appearance as president-elect and as the speaker about his collecting adventures in Europe. A list of the trophy winners appears elsewhere in this issue. More than 300 attended the banquet, including Dr. Eugene Richardson of the Field Museum of Natural History in Chicago, who was made an honorary federation member.

Oliver and Betty Roskam of Kansas City took over as heads of the federation's bulletin committee in succession to the retiring Con Peterzen. As editors of the Kansas City club's bulletin, they have acquainted themselves with the problems of editors. Club editors should mail their bulletins to the Roskams at 3506 N.W. 63rd st., Kansas City, Mo. 64151.

Under the new nominating system, Verne Montgomery, Ed Hix, Roy Meyenberg, Leon Maxwell, Elsie Popejoy and Al Zeitner were elected to the nominating committee. Two members will serve three years, two for two years and two for one year, so that two will be elected annually.

All in all, the federation owes a deep debt of gratitude to the Minnesota Mineral club for helping the federation celebrate its anniversary in such a happy fashion.

AFMS PUBLICATIONS CONTEST WINNERS

-reported by June Zeitner

Russell Kemp, Editor of the Lizzadro Quarterly, past president of AFMS Scholarship Foundation and a past president of the MWF was judge of the AFMS Publications contest. Awards were made at the AFMS convention at Fort Worth, Tex. The best 10 bulletins of each regional contest were entered in the national contest, plus all the small bulletins we could get, and all the publications of the Regional Federations on a Federation level.

The winners were:

1. The Prospector, Muskegon Co. Rock and Mineral Society, Nancy Schulze, Editor.
2. Aurora Borealis, Northland Rock and Mineral Club, Bill La Bounty, Editor.
3. The Conglomerate, Michigan Mineralogical Society, Ellis Courter, Editor.

Best Small Bulletin, Pick and Wheel, Westchester Mineral and Gem Society, Jerrine Anthony, Editor.

Best Federation Coverage, Stones and Groans, San Antonio Rocks and Lapidary Society, Marion Sunvison, Editor.

Best Regional Publication, Northwest Newsletter, Pat Crow, Editor.

MANY CITIES

are the scenes all summer of arts and crafts fairs, in which many exhibitors sell jewelry or mineral and fossil specimens. These exhibitors are often asked where more information may be obtained about lapidary work and specimen collecting. Federation clubs may wish to print up cards to be distributed to such persons by fair exhibitors listing the addresses and membership chairman of the clubs and inviting the interested person to attend a meeting.

AFMS OFFICERS

The following officers were elected at the Fort Worth convention of the American Federation of Mineralogical Societies to serve beginning November 1, 1970 through October 31, 1970.

President: Paul Seel of the Eastern Federation.

Vice President: Ed Immel of the Texas Federation.

Treasurer: Mrs. Walter Steinbrenner of the Midwest Federation.

Secretary: Dorothy Lee of the Northwest Federation.

Senior Regional Vice President: Mary Anderson of the Rocky Mountain Federation.

Junior Regional Vice President: Gus Meister of the California Federation.

NEW MAGAZINES

Several inquiries have been received regarding two new magazines that have appeared on the hobbyists' horizon. One of these is the Mineral Digest, whose first number has just been mailed, and the Mineralogical Record, which reached subscribers a few weeks earlier.

The Mineral Digest, described as a journal of mineralogy, is one of the most magnificent pieces of color printing ever offered. A thick issue of 96 pages, it contains articles by such widely known writers as John Sinkankas on Mexican minerals, Frederick Pough on the minerals of Brazil, Paul Desautels on gemstones, and an article by the editor, Louis Zara. Printed in Germany with color on almost every page, it is a quarterly costing \$12 a year, and is published at P.O. Box 351, Murray Hill Station, New York, N.Y. 10016

The Mineralogical Record limits its color to the cover, but it strikes a more professional note with articles by Prof. Clifford Frondel of Harvard on New England collections, twin quartz crystals by Richard Bideaux, and a very technical article on a Chilean mineral, as well as departments on micromounting by Neal Yedlin and by Paul Seel, new president of the AFMS. Its editor is John S. White Jr. of the Smithsonian Institution. It is published bimonthly at P.O. Box 783, Bowie, Md. for \$6 a year.

AMERICAN FEDERATION CONVENTION

The combined conventions of the Texas Federation Mineralogical Societies and the American Federation Mineralogical Societies was held in the huge convention center in Ft. Worth on June 17 to June 21. It was a big convention, with 82 dealers spread over nearly two square blocks of floor space, and about eight rows of special and competitive exhibits.

Ft. Worth is hot in June, not as hot as some convention cities but able to hold its own in this respect. But the motels and convention center were air conditioned, and those who attended the convention suffered only when they made the transition from comfort to the street.

Midwest Federation members who took part included Mrs. June Zeitner, who presided when bulletin awards were given at the editors' breakfast on Saturday, and also gave daily lecture programs; Russ and Doris Kemp, who were heard every day with programs, and Ellis Courter, who gave his Grand Canyon talk. Russ Kemp was the bulletin judge this year.

At the rules committee meeting, where Terry Heuzing represented the Midwest federation, minor changes were made in several rules and decision was made to test various plans for judging variety of minerals. It was also recommended, and later affirmed by the federation board of directors to retain the rules as they stand for an indefinite period, subject only to such yearly changes become necessary. In other actions, William Bode of the Midwest federation's Milwaukee society was made director of supplies for the American federation and June Lang of the California federation was named editor of the federation's bulletin. Mrs. Walter Steinbrenner of Des Moines, the Midwest federation's representative among the executive officers, was advanced to treasurer and is in line to become president for 1973. Russell MacFall and Jay Wollin represented the Midwest federation as delegates.

MERIT AWARDS

Trophies and certificates for winners of the American Federation Merit Awards and the Midwest Federation Merit Awards were presented at the Midwest Federation banquet July 25 at the convention in Minneapolis. Similar rules were used for judging both regional and national winners.

Five clubs of the Midwest Federation were selected to receive the All-American awards. This award was judged on the merits of the clubs' projects and activities within community, state, and Federation.

The winners are:

- Dallas County Rock Club of Adel, Iowa for its wide range of activities in the community and state.
- Ozark Earth Science Club of Mountain Home, Ark. for the wide variety of services given to the club, juniors, schools, and other groups.

EARTH SCIENCE MAGAZINE

In the September-October issue of Earth Science Anthony Gricius of International Minerals and Chemical Corporation, and a member of Chicago Rocks and Minerals Society, describes some rare twinned quartz crystals which he discovered in a geode... Application of lapidary art to unusual subjects is outlined in two articles, one by Harry Peterson of the Earth Science Club of Northern Illinois, who creates Tully Monsters in sterling silver, and one by George Fitzgerald of the Lapidary and Mineral Club of Madison, Wis., who uses algae as his models... The famous Gilmore City, Ia., crinoids are pictured and identified by Russell Jacobson... Photographs and a story about the year-old Funk Museum by Russell MacFall... and more.

St. Louis Mineral and Gem Society of St. Louis, Mo. for work with the blind and cerebral palsy victims in special schools.

Wabash Valley Gem and Mineral Society of Lafayette, Ind. for exceptional contributions to the Purdue University Geological Department, the 4-H, and the schools.

West River Earth Science Society of Murdo, for its part in readying Murdo and South Dakota for the 1969 Field Trip convention and activities with the public schools, the School for Retarded Children, the 4-H, and the national grasslands project.

Each club that sent in an application for the awards received a Certificate of Participation.

The purpose of the awards is to recognize clubs doing outstanding service, to encourage clubs and club members to accept the challenge of this kind of service, and to find out what clubs are doing.

The Midwest Federation awards were won by the following clubs:

1. Bloomington Mineral Club of Bloomington, Minn. especially for extensive projects into the community.
2. Dallas County Rock Club of Adel, Iowa for its wide range of activities.
3. Indian Mounds Rock and Mineral Club of Wyoming, Mich. for work with schools and handicapped children.
4. Ishpeming Rock and Mineral Club of Ishpeming, Mich. for varied participation in services to schools and its university.
5. Lawrence County Rock Club of Bedford, Ind., especially for public relations work.
6. Lincoln Gem and Mineral Club of Lincoln, Neb. for participation in community projects.
7. Michiana Rock and Gem Club of South Bend, Ind. for participation in Head-Start and public school programs and a series of classes at Notre Dame University.
8. Ozark Earth Science Club of Mountain Home, Ark.

for the wide variety of services given to the club, juniors, schools, and other clubs.

9. Racine Geological Society of Racine, Wis. for contributions of time and material to schools, Scouts, and handicapped children.

10. St. Louis Mineral and Gem Society of St. Louis, Mo. especially for work with the blind and cerebral-palsy victims in special schools.

11. Wabash Valley Gem and Mineral Society of Lafayette, Ind. for exceptional contributions to Purdue University Geological Department, the 4-H and schools.

12. West River Earth Science Society of Murdo, S. D. for its part in readying Murdo and South Dakota for the 1969 Field Trip Convention and activities with the public schools, the School for Retarded Children, the 4-H, and the national grasslands project.

Twenty-nine clubs sent in their applications for these awards. Was yours sent in? Nine months have passed of the year 1970. Have you decided how and what you can put in your 1971 application? - Gail Alexander, Education Chm.

EXHIBIT TROPHY WINNERS

There were 43 competitive exhibits at the Midwest Federation show, representing three entered by clubs and 34 entered by individuals. 26 clubs were represented in the exhibits. 20 first place ribbons were awarded, 13 second place ribbons and four third place ribbons.

18 trophies were available of which eight were awarded as follows:

Minerals -

1. Minerals - Wm. F. Loman, Cincinnati, O.

2. Not awarded

3. Thumbnails - Mineral - Donald K. Olson, Milwaukee, Wis.

4. Not awarded

5. Not awarded

6. Lapidary - Hazel and Peter Feilen, Dearborn, Mich.

7. Lapidary Cabochons - Hugh Spletstoesser, Milwaukee, Wis.

8. Specialized Lapidary - Elmer Schmidt, Aurora, Ill.

9. Facet Gem Stones - Victor Wendler, Oxford, Mich.

10. Not awarded

11. Fossils - Janice Root, Dearborn, Mich.

12. Not awarded

13. Jewelry and Metal Craft - Richard J. Lyons, Burbank, O.

14. Education - Mr. and Mrs. Fred A. Bemke, Milwaukee, Wis.

15. Society - Bloomington Mineral Club, Bloomington, Minn.

-Reported by Betty Crawford, Rules Chm.

MINUTES

of the Minneapolis meetings will be mailed to all clubs within a few weeks.

SCHOLARSHIP FOUNDATION AWARDS

-reported by W. H. de Neui

Your Scholarship Foundation, this year, has awarded grants to five students, selected by Dr. Carey Cronis, Chancellor of Rice University, Houston, Texas.

The five are:

1. Steven Arthur McLean, Odessa, Texas, Rice University.

2. Austin Albert Sartin, Jr., LaFayette, La., Southern Methodist University.

3. Karl W. Kaufman, Tenafly, N.J., University of Chicago.

4. David William Anderson, Salt Lake City, Utah, University of Utah.

5. Louie Nick Marencovich, Los Angeles, Calif., University of Southern California.

WELCOME NEW CLUBS

The Indianhead Gem and Mineral Club
Chippewa Falls, Wisconsin

The Pine County Gem Society
Hinckley, Minnesota

The Richfield Rock and Mineral Club
Burnsville, Minnesota

The Sandstone Gem and Mineral Society
Sandstone, Minnesota

Museum Rock and Mineral Club of Oshkosh
Oshkosh, Wisconsin

Worthen Earth Searchers of Hancock County, Inc.
Carthage, Illinois

Cateau Des Plaines Gem and Mineral Society
Watertown, South Dakota

Carlton County Gem and Mineral Club
Cloquet, Minnesota

Daviess County Rockhound and Artifacts Club, Inc.
Washington, Indiana

WELCOME NEW INDIVIDUAL MEMBERS

Mr. and Mrs. Harry A. Longacre
Pontiac, Michigan

Mr. and Mrs. Kenneth L. Rogers
Boscobel, Wisconsin

Mr. Clark C. Schultz
Big Rapids, Michigan

Miss Martha Peterson
Minneapolis, Minnesota

Mr. Richard S. Rock
Wilmingon, Illinois

Midwest Federation's NEWSLETTER



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UNIFORM RULES

By Betty Crawford, Chairman

When we express concern that there ought to be more competitive exhibits at our MWF Conventions, some of the non-exhibiting members complain that people are discouraged from competition because the rules are too strict or too difficult to understand, or that judging is too critical. Yet they do not offer concrete suggestions for improving the rules.

The person who exhibits competitively is the first to admit that competition improves his display. The rules set forth the "standard of excellence" for which he is striving. Contrary to one remark which I read recently, the judges do not "jump with glee when an error is found;" They are attempting to help the exhibitor by pointing out his mistakes and telling him what to do to make a more attractive, interesting and educational exhibit.

This year we are going to run a regular column on Uniform Rules in the Newsletter. Those of you who have questions or complaints about the rules should write to me, and someone from the Rules Committee or a judge will attempt to answer the more pertinent ones in this column. To start things rolling, I would like to comment on an item read in a club bulletin recently.

The author said, "One must use a 'standard' case for display even though he may have developed a superior case with better viewing, brighter lighting, reduced heat and considerably more attractiveness." Where does this misunderstanding come from? There is no standard case. The rules state simply that your exhibit space is "not to exceed 12 square feet in floor space and 36 inches in height (inside measurement). The use of shelves, back or ends of the case is optional to the exhibitor." That wording shouldn't be hard to understand. The exhibitor must use his good judgement as to what kind of case is going to show off his display to best advantage. The arrangement of any shelves, selection of color for the lining, placement of lights, etc. are all matters for the exhibitor to decide. Whether he does a good job or a bad one will be reflected in his score for showmanship.

Someone will now say, "But I'm exhibiting the minerals -- not the case." This is true, but even the best minerals in the show will lose interest and not attract the public's attention if they are not displayed attractively.

Gaudy colors and textures, messy lining jobs and crowding all detract from the specimens themselves; and if they are not lighted properly, people aren't going to see their beauty. A good exhibitor knows the value of showmanship and spends lots of time getting everything "just right." This is equally true for jewelry, fossils and all types of displays. After all, merchants hire window decorators because they realize attractive window displays help sell merchandise.

EXECUTIVE COMMITTEE MEETING PLANNED FOR NOVEMBER

The first Executive Committee meeting of the new year will be held in Evansville, Indiana on Saturday, November 7. President-Elect Jay Wollin announced that the meeting would be held in conjunction with the Evansville Lapidary Society show in the Washington Square Shopping Center Mall.

When one takes time to read and study the rules, he will find they really do make good sense. They have been tested over the years and altered when necessary; there is still room for improvement, but to effect this, we must have suggestions from interested members, and we need to get more people involved. There is no reason why the number of competitive displays cannot be doubled for 1971.

Here's your chance to express your opinion. We may be stirring up a hornet's nest, but -- gripe to me. Write me at Betty J. Crawford, MWF Uniform Rules Committee Chairman, 1119 Seminole Avenue, Mansfield, Ohio 44906

NEW BULLETIN EDITORS COMMITTEE CO-CHAIRMAN

Oliver and Betty Roskam, husband and wife, co-editors of the Show-Me Newsletter, official bulletin for the Show-Me Rockhounds Association, Inc., Kansas City, Missouri, have been appointed as co-chairmen of the MWF Bulletin Editors Committee by President Russell P. MacFall. Betty and Oliver replace "Con" Peterzen whose faithful and dedicated leadership of this committee will be long remembered.

Mr. and Mrs. Roskam are professional advertising consultants who work with many of the nation's leading direct mail and mail order companies. Their experience spans more than twenty-eight years.

They hope to assist and inspire club bulletin editors in such a manner so that every club will have a bulletin and/or newsletter and every editor and their assistants will achieve a greater satisfaction from their jobs by being able to create continually improved publications. They want to see your bulletins and very much want to hear your ideas, opinions, anecdotes, etc. If you have specific problems which you think they could help you with, please write them. Address, Mr. and Mrs. Oliver Roskam, 3506 N.W. 63rd St., Kansas City, Mo. 64151.

GOOD ROCKHOUNDS DON'T LITTER

WELCOME NEW MEMBER CLUB

The Blanchard Valley Gem and Mineral Club of Findlay, Ohio. Mr. Glenn O. D. Koons, President, Route 1, Findlay, Ohio.

(We now have a total of 224 clubs in MWF)

RETIREMENT

By John Thornton

(Mr. Thornton was president of the MWF in 1954-1955 and now lives in St. Petersburg, Florida.)

Retirement is something for which we must make preparation if we are to obtain the enjoyment that can be ours if we know how to use it. Many men who have had no interests apart from their daily work are apt, in retirement to do but two things: watch the ball games and find fault with their wives. Some years ago I was asked to give a talk on "How to Retire Gracefully." At that time I told the audience that one should start to prepare for it several years before the date arrives and that to be happy he must find two things that he likes to do. No. 1, something to occupy his hands and, No. 2, something entirely different to occupy his mind. If he has these two things he will be happy and I might add his wife will also be much happier. The writer did this and it has worked for seventeen years.

The lapidary art is an ideal outlet for work with the hands as well as keeping the mind alert. The desire to create is really inborn in each of us. It gives us something to study as we use our hands and we can study it for a life time and then feel there is so much more to learn. Also it can be picked up and laid down without ruining the work. This is important with elderly people as they slow down and may not be up to working over an hour or two a day. There are many sides to this work; faceting, capping, cutting transparencies, preparing pictures found in stones, etc. You may think that only you will be interested in what you bring forth but you will be surprised at the interest others will take at the things of beauty that you bring forth. There is also the pleasure you will obtain from making gifts. It is much more fun to give than to sell.

While there is every opportunity to use the mind in this work it is important to have something else unrelated to this hobby to occupy the mind, and we strongly recommend such an interest. Being an architect, the writer has spent the past seventeen years in a study of fire safety in building design and also in research on building problems which has helped to keep me alert and interested. It is sad that so many elderly people are only interested in playing bridge. Make a study of something so that you know more about it than the other fellow and also try to obtain some knowledge on other subjects. I gave this advice to some young people many years ago, but older

people also need this to make them happy. It helps the ego and also makes them feel that life still holds much for them. There is no reason why retirement cannot be the happiest years of one's life.

RULES BOOK

Copies of the new Uniform Rules booklet (red cover) will soon be mailed to all clubs. This book of rules will be used until further notice.

CREDENTIALS COMMITTEE REPORT

Donna Dykema, Credentials Committee chairman reports that a total of 208 persons representing MWF clubs and the MWF executive committee were in attendance at the Minneapolis, Minnesota convention last July 25th.

NOMINATING COMMITTEE

The permanent elected Nominating Committee members have drawn the following terms. 1 year: Verne Montgomery and Elsie Popejoy; 2 years: Leon Maxwell and Roy Meyenberg; 3 years: Albert Zeitner and Ed Hix. Chairman will be Russell MacFall. This is your nominating committee... let them know who you think would be a good officer and who you think would best represent the clubs in the two nominating vacancies which will come up next year.

June Zeitner - Chairman 1970

NEW PROGRAM LIST

Our Program Chairman, Mrs. Jane Auler, 323 South Dixon Road, Kokomo, Indiana 46901, is preparing a new list of MWF programs which will soon be printed and sent to all clubs. All program chairmen of the MWF clubs are invited to write Mrs. Auler and order programs from the MWF library of slides and movies for use at their club meetings.

PLEASE HELP US TO HELP YOU

Whenever you write, send an order for Newsletters, order any merchandise, send in coupons, etc. please put your name and address and the name of your club inside the package or letter. Orders have been received without the name or address of the sender or the name of their club. It is very difficult to process an order or reply to a letter if you fail to include this information.



ROCK & GEM SHOW

OCT. 10 & 11, 1970

MEMORIAL HALL - RACINE, WIS.

SAT. 12 am-9 pm SUN. 11 am-5 pm

- DEALERS • AUCTION**
- SWAPPING • EXHIBITS**
- DEMONSTRATIONS**

ADULTS - 35¢

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