

T H E



J A S P I L I T E

JUL 14 1982

Affiliated with the Midwest Federation
of Mineralogical and Geological Societies

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

Published Quarterly

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1982 Swap Chairman	Robert Proconier	

MEETINGS: Business Meeting: 1st Friday of the month, 7:30 p.m. at Bothwell Middle School, Marquette (1st Thursday evening June-Sept.)
 Program & Activity Meeting: 3rd Sunday of the month at 2:00 p.m. at the Ishpeming Senior Citizens' Center, Pine and Division Streets, October through April. Field trips during the summer months.

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

Initiation Fee	\$1.50
Husband & Wife Annual Dues .	3.00
Adult Annual Dues	2.00
Junior Annual Dues	1.00

OUR PURPOSE

To enjoy, to learn, to teach and to conserve
 The rocks, the gems, the fossils and ores.
 To collect, to admire, to brag and to show
 The material we've found, we'll trade for yours.
 -- Bob and Marian Markert

Deadlines for JASPILITE: January 1, April 1, July 1 and October 1

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Midwest Federations NEWSLETTER

Published monthly except July and August as a service to member clubs. All news and articles should be sent to the Editor, Mrs. BETTE SMITH, 10807 Mary Ann, Zeeland, MI 49464. All subscription orders should be sent to Parrot Printing Service, 2125 Forest Ave., Des Moines, IA 50311.



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MAY 1982 - Issue No. 224

HELPFUL HINTS FOR COMPETITIVE LAPIDARY EXHIBITORS DISPLAY

Items that take many, many hours to produce should not be displayed in a random manner.

Cleanliness: Cleanliness is next to a judge's heart. Judges do not count off from scores for insects or dirt that may drift into a case after it has been set up. However, they do look and take off points for fingerprints, smudges on lining and pieces of dirt that should have been removed before closing the case.

Summetry: Divide the case in half. Place the large items in first with equal amounts on both sides. If there is only one large piece, put it in the center at the back. Work around it so the case is balanced. Also, balance the color. Place the bright colored items nearest the center.

Lighting: Don't hide your talent in a dimly lit case. Judges can't evaluate your work if it cannot be seen. Fluorescent lights tend to distort the color of stones and make the polish seem dull. Most shows limit the wattage in a case. However, some people don't follow rules and end up with an "overlit" case, which is extremely hard on the eyes.

Lining: Keep the lining simple, flush, and wrinkle and fold free, and, of course, clean. Use a color that is soft to the eye. Don't use a color just because it is your favorite. Don't have the color of the lining compete with the items displayed. Natural colors, such as white, ivory and beige, are overlooked by the eye and we see only your finished pieces. Don't have any pins or thumbtacks showing. The lining which is the background for your items should appear not to appear.

Elevate the stones so they are seen to their best advantage. In some manner that does not show or is not distracting, secure your stones so that vibrations will not move them.

Do not clutter your display with anything ex-
next column please..

cept your own work, and too many of your pieces in one case can make it seem cluttered.

Labeling: Labels must contain the proper name of the material. This name is found in the Approved Reference List of Lapidary Material Names by the AFMS. Keep those labels small and neat. Writing or typing on all labels should be the same. Don't use two different typewriters for your labels. Uniformity counts.

Everyone complains that the judges are too picky when it comes to showmanship. However, there is nothing more distracting from your work than a messy display case. The overall impact on the first view of the display means a lot.

Further information can be obtained from GUIDELINES FOR EXHIBITORS (revised 1980) and REGIONAL UNIFORM RULES AND NATIONAL TROPHY RULES (FIFTH EDITION) both by the AFMS.

LARRY CASEY, MWF Chairman Lapidary Arts

PROGRAMS - LOUISE STINNETT, Chairman

Hello from weatherstruck Midwest. If it isn't snow, it's floods. Because of the bad weather many clubs have cancelled meetings. Apparently those holding slide programs due to be shown at a cancelled meeting don't know "procedure". PLEASE, if you hold them - LET ME KNOW.

It is very frustrating not to be able to send confirmed programs to clubs because the programs have not been returned. My phone number is on all communications.

I need your HELP. Apparently a program "Copper Country" has fallen through the cracks of my records. Will whoever is holding it - send it back or let me know they have it.. This is a popular program.

Also, if the Assistant State Directors will notify me of new clubs, I can send a "package" to them about our programs to welcome them and let them know we are trying to help.



The BOULDER BUSTER SONOMA COUNTY MINERALOGISTS AND LAPIDARIANS invite all Editors, past and present, to participate in their contest. To find the Editor who has edited the longest span of time.

If you have edited for other Rock and Gem Societies add those years to your score.

The winner of the YE'OL'ED contest will receive a trophy and the runner-up contestant will receive pins the Boulder Buster silversmith class has designed. The trophy will also be made in class.

This contest is nationwide...

Count up the years and send your score to BOULDER BUSTER, MS. GEORGIE DAUGHERTY, 245 E. Thomson Ave., Sonoma, CA 95476. Be sure and list the club bulletins, societies and the years edited after each.

CONDENSED RULES FOR EXHIBITING IN
SCFMS/AFMS SHOW, HOUSTON, TEXAS
JULY 8-11

1. Any member is eligible to enter and material must be owned by the exhibitor and in the case of lapidary or jewelry must be made by exhibitor.
2. Provide own cases.
3. Set up between noon and 9 p.m. Wednesday, July 7, 1982.
4. All entries should be locked. Host club not responsible for loss, theft or damage.
5. Judging will begin at 9 a.m. Thursday, July 8 under AFMS rules.
6. The Fifth Edition of the AFMS Uniform Rules, and amendments, shall be used for judging.
7. Score sheets and judges' comments must remain with exhibits until show is over.
8. No name or other identification of exhibit or placed on any exhibit until judging is completed. For security reasons, names of exhibitors will not be placed on score cards.
next column please...

9. Exhibits must remain in place until the conclusion of the show, 6 p.m. July 11.

Anyone wishing to exhibit please contact RONALD R. CARMAN, 6947 Foxhurst, Humble, Texas 77338

We extend our sincere sympathy to HELEN NEWMANN, whose husband, GORDON, passed away March 8, 1982. HELEN is the MWF Chairman of the Safety & Field Trip Committee

SPECIAL MINNESOTA ISSUE PLANNED FOR
ROCKS AND MINERALS MAGAZINE

The May-June issue of Rocks and Minerals magazine will be a special issue featuring Minnesota, host state for the 1982 Midwest Federation Show and Convention.

The entire issue will be devoted to exploring the state's mineralogy, paleontology and geology. Articles will cover such topics as the Tower-Soudan mine, Minnesota's Iron Range, Minnesota fossils, Minnesota caves, lapidary materials in the state, museums to visit, collections and exhibits to see, current information on collecting sites, and much more. This expanded issue will be a valuable reference for the collector coming to the show.

Individual copies can be obtained for \$4.00 by writing Rocks and Minerals, 4000 Albe-
marle Street, Washington, D.C. 20016. Annual
subscription rates are \$15.00. Copies will also
be available at the show. As official pub-
lication of both the Eastern and Midwest Fed-
erations, Rocks and Minerals will have a booth
on the floor.

Rocks and Minerals looks forward to see-
ing you in St. Paul, June 24-27.

MARIE HUIZING, Managing Editor

CLUB DELEGATES TO the Convention. YOU have been chosen to represent your society at the Federation meeting and as such, you have a responsibility both to your club and to the Federation, to take an active interest in activities!

BEFORE the meeting, read the agenda and the minutes of the previous meeting. Discuss with your society Board any business to come before the meeting so you will know their wishes.

AT the meeting collect all printed material (reports, etc.) and READ them. Don't be afraid to enter into discussion. Don't forget, YOU are the federation. Make suggestions for the GOOD of the federation.

AFTER the meeting distribute the printed material to the proper officers and chairmen. Read your copy of the reports and see that club members are aware of federation activities. Submitted by DIANE DARE - Borrowed from the CFMS Newsletter & adapted for our delegates.

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*****JUNE 1982 -- Issue No. 225*****

PUBLIC IMAGE AND COURTESY

It may benefit your local club to add Public Image and Courtesy duties to those of your club's Publicity Committee. Often both jobs could be done in one regular notice to the media. When announcements relative to your club's meetings are submitted for publication it could be good for your public image to include publicity about some thing(s) you do for the general public. Most clubs' activities during the year include projects for those who are not members of your societies. We identify rocks, minerals, gems; we judge 4H geology exhibits and often present awards; we put exhibits in public places; we supply awards for outside organizations; we present programs at schools and other civic organizations; we have days set aside during our annual shows when we admit seniors and students and other groups without charge and often give them special tours; most clubs invite guests to their meetings, introduce them and present them with a token rock or mineral as an introduction to our fascinating world of Earth Sciences. These are what the AFMS All American Federation Club Awards are all about. But tell what we do for others. Let them know the services are available. It can be rewarding to us. There is much pleasure in sharing.

RUTH MOGG, Chairman, Public Image & Courtesy Committee

DR. KATHERINE NELSON, the MWF's 1982 Honorary Award Winner who will select the students to win the AFMS Scholarships, writes:

"All these years the Wisconsin Geological Society members have been watching their scholarship contribution per cent rise as they saved Betty Crocker coupons, had special sales and collections, etc., and it never occurred to me or to most of the members that some day one of us might help to select scholarship winners. I am extremely grateful. My thanks go to all the Midwest members who had a part in naming me for this award."

CONGRATULATIONS FROM AFMS PRESIDENT

The Directory Committee has received a letter of congratulations from AFMS President, BARBARA GOSS, for the excellent 1982-1983 MWF Directory.

Among other things, BARBARA commented on the outstanding cover. Also the wealth of material contained in the directory which should encourage members to purchase copies. She also agreed that it will be valuable in every society library.

Comments such as BARBARA'S are certainly appreciated by the committee. We have received numerous good comments on the Directory.

Each club is sent two free copies of the Directory. At least one of these should be placed in the club's library for all club members to use. Additional copies may be purchased from the Director of Supplies, CLINTON HECKERT, 725 Stewart Ave., Elgin, IL 60120, for \$1.50 each plus postage and handling of 50¢ for first dollar of order, 25¢ for each additional dollar, or fraction thereof.

BETTY MYERS, MWF Directory Chairman

VOLUNTEERS NEEDED

Would you like to do Federation Work? The Midwest Federation is always looking for good people to help with our Permanent Committees, State Directors and Special Committees. I know the State Directors and Committee Chairpersons would gladly accept a helping hand from any one of you. The rewards are excellent, the camaraderie can't be beat. Try it, you'll like it.

USE THE MWF STATE DIRECTORS

Your State Directors are available for the express purpose of serving you, the member clubs of the Midwest Federation. Do you know who your State Director is? If not, why not invite him to your next meeting. He may be able to help you with a problem you may have. At the very least, he can give the program "The Midwest Federation and You".

LARRY NAWOJSKI, President MWF

MINERAL PRONUNCIATION GUIDES

Rockhounds Pronouncing Dictionary
by DOROTHY & MARSHALL HUEY (1973)

This booklet retails for \$2.00 a copy, and can be purchased in quantities at a reduced cost. It is a 51 page booklet which contains an alphabetical listing of mineralogical, geological and lapidary terms with definitions and pronunciations. Send orders to: Bellevue Gem & Rock Shop, 507 Bellevue Ave., Laureldale, PA 19605

An Index of Mineral Species and Varieties Arranged Chemically British Museum (Natural History), London: (1975) Second, revised Edition, reprinted with corrections. pp. 659-724; a pronouncing index of accepted mineral names.

This listing includes more rare species and the pronunciations are given in "English" and "American" if there are differences.

Submitted by DAN BEHNKE, MWF Chairman, Micro-mount Committee

PLEASE CORRECT.....

JUNE ZEITNER says she is in trouble with the U.S. Post Office, United Parcel and people whose letters never reach her.

Why, you ask???? Her address has been published in different directories as 520 South Canyon Road and it should be 5203 South Canyon Road, Rapid City, S.D. 57701

CORRECTIONS AND CHANGES SINCE THE 1982-1983 DIRECTORY WENT TO PRESS

Correction in the address of JUNE ZEITNER, see above...

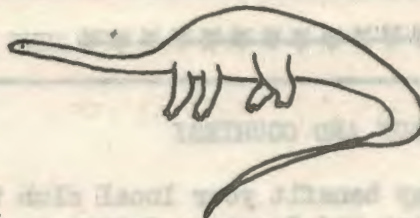
Change of address for HOWARD KNIGHT, Assistant State Director for Missouri - Route 9, Box 482, Mountain Home, Arkansas 72653

DR HARRY RAPLUS, Box 469, Fayette, Iowa 52142, replaces BERNIE HERMANSON as Assistant State Director in Iowa.

JIM BROCKMAN, 210 North Park Street, Fairmont, MN 56031, is the new State Director for Minnesota. His assistants are: ROBERT & GEORGIA SIEMS, P.O. Box 665, Fairmont, MN 56031; ROBERT SHEPARD, 3306 Golfcourse Road, Grand Rapids, MN 55744; BOB HAGUE, 3833 4th Place N.W., Rochester, MN 55901; DUANE SCHM- next column please...

IDT, 10 Edgewater Drive, Little Falls, MN 56345; and, LARRY COSTIGAN, 2190 8th Avenue, Newport, MN 55055

BETTY MYERS, MWF Directory Chairman



SPECIAL ATTRACTION AT MWF SHOW

One of the biggest attractions at the Midwest Federation Show to be held in St. Paul, Minnesota at the State Fairgrounds will be a working display by the Minnesota Science Museum of St. Paul.

This exhibit will consist of 34 volunteers working in a special room on a Brontosaurus. The volunteers will work all hours the show is open. These members will also be available to answer any of your questions.

The Minnesota Mineral Club, sponsor of the show, have already made plans for field trips, one of which will be for fossils.

Another feature of the show will be the Agate Stampede to be held at the fairgrounds on Friday, June 25. There will be no charge for this excellent chance to find some Lake Superior Agates.

The Awards Banquet to be held on Saturday, June 26, will have as its speaker Dr. George Rapp. Dr. Rapp is the Dean and Professor of Geology and Archeology, and also Director of the Archaeometry lab, College of Letter and Science, University of Duluth. He is also a Professor of Ancient Studies. Dr. Rapp has authored several books and you will not want to miss his program "The Geological Origin of the Atlantis Legend" at the banquet.

After the old fashioned chicken barbecue on Friday evening, a band will play for those who enjoy dancing or just listening. The barbecue will be held at the show site in a park directly across the street from the show buildings.

This is one show you will not want to miss. So, by bus, plane or car, come to the MWF show June 24 - 27 in St. Paul.

PAULINE RICHARDSON, Show Publicity Chairman

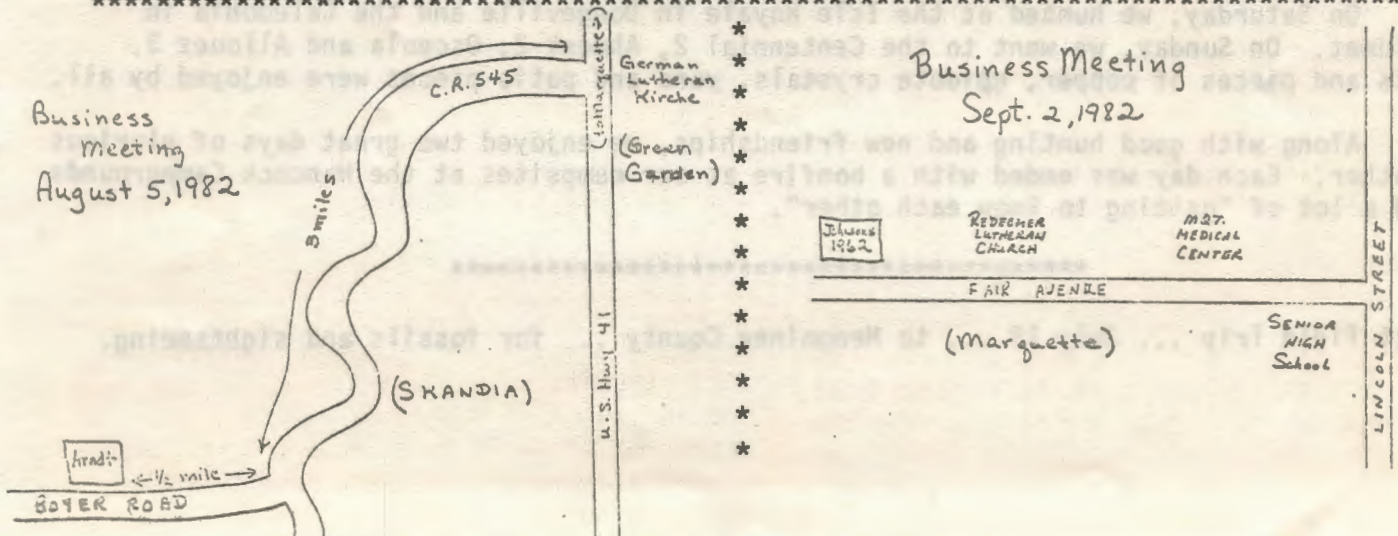
BRONTOSAURUS is a huge plant-eating dinosaur of the Jurassic period. This semiaquatic reptile attained a length of about seventy feet and an estimated weight of thirty tons. Well preserved bones of Brontosaurus have been found as well as some interesting fossil tracks.

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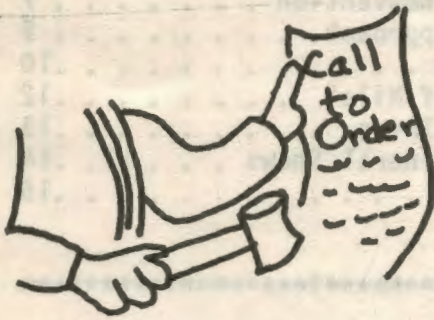
IRMC MEETINGS & EVENTS

- Sunday, July 18 9:30 a.m. Field Trip to Menominee County. Meet at Crossroads Bar Parking Lot, County Roads 553 & 480.
- Thursday, August 5 7:30 p.m. Business Meeting at Arndts' home, Boyer Road, Skandia (see map below).
- Saturday, August 7 9:00 a.m. ROCK SWAP at Southeast Corner, K-Mart Parking Lot, Marquette.
- Saturday, August 7 7:00 p.m. CRACKER BARREL at Vandeenboom School, 200 Erie St., Marquette. Speaker to be announced.
- Sunday, August 8 1:00 p.m. Field Trip to Lindberg's Quarry to collect Kona dolomite. Meet at Marquette Tourist Park, Mqt.
- Thursday, Sept. 2 7:30 p.m. Business Meeting at Ernie Johnson's home, 1962 West Fair, Marquette.
- Saturday, Sept. 4 all day Annual Labor Day Field Trip in Copper Country. Meeting places, collecting sites and exact time of departure to be announced at upcoming meetings.
- Sunday, Sept. 5 day
- Monday, Sept. 6 long
- Friday, Oct. 1 7:30 p.m. Business Meeting. Place to be announced.
- Sunday, Oct. 17 Fall Color Tour to L'Anse area. Meeting time and place to be announced.



The President's Message

by Bruce Spike



I have been a real rockhound for only a short number of years; but I have found the hobby a relaxing, satisfying, rewarding pasttime. The Ishpeming Rock & Mineral Club and related activities require a measure of effort in channeling the official course of events, however the pleasures, social contacts and extended friendships have been a just reward.

Our club does not set a course which pretends to seek glory and rewards. These are a natural result of a long habit of following the golden rule, "Do unto others as you would that they do unto you".

We brag (yes), we swap, we share not only with our fellow members but with other clubs, visitors and even strangers. We recently won a first place award from the Midwest Federation of Mineralogical and Geological Societies for doing those things which we enjoy most. This is a tribute to the calibre of our membership. Aren't you glad you are a member of the Ishpeming Rock and Mineral Club? You can sit back and say, "I was a party to those activities."

Coming events need your attention, cooperation and some physical effort, too. The SWAP slated for August 7 will run smoothly only if everyone puts some energy into it. The cracker barrel session in the evening after the swap and the field trip on Sunday afternoon, August 8, to Lindber's Quarry should attract a lot of visitors. A big turnout of our own members to mingle with the visitors will insure a successful event.

Can you imagine "13" being anyone's lucky number? It is when you're one of the "13" that attended the Memorial Day Field Trip in the Copper Country. We all had a great time getting acquainted and collecting our treasures.

Memorial Day

by Jan Ruonavaara.

On Saturday, we hunted at the Isle Royale in Dodgeville and the Caledonia in Calumet. On Sunday, we went to the Centennial 2, Ahmeek 2, Osceola and Allouez 3. Bits and pieces of copper, epidote crystals, yard and patio pieces were enjoyed by all.

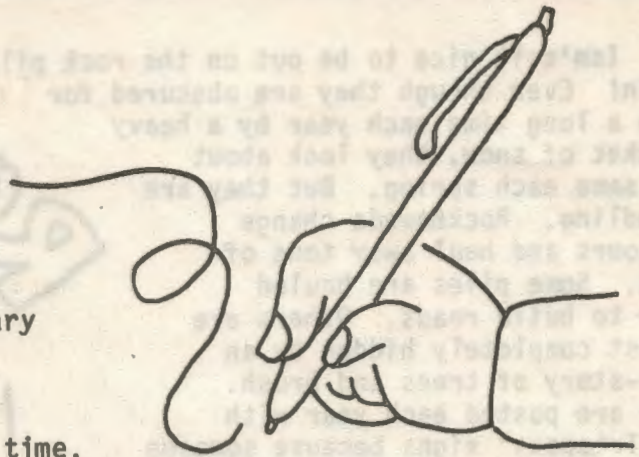
Along with good hunting and new friendships, we enjoyed two great days of glorious weather. Each day was ended with a bonfire at our campsites at the Hancock Campgrounds and a lot of "getting to know each other".

Next Field Trip ... July 18 ... to Menominee County ... for fossils and sightseeing.

Notes

from the Secretary's Minutes

by Helen Johnson
Acting Secretary



APRIL 2, 1982 - Business Meeting

Minutes not available to editor at press time.

APRIL 18, 1982 - Program Meeting

Very informative and up-to-date program on the Ropes Gold Mine given by Mr. Ross Grunwald, Project Geologist for Resource Exploration.

MAY 7, 1982 - Business Meeting

Minutes not available to editor at press time.

MAY 29-31, 1982 - Field Trip

13 Members of the IRMC plus the Aulers from Illinois enjoyed a good weekend in the Copper Country, visiting several mines.

JUNE 3, 1982 - Business Meeting

Meeting held at the Kaukolas.

Plans for Swap discussed. Sale of raffle tickets coming along fine.

U. P. Get Together canceled due to lack of sufficient reservations; so Ishpeming Club will hold a field trip to Murdock Mine on that day instead.

JUNE 20, 1982 - Field Trip

Several members of the club enjoyed a first-time visit to the Murdock Mine north of Ishpeming. Bob Markert led the field trip.

JULY 1, 1982 - Business Meeting

Good response on raffle ticket sales. Swap plans discussed.

4 new books purchased for the club library.

White Pine field trip on July 18 canceled due to reduced work schedule at mine.

Alternate trip chosen.

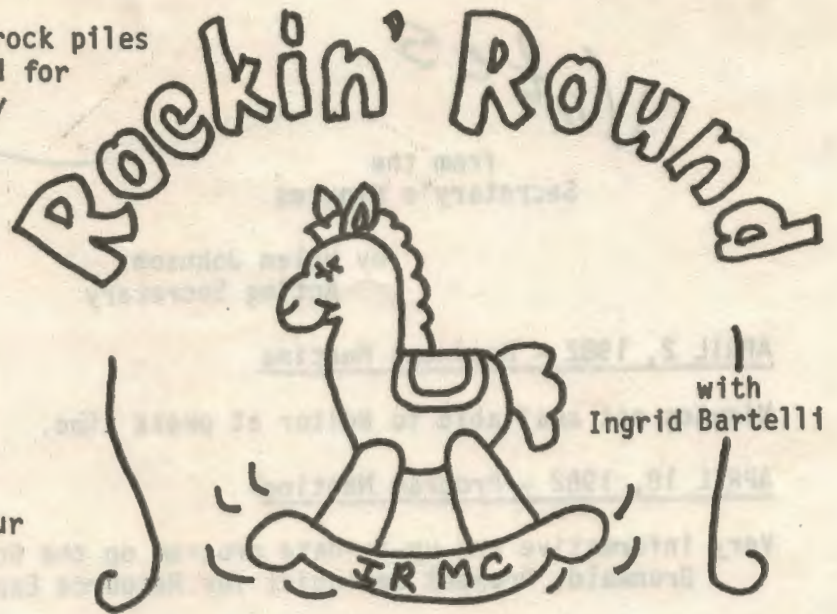
MWF Convention delegate's report given.

Suggestion made by member to omit MWF newsletters from bulletin and substitute original articles written by members.

attend the ROCK SWAP on August 7, 1982

.... plan NOW to attend and BE THERE !!!

Isn't it nice to be out on the rock piles again! Even though they are obscured for such a long time each year by a heavy blanket of snow, they look about the same each spring. But they are dwindling. Rockhounds change contours and haul away tons of rock. Some piles are hauled away to build roads. Others are almost completely hidden by an over-story of trees and brush. More are posted each year with "No Trespass" signs because someone has abused the privileges that have been ours as rock collectors. Let not any of us be guilty of abusing our privilege to pick rocks!



Of course, we carry bags and hammers to ply our hobby, but the greatest joy comes not from finding a beautiful specimen but from meeting good friends (old and new) -- other rockhounds, some from far-away places.

Then, too, there are other heart-warming sights and sounds to restore our souls: eagles riding the air currents at the Cliff, indigo buntings at the Central, beaver at the Ohio, weasels in the rocks at the Quincy, the constant chorus of warblers everywhere, breathtaking scenes from the Brockway, Look Out Mountain and Copper Falls, the crystal cold water along the agate beaches, and especially the plants and flowers that have endured for a hundred years and more since they were planted at the old mining sites. Our hobby keeps us close to the earth and its enduring wonders.

We've had some unique "rock" collecting by some of our members. Look, Ma, no hands! Marie Spike gathered a bunch of rocks in her nose and forehead. When the doctors got her sewed up and the gravel dug out, they found not even one agate. Marie is healing well and will be as beautiful as ever.

Frazier Tubbs tried growing some stones. It took an extended stay in the hospital and some tricky surgery for the doctors to collect his stones. It's taking a while but Frazier is gradually gaining his strength for his 8 miles a day jaunts.

Some of us had gem stones hauled to us as we participated in an agate stampede at the Midwest Show. A load of gravel, well salted with agates, was spread on the ground with agates free for all who could find them. Laurence Sain says the pictures he took are worth more than the agates we recovered. Blackmail!

Marian Markert is sweet, loving and courageous in the long road to recovery from her heart surgery. One of these days she'll take the reins so Bob can have his repair surgery done. We love both of you.

The Ogeas are busy building a new nest. Ben is in there supervising and hammering away at their new home in spite of some circulatory problems

(continued on page 5)

Rockin' Round (continued from page 4)

Tony and Eleanor were showed down, as I'm sure were many others, by the flu bug that hangs on for a month or more.

Laurence Sain is recovering from corpal tunnel surgery on his wrist. Though the pain in his arm is gone and the numbness in his fingers is lessening, it didn't improve his cribbage playing one bit.

Then it was my turn. Am almost back to normal again. Thank you all for your love and good wishes.

bits 'n' pieces

by Arnold Mulzer



By the time of this printing, all members should have received their quota of raffle tickets. In the past, this has been one of our money-making propositions. This helps in aiding us to keep your dues down to the present level. Our dues alone couldn't suffice to cover the expenses of running our club.

Let me give you a few of the fixed charges:

- Hall Rental - \$5.00 per meeting (that's cheap!)
- Midwest Dues - \$.50 per member
- Postage on Bulletin - \$.38 four times a year.
- Printing of Bulletin - about \$50.00 each issue
- Liability Insurance - \$79.00 per year

I have been in this club for eleven years and the dues hasn't changed. Most everything else that involves dollars has gone up at least two fold. Gasoline from 30¢ to \$1.40 ... and our club dues remain the same. By selling your tickets, they will remain the same.

Let's all be 100% on the raffle tickets!

Did you read the newspaper headlines on June 10 -- Diamonds in the U.P.? A lot of people getting excited and I can't blame them. But, if you read page 9 in the April Jaspilite, you should have been informed. Refer back to it. At a recent meeting, Ingrid Bartelli passed around some samples taken from the Kimberlite pipes from Iron County.

Some geologists claim that Blue Earth, a mineral, could be the harbinger of diamonds and has been found in the area. Representatives of four mining concerns

(continued on page 6)

"Blue Earth" may Harbor Diamonds in Michigan (continued from page 6)

Van Alstine would not identify the company.

"The odds are one or two in 100 that the sample (identified in Iron County) will contain diamonds," Van Alstine said.

The Michigan Department of Natural Resources next month will ask the Natural Resources Commission to include diamonds in rules governing the issuance of mineral mining leases on state-owned land, Harmes said.



"The Thing to Do in '82" was to go to the MWF Convention in the Twin Cities -- and that's just what ten of our club members did. Arnold Mulzer, the Johnsons, the Sains, the Bartellis, the Shorts and Mike Elliott were all there for a varying number of days.

The State Fairgrounds, specifically the 4-H and Education Buildings, was an excellent location for the displays and dealers' booths. The number of competitive displays increased from the prior year; with hopes of a continuing trend upward in quantity while preserving the quality. I truly admired the quality of workmanship so much in evidence.

The campground was only a 3-block walk from these buildings; and the site of the Agate Stampede on Friday afternoon was about half-way between. I really think the Agate Stampede was the highlight of the convention for many. So many people participated; and all did find Lake Superior agates.

As your club's delegate, I attended the editor's breakfast and the delegate's meeting; both held at Paul' Place Inn - a short drive from the fairgrounds. The delegate's meeting, following state directors' and permanent committees' reports, consisted of an election of officers; appointment, by ballot, of sites of the 83, 84 and 85 shows; and other pertinent items. Those elected to office were: Mrs. Diane Dare, President; Rex Wood, 1st vice President; James Edwards, 2nd vice President; Jean Reynolds, Secretary; William Parch, Treasurer. Congratulations to all!

"The Place to Be in '83" will be in Kalamazoo. Marve and Kitty Starbuck attended our Michigan night as well as the convention. The Starbucks were very receptive to all suggestions made to them. They assured us of a good meeting and show next year.

The show sites selected for 84 and 85 are Milwaukee and Sioux Falls, S.D., respectively.

I was very happy to accept, on your behalf, the 1300% seal as our club's award for its donations to the AFMS scholarship fund and also the participation certificate for the AFMS club award. I am very sorry I did not attend the banquet to re-

(continued on page 8)

MWF SHOW AND CONVENTION

MWF Show and Convention (continued from page 7)

ceive the first place plaque our club was awarded; but I understand that Florence Hill was happy to accept it on our behalf.

"Michigan Night" was sponsored by members of the Ishpeming club and held in the campground at Short's trailer site. Nearly 50 people from Michigan clubs attended. Clubs represented were the IRMC, Dearborn, Central Michigan, Livingston, Kalamazoo, Muskegon, Rock Exchange (Garden City), Grand Rapids, Indian Mounds, Bay De Noc. It was interesting to note that the Bay De Noc had 30% of its member at the convention; a very high percentage; the 30% of club members is equal to 3.

Esther Mulally, MWF Credentials Chairman, told of confusion arising when clubs register their delegate with only the host club. She pointed out the need to register a delegate with the MWF credentials committee and NOT with the host club. Hopefully, this will be rectified in the future by changing the show registration form.

While none of our club members took advantage of the field trip held on Sunday, other Michiganders did and found the trip to be very worthwhile. They returned with many Lake Superior agates to take home as convention souvenirs.

For a first-time venture, I can honestly say thank you to the club for allowing me to be your delegate. I really enjoyed meeting so many nice people there. I hope I can do it again next year.



Recognition is Extended to

Ishpeming Rock and Mineral Club

FOR PARTICIPATION IN

All American Federation Club Award

1981

David W. Smith
Federation President
Benjamin M. Miller
Committee Member

Barbara L. Lee
A.F.M.S. President
Vern Korstad
A.F.M.S. Education Chairman

The above certificate was awarded to the IRMC at the recent MWF convention in the Twin Cities. In addition, we were given a plaque proclaiming us 'first place' in the American Federation club awards.

Congratulations, club members, on this award! Keep up the good work for future years. A special thank you to Olive and Ingrid for compiling the information.

A DIFFERENT APPROACH --- IN MORE WAYS THAN ONE

by Helen Johnson

Along about the beginning of May, the telephone rang at our house. Upon answering it, I found that a local elementary school wished to have a speaker on rock collecting to coincide with their reading program. While Olive had first been contacted, she had told them to contact me as probably 1 of our 5 family members could handle it. Well, seeing as how the 2 girls would be at Science Camp with another elementary school, Chris would be in his math class and Ernie at work, that left only me. ME?? ... I am certainly not one to get up and talk before a group.

Anyway, after calling the teacher back, the news got worse. I should be there at 12:30 and stay until 2:30 -- two whole hours of lecturing. Then, she softened it a little by telling me I would have seven "classes" of 15 long minutes each.

After saying "yes", I began to think. What could I, who is certainly no expert, teach these children about rock collecting and yet still keep it light and fun? After a lot of deliberation, I decided upon a new approach ... one very different from any I had used before. I decided not to teach about, but to awaken an interest in, rock collecting by using only Michigan minerals and rocks and pointing out how the children use and see minerals every day. I used a 'hands on' system while telling them about the rock that smells (sulphur) like matches, the mineral that tastes, (halite) the mineral used to carry our everyday phone calls (copper), etc.

Not once, in each of the seven times, did I completely finish all that I had to tell them about the specimens I had brought. The children were quiet and attentive; they liked the idea of holding, touching and feeling the rocks; they enjoyed taking a touchstone home with them; and after 15 minutes most of them wanted to stay and talk some more. So, guess I did ok after all.

It's really not so difficult, you see, to help spread a little public relations around for your club. You'll make everyone just a little happier -- especially your editor if you write about it for your club's newsletter.

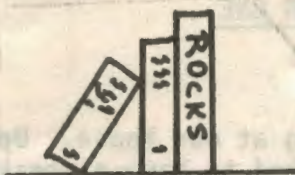
GOING TO THE WORLD'S FAIR?

If you are making plans to visit the World's Fair in Knoxville this summer, be careful if you are taking your camper. According to the Tennessee Association of Campground Owners, many "campgrounds" are being set up in undesirable areas. For information on established camping facilities near the fair site, send 20¢ postage to:

Waldo Boyce, Tenn. Assoc. of Campground Owners
Toestring Cove Resort
Rt. 3, Box 465
Spring City, Tennessee 37381

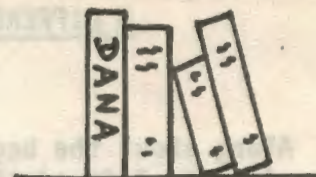
via others and Chip and Lick

Add to Membership List: Carl and Sue Gutman, 201 West Magnetic, Marquette 49855



Library Notes

by Ernie Johnson



Four new books were purchased at the 1982 Midwest Convention. These will be used to carry on IRMC's position of dedicating books in memory of past members.

The four books chosen are:

THE CREATIVE LAPIDARY, by Frank W. Long. In addition to his fascinating gemstone designs, Frank Long has devised many new tools, techniques and adaptations. Among the extensive range of subjects are the following:

- the materials - gemstone, mineral, and organic - their crystallizing structure; physical properties; hardness; etc.
- the equipment - slabbing saws, trim saws, blades, grinding wheels, sanding drums, polishers, etc.
- the basics - sawing, grinding, sanding, polishing, lapping, and drilling
- specialized and advanced techniques - tumbling, faceting, etc.
- projects - jewelry, sculpture, screens, windows, tables, etc.
- design - importance, elements, principles, and inspiration, with ancient and modern examples.

Each topic is fully explained with step-by-step instructions and lavishly illustrated with over 200 halftones, line drawings, and color plates. 136 pages. Hardbound.

JEWELRY MAKING FOR THE BEGINNING CRAFTSMAN, by Creta Pack. It is a working manual for those who wish to make jewelry of silver and other metals. It introduces the skills and processes of an ancient and honorable craft which has unlimited possibilities.

With a few essential tools, materials, and simple working drawings, one can learn to make really wearable jewelry.

The projects are not given in order of difficulty, but those which combine similar decorative processes have been grouped together. Directions for processes are not repeated, but reference pages may be found with each project. 68 pages. Softbound.

HOW TO USE DIAMOND ABRASIVES TO CUT GEMSTONES, by Arthur L. Riggle. Whether you are an experienced gem cutter, or are interested in getting into this fascinating hobby (or professional), important considerations are convenience and efficiency. These attributes are to be found in the use of diamond abrasives for the sawing, grinding, smoothing and polishing of gemstones... In this book you will learn to use these aids to cut cabochons and small flat stones. Several methods are covered, so that you may select those that best fit your needs. The author's extensive experience in the field has enabled him to put together a set of instructions that will show you how to use the various types of diamond abrasives to cut beautiful gems with a maximum of enjoyment, convenience and cleanliness. 30 pages. Softbound.

(continued on page 11)

Library Notes (continued from page 10)

GEM CUTTING SHOP HELPS, by Hugh Leiper, F.G.A. Editor. These articles from a unique treasury of all that is best in this hobby of ours. In this book, they have tried to present the best, discarding the older methods as better ones came along.

It covers gem cutting, sawing, grinding, sanding and polishing, diamond tools, drilling and lapping, cabochon cutting, novelties, treatment of individual gemstones and gemology. 230 pages. Softbound.

Remember, the library is for your use. The club has gone to a great expense to provide a well-rounded choice of subjects for you. If you don't use it or make yourself aware of what it contains, you may be missing out on some interesting facts, new methods to try, or how to overcome a problem you may be having.

The library is at each regular meeting for you to review and check out the books which are of interest to you. During the summer, they are available at the librarian's home; please call before coming to save yourself a fruitless trip.

If you do have a book checked out, please return it after two months so others may also enjoy it.

If you know of a book that you feel should be in the library, please notify the librarian giving the title, author and, if possible, where to obtain it.

DID YOU READ THIS IN THE PAPER?

A large specimen of jaspilite has been donated to the Smithsonian Institute by the Cleveland Cliffs Iron Company. The 13-ton specimen was removed from the south side of Jasper Knob in Ishpeming, Michigan, this past fall.

It is to be used in an exhibit of rock and mineral samples from all over the United States and is said to be a beautiful piece of jasper and hematite with very nice banding. The removal of the specimen was accomplished by using hydraulic pressure in cracks of the host rock instead of blasting it out.

via the Marquette Mining Journal

WARNING TO SILVER-SOLDERING ENTHUSIASTS:

Silver brazing alloy, frequently called, "silver solder", is an extremely valuable industrial material used for joining metals and alloys such as silver, copper, brass bronze, stainless steel, carbon steel and dissimilar metal combinations where it is necessary to perform the joining of these metals at low temperatures. Fumes generated during brazing can be a serious hazard. Brazing fluxes generate fluoride fumes when heated. Cadmium in silver brazing alloys vaporizes when overheated and produces cadmium oxide, a highly toxic substance. If cadmium oxide fumes are inhaled into the respiratory tract, they can cause pulmonary distress, shortness of breath, and in cases of severe exposure, may cause death.

via AFMS Safety Manual

the LEGEND of "OLD NILS"

by Lee Carter

It is not within my capabilities to write anything either scientific or scholarly. Now is the time of story telling. One of these has its background in Michigan's great mining years and starts in the Marquette area with what I have been told of Vierling's Sportsman's Bar. Like other popular saloons in developing centers this was a prosperous and perhaps lavish gathering spot for hardy men of the woods and mines. It was often a sort of pawn office or temporary drop-off of personal property. Stuffed trophies of the hunt and hook were on one wall, a few old guns on another while over the mirrored bar hung four original oils by a western artist. The proprietor had a taste for history and frequently exhibited artifacts or old photos relative to Upper Michigan.

As mining ventures diminished, the Sportsman's Bar as well as its owner passed into history. After lengthy legal complications, one of the heirs disposed of much of the property. Some years later I made the acquaintance of this gentleman, a craftsman himself. I admired the restored paintings and was shown some of the unclaimed items originally left at the saloon. Among these was the contents of a blanket roll, owner unknown, which consisted of an oilskin cape, razor, small mirror and a deer hide covered with beautifully done sketches of Indian scenes. There was no indication of the artist. Another item was a tin of tie pins, cut cabochons and rough stones along with a jar of broken thomsonites. Here "Old Nils", as he came to be called, enters the story.

Young Nils came to Upper Michigan from Sweden as a mechanic-machinist and worked for many years for various mining companies. His reputation as a mechanical genius was equalled only by his capacity for strong drink. As things developed, the services of

this aging man were no longer needed and since he was not famous for sobriety, Nils found himself without steady employment. He wandered about the U.P. and Isle Royale as a prospector, timber spotter, guide and occasional mechanic. Winters he spent in his cabin supposed to have been near Lake Michigan and he was at times seen in bars within two days trek. One of these was Vierling's saloon where he cadged or bartered his expertly made pins for drinks. They held well polished chlorastrolites or thomsonite cabochons. It appears Nils had some method of rolling native gold and silver and a means of grinding stones. The jar of broken thomsonites which he displayed on bars indicated that these had been broken in thumbnail sizes with hammer and chisel to locate the best eyes for cutting. The tin left at the Marquette bar contained two stickpins with 20 x 12 mm greenstones in wonderful patterns. A third pin held a dime size green and red eyed thomsonite. Other choice pieces of the same material were still uncut. Best of all was a rough chlorastrolite (pumpellyite) about the size of a half dollar. It was without blemish and I borrowed it long enough to shape and polish it. It weighed 51 carats and I scratched "Old Nils" on its base.

The time came when a woodsman found the remains of Old Nils in his cabin amid a jumble of heavy tools and some small mechanical devices. In perfect order were several groups of hand tools in pocketed leather cases and a shelf of ore specimens. Evidently there were no papers to indicate a relative so anything of use fell into strange hands. Thus ends the story or perhaps legend of "Old Nils". He was mentioned for a few years and then memory of him died. Somewhere there remains a choice chlorastrolite bearing his name. ■

via The Conglomerate

SUMMER FIELD TRIPS

by Ernie and
Helen Johnson

JUNE 20, 1982 - Murdock Field Trip

The trip began at 1 p.m. at the Ishpeming Armory; from which we proceeded to the South Camp Road to meet Bob Markert, our guide for the day.

Six vehicles and 15 people, following our guide, backtracked about a mile on 510 before turning west on to a road (loose description). It was a narrow, winding trail which ended about a half mile later at a beaver pond. This called for four wheel drive or trucks only.

Leaving the vehicles, we proceeded around the beaver dam and out a 1/4 mile through the woods to the Murdock Mine. It is located on the side of a rock out-cropping. The miners who developed it were after gold and silver whereas we were after quartzite. You could see where the miners had closed the shaft with a steel grating in one place and where they had started to develop a second shaft but quit for some reason.

There was more than enough material to choose from. Within an hour, we were returning to the vehicles for the return trip home. The trip was informative in nature as most of us had not been to the Murdock Mine and also we wanted to see if the material, quartzite, could be worked. (Since the trip, some of the quartzite has been worked and it does come out with a very nice polish.)

Our thanks to Bob Markert for acting as our guide into the Murdock Mine.

JULY 18, 1982 - Menominee County

We will meet at the Crossroads Bar Parking Lot, 553 and 480 Crossroads south of Marquette; from there we will caravan down to Menominee County in search of fossils. The carbonate deposits here are of the Ordovician period (425 to 500 million years ago). We will search for brachiopods, trilobites, gastropods, corals, pelecypods, cephalopods and others in the stream bed. We will also go on to view the cement sculptures at a nearby farm; and, possibly, end up with a short jaunt to the Stonington Peninsula in search of more fossils. BRING YOUR CAMERA as well as your hunting equipment; fishing boots or waders will come in handy, too.

SUMMER FIELD TRIPS (continued from page 13)**AUGUST 8, 1982 - Lindberg's Quarry**

In conjunction with the Rock Swap, the IRMC will host a field trip to Lindberg's Quarry on County Road 480 for Kona dolomite. All persons attending this field trip are asked to sign up at the Rock Swap on Saturday (pre-registration is a must). There will be a charge for this field trip. Registered field trippers are asked to meet at the Marquette Tourist Park. We will leave there promptly at 1 p.m.; don't be late.

SEPTEMBER 4, 5 and 6, 1982 - Annual Labor Day Field Trip

The plans and/or meeting place for the annual IRMC Labor Day Field Trip to the Copper Country have not been finalized as yet. Final arrangements will be announced at upcoming business meetings; if you live out of the area, please contact one of the officers for further information.

OCTOBER 17, 1982 - Fall Color Tour

The annual fall color tour will be held in the L'Anse area this year. We will go to Canyon Falls, Taylor Mine for pyrolusite and, possibly, to the Slate River. Meeting time and place will be announced at future meetings.

Rock, Gem & Mineral **SHOWS**

- | | | |
|-------------|------|---|
| August 14 | SWAP | L'ANSE, MI., Farmers Market, US 41 N, Baraga County Geology and Lapidary Club, Harold Struble, Rt. 1 Box 108, L'Anse. |
| Sept. 12 | SWAP | LADYSMITH, WI., Kenny Thornapple Campground, Flambeau G & M Society |
| Sept. 11-12 | SWAP | MUSKEGON, MI., Pioneer Park, Muskegon County Rock & Mineral |
| Sept. 17-18 | SHOW | HOLLAND, MI., Civic Center, Tulip City Gem and Mineral Club |
| Sept. 25-26 | SHOW | HARTLAND, MI., High School, Livingston Gem & Mineral Society |
| Oct. 2-3 | SHOW | RACINE, WI., Memorial Hall, Racine Geological Society |
| Oct. 8-10 | SHOW | DETROIT, MI., Light Guard Armory, Michigan Mineral Society |
| Oct. 9-10 | SHOW | TRAVERSE CITY, MI., College Gym, Grand Traverse R & M Club |
| Oct. 15-17 | SHOW | LANSING, MI., National Guard Armory, Central Michigan L & M Society |

DO YOU LICK ROCKS? There has been one death directly attributed to licking rocks. This man suffered from a fungus in his mouth and died. Arsenic, mercury, selenium, some of the boron minerals and some phosphates could be lurking in these rocks. **USE SQUIRT GUNS!**

via Petoskey Stone

about the AFMS



THE AMERICAN FEDERATION NEWSLETTER

SERVING THE SIX REGIONAL FEDERATIONS MONTHLY



JULY 1982

HISTORY
The AFMS has existed since 1948, so is approaching its 40th Birthday! Jack Streeter (Calif.) and Dr. H. C. Dake (Ore.) were in the talking stage of a national federation but in the meantime Dr. Ben Hur Wilson (Midwest) and Dr. Richard Pearl (Rocky Mountain) were forming actual plans. On June 12, 1947, 8 men, representing 4 already formed federations (Calif. 1931, NW 1938, MW 1940, RM 1947) met and actually formed the American Federation of Mineralogical Societies. It's first annual meeting was in Denver, June, 1948. Eastern (1950) and South Central (1953) were formed and complete the current roster of 6 federations.

This unification of mineral and lapidary societies was incorporated August 9, 1961. Some do not realize that the AFMS has Six (6) MEMBERS." However, through local societies belonging to regional societies they thus secure the AFMS "affiliation". The AFMS Board of Directors consists of 6 Officers, each one from one of the six federations, 18 meet once a year at the annual convention.

Thus all societies and members should realize the importance of communication via their local society to their own federation. The AFMS has a two way street - awareness of needs of society members and the obligation to provide service. This includes communication from each federation acting as a clearing house to pass information from one to another. Exchange of ideas, programs, all kinds of information can make us a more closely knit group.

President's Message

BARBARA GOSS



He was a man you could not forget once you met him.....a crop of heavy white hair and a brisk walk, greeting you with that chopped German-American accent. My first real meeting with PAUL SEEL was at the AFMS Convention in Normal, Illinois, when we were all lodged in the dormitory there. There was a lounge at the end of each hall where we gathered whenever we had the opportunity. Paul held court, telling stories in his own personal way. This one time he was in the middle of one and in walked little Hilde, saying "Now, Paul" - those two words put the entire group into hysterics. She was always a foil for this talented man.

Paul Seel was president of Eastern Federation, and President of the American Federation in 1970 when the Convention was in Fort Worth, Texas. He was on innumerable committees and as a newcomer to all this, I realized soon how often his opinion was sought on many issues. He did, for years, secure the bond for the AFMS officers. If you needed any history, ask Paul. He was always active in the Long Range, Boundaries and Past President's council. He gave lectures at our conventions. He never neglected giving you an immediate answer when you wrote or called for information. His answers were always straight from the shoulder.

But, when I heard of his passing, April 28, 1982, and felt that emptiness, I thought of how little I really deeply knew Paul and how I wish I had known him more intimately. Hilde was always there to help at the meetings because she knew everyone so that meant Paul knew everyone. I feel sad now that I did not "know" Paul. I have the treasured little moments of snatched conversations at shows, read some of his articles, discussed pros and cons of shows and business of every phase of our hobby but I feel a great loss - I did not know Paul as well as I would like to, always wanted to visit him in his home and have time to become better acquainted but never had the opportunity.

It is later than we think - we have so much among us rockhounds, our lives are touched by each other. I hope time and distance will not hold any of us back from knowing each other to the fullest.

The AFMS will miss PAUL SEEL for his many years of dedication. I will miss Paul as a friend I wish I had known even better. To Hilde, one of my favorite persons, I extend the known sympathy of the AFMS but more than that, my own love to you doubled at this time.

THE FUTURE OF OUR AMERICAN FEDERATION

These are some of the benefits the AFMS passes down to Regional Federations and directly to you through the AFMS Newsletter. We want to do more! We need museums where really fine items could be donated, willed, loaned so they may be on exhibit and appreciated. Olive Colhour's collection is an example, if we had had a place for it. CFMS has gone a long way over the past 15 years and now has two places for some items and is working on a third.

We need more schools such as Wild-

acres; training for judges, maybe mail order sessions.

We need more Program Aids. Two federations, at least, have publications of various programs for use by clubs and one now has the seminars.

We help and will continue to do so by collection of commemorative stamps for milk and high protein food for the needy in foreign countries. We will continue working in communities for community needs as well as our own.

We need to be able to furnish club members with more good articles, publications of interest, such as the article in

a magazine on Fakes. We cannot duplicate these for you as yet on our small 25¢ per YEAR income so we need to have funds available to help everyone more.

Do you realize if we remove one letter from the following word, which may describe all of us at times, we have a sorrowful fate?

APATHETIC — PATHETIC

Anyone reading this Newsletter who is not a member of a society but interested in joining one may write Mignon Wagner, 611 Clifford Drive, Austin, TX 78745, for the name and address of the club nearest you.

ROCK SWAP

August 7, 1982

9:00 a.m. to 5:00 p.m.

Southeast Corner of K-Mart Parking Lot

Marquette, Michigan

Cracker Barrel

Field Trip

August 7, 1982 7:00 p.m.

August 8, 1982 1:00 p.m.

Vandenboom School, 2000 Erie Street

Marquette Tourist Park

July, 1982

THE JASPILITE
Ishpeming Rock and Mineral Club, Inc.

Helen Johnson, Editor
1962 West Fair Avenue
Marquette, MI 49855



FIRST CLASS MAIL

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