

Feb '79

THE



J A S P I L I T E

APR 1979

Affiliated with the Midwest Federation  
of Mineralogical and Geological Societies

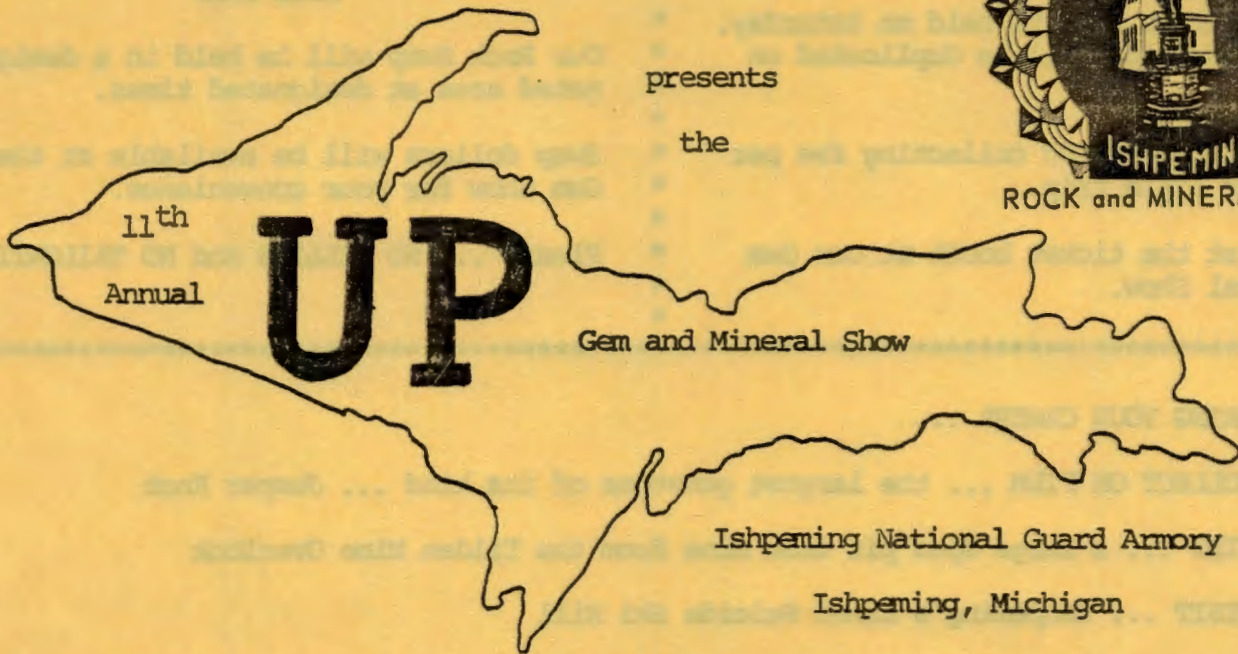
THE ISHPEMING ROCK & MINERAL CLUB



ROCK and MINERAL CLUB

presents

the



11<sup>th</sup>  
Annual

**UP**

Gem and Mineral Show

IshpeMING National Guard Armory

IshpeMING, Michigan

Saturday, August 11, 1979

10 A.M. to 9 P.M.

Sunday, August 12, 1979

10 A.M. to 6 P.M.

ADMISSION

50¢ adults

25¢ children 12 and under

Special Displays

Competitive & Non-Competitive Exhibits

Demonstrations

Treasure Trove

Dealers

Refreshments Available

Silent Auction

Touch Stones

Field Trips

Door Prizes

Rock Swap

A Swapping Area will be available.

Swap Dollars may be purchased.

NO SELLING ...

NO TAILGATING ...

For Further information:

Mr. Laurence Sain

818 West Kaye, Marquette, MI 49855

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<p>* * FIELD TRIPS * *Two field trips will be held on Saturday. *These field trips will be duplicated on *Sunday. * *There will be a \$1.00 collecting fee per *person per field trip. * *Register at the ticket booth at our Gem *and Mineral Show. *</p>	<p>* * * * * * * * * * * * *</p>	<p>* * * * * * * * * * * * *</p> <p style="text-align: center;">ROCK SWAP</p> <p>Our Rock Swap will be held in a design- ated area at designated times.</p> <p>Swap dollars will be available at the Gem Show for your convenience.</p> <p>Please ... NO SELLING and NO TAILGATING.</p>	<p>* * * * * * * * * * * * *</p>
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BRING YOUR CAMERA ...

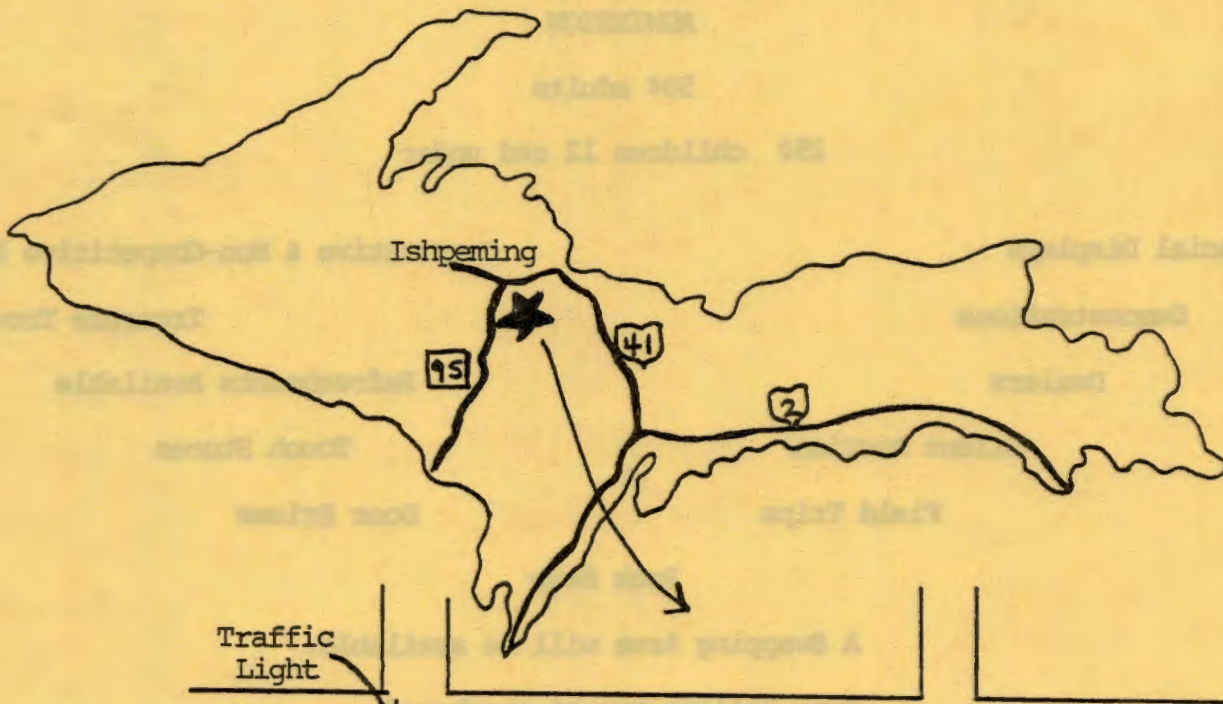
COLLECT ON FILM ... the largest gemstone of its kind ... Jasper Knob

VIEW ... a large open pit iron mine from the Tilden Mine Overlook

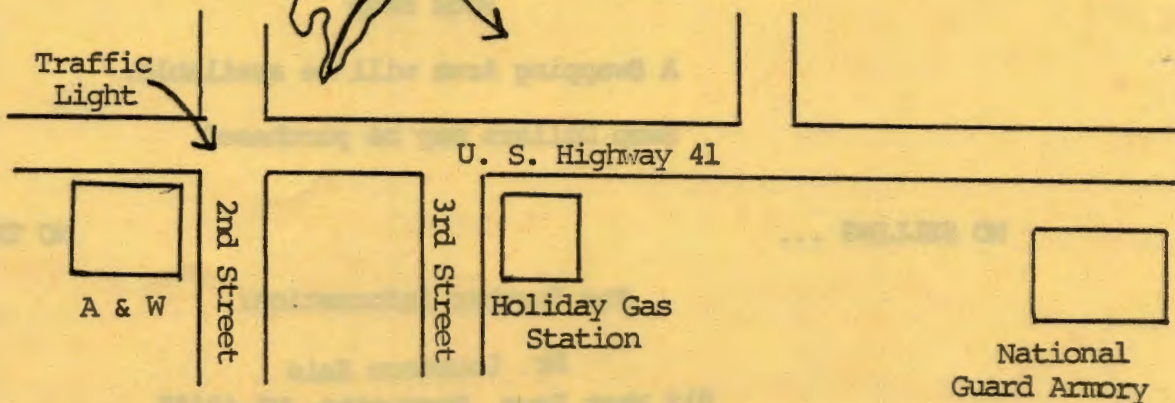
VISIT ... Ishpeming's famed Suicide Ski Hill

TOUR ... the National Ski Hall of Fame located near our Gem & Mineral Show.

Come, see, and collect Super Superiorland Minerals.



How  
to  
find  
our  
Show!



# Midwest Federations NEWSLETTER

Published monthly except July and August as a service to member clubs. All news, articles, subscription orders and requests for information should be sent to the Editor, Haydon Peterson. Parrot Printing, 2125 Forest Ave., Des Moines, Iowa 50311

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**TREASURER**  
Otto Enslinger  
229 E. Madison St.  
Lombard, IL 60148



February 1979 - Issue No. 192

## FORMER SOUTH DAKOTA DIRECTOR HONORED AT PARTY

Maybelle Wilcox, South Dakota State Director for the past four years, was honored recently at a "THIS IS YOUR HOBBY" party in her honor, hosted by her home club, the Rosebud Geological Society of Winner. Maybelle, who relinquished her duties this fall, served 14 Midwest clubs in her area. She attended most of the shows and field trips in South and North Dakota, and most of the Federation shows during her term. She was also active as bulletin Editor and in other capacities in her own club. Her club and Federation activities date from the Field Convention in 1969. Letters and telegrams from her many friends in the hobby helped make the evening an unforgettable one for Maybelle. Maybelle announced that the new South Dakota Director is Dellis Milbrandt of the Lakota Glacier Club in Aberdeen

## OFFICIAL ADDRESS OF AFMS CHANGED

William deNeui, whose address in Minneapolis, Minn. has been the official address of the AFMS Incorporation, notified the Federation Directors of his impending change of address beginning January 1979.

The Directors on July 26, 1978 adopted a resolution to make the official address, 1397 Chelmsford St., St. Paul, Minn. This address change is now official.

The new address is that of Armin Steinhauer who was agreeable to be the official address. He is a long-time member of the Minnesota Mineral Club, very active in all phases of the hobby, including responsible and active participation in the affairs of the Midwest Federation.

## Scholarship report

The AFMS Scholarship Fund continues to grow, thanks to all the excellent support from the many clubs and individuals of the Regional Federations, and provide scholarships for students in the earth science fields.

As a testimonial to the accomplishments of the Foundation since it was organized only a short fourteen years ago, the following statistics should be of interest.

A total of 86 students — 73 young men and 13 young women — have received scholarships grants from the Foundation to assist them in their endeavor to gain increased knowledge in earth science fields. Collectively these grants total \$98,650 and cover a span of 126 years of college learning.

And perhaps of greatest importance, only the earnings generated by the principal fund has been expended. The entire amount of your contributions, which as of this report stands at \$273,276.86, is still on hand busily earning money for a furtherance of this work. And with contributions continuing to be received in ever-growing proportions to increase this principal fund — and thus its earnings, the work of the Foundation and the number and amount of the scholarships it grants can also be expanded.

The number of scholarship grants in 1979-1980 will be expanded to ten. Each grant will continue to cover a two-year period with the amount of the grant remaining at \$1,000 per year. They will be distributed to the Regional Federations as follows: California, 2; Eastern, 1; Midwest, 3; Northwest, 2; Rocky Mountain, 1; South Central, 1. This is based on the earnings generated by the contributions received from the respective Federations.

### Students Selected for 78-79 Scholarships

The Scholarship Foundation will be assisting another impressive group of students in their graduate study in Earth Science during the 1978-1979 school year. Each student will receive a grant of \$1000.00 to assist with their schooling, and, if they continue in school for the following year, will receive a similar amount for that year. In addition to the six regular grants to each of the Regional Federations, two special grants have been provided, with Honorary Awards being made to two men who were instrumental in the formation and growth of the Foundation.

These two are Richard W. Burnham of Upper Montclair, New Jersey and William deNeui of Minneapolis, Minnesota. The idea of a Scholarship Foundation for the AFMS had begun in the late 1950's, but progress was quite slow. In 1962 at the Des Moines Meeting AFMS President Russell Trapnell appointed Mr. Burnham to develop plans for achieving the objective of providing grants to graduate students in Earth Science. A preliminary report was presented by Mr. Burnham to the AFMS Meeting in Oklahoma City in 1963 and at the 1964 Meeting in San Antonio the AFMS Scholarship Foundation became a reality. Mr. Burnham then served as first president of the Foundation and saw the first grant given at the 1965 Meeting in Yakima.

Mr. deNeui served as first Treasurer of the Foundation, a position he held for four years, and was Foundation President in 1969-71. He has been on the Investment Committee since the Foundation was incorporated and collected and turned over to General Mills nearly 4 million Betty Crocker Coupons. *Scholarship — Continued on back page.*



Nancy Newberry  
Midwest Scholarship Recipient

## BOOKS

By Russell MacFall



One of the most encouraging developments in the world of the rock and gem collector is the appearance of several state guides of professional caliber. Mention was made in a previous review of *The Mineralogy of Arizona*, by John Anthony, Sidney Williams and Richard Bideaux. Virginia is well represented by R.V. Dietrich's *Minerals of Virginia*. In recent months several other guides worthy to stand beside these have appeared.

One of the most helpful for the amateur is *Mineral Collecting Sites in North Carolina*, by W.F. Wilson and B.J. McKenzie, which may be ordered from the Department of National Resources and Community Development, P.O. Box 27687, Raleigh, N.C. 27611. A twinned emerald crystal in full color ornaments the cover, and inside sites are pin pointed by counties both in the text and in detailed keyed maps. North Carolina, here we come.

*Mineralogy of Pennsylvania 1966-1975* by Robert C. Smith supplements such classics as Samuel G. Gordon's *The Mineralogy of Pennsylvania* by reporting primarily on mineral species discovered in the state since 1975 and the locations where they can be found. Descriptions of the species are well illustrated in color and black and white, along with systematic tables. Publication of the book has been sponsored by a chapter of Friends of Mineralogy.

Not to be forgotten are several other excellent state guides that appeared in 1971 and 1972. *Rocks and Minerals of Michigan* by O.F. Poindexter, H.M. Martin and S.G. Bergquist, published for the state department of Natural Resources by Hillsdale Educational Publishers, Hillsdale, Mich., is a well illustrated, large size pamphlet of 45 pages that replaces an older edition. Clarence E. Miller's *Minerals of Rhode Island*, published by the University of Rhode Island, Kingston, is an exhaustive listing of minerals with a number of maps. Roger K. Pabian's *Minerals and Gemstones of Nebraska* is Educational Circular 2 of the University of Nebraska at Lincoln and is notable for its color, its educational value for the beginner, and its sly touches of humor. We have heard of two more new state guides. More later.

### ANNUAL CLUB FIELD TRIPS ARE HIGHLIGHT FOR OHIO GROUP

One of the clubs which makes annual field trips together to distant areas in the Fort Hamilton Gem and Mineral Society of Hamilton, Ohio. The group has taken well arranged vacation field trips to Wyoming, Arkansas, Missouri and South Dakota, among other places. The carefully planned trips include fee and free areas, cave tours, and group fellowship events. The yield is lots of good cutting materials, minerals and fossils, and greatly increased club interest.

### Scholarship — Continued from Page 1.

Mr. Mark Eugene Cavaleri was selected by Mr. deNeui for one of the special grants as he pursues his Master's degree at the University of Minnesota. Mr. Burnham has chosen the University of Colorado for his special grant and the student is being chosen.



### Midwest Federation

Nancy Newberry received a grant to pursue her M.S. in Mineralogy at the University of Michigan. Nancy is a native of Coldwater, Michigan and completed her undergraduate work at Michigan. Her special interest has been study of barium minerals, and she will be doing assistant teaching in Mineralogy.

Ed Hajic, the 1977 Awardee, is continuing graduate work at work at the University of Iowa, where he will be a research assistant. Mr. Hajic spent his first semester at the University of Illinois, and then transferred to Iowa where his interests include geomorphology, geochronology and Holocene Paleoclimatology. During the past summer he did his thesis field research on paleopedology of the Koster Archeological Site in Illinois.

### UNIVERSAL ROCKHOUND SYMBOL RECEIVING ENCOURAGEMENT



A move to promote a universal rockhound symbol has been receiving some encouragement from various parts of the Federation.

The new symbol, proposed by the Far North Coast Regional Council of Lapidary Clubs in Australia, was designed by Mrs. Jo Robinson of the Lismore Gem and Minerals Society, New South Wales, Australia, has already received some widespread acceptance. As a school teacher, Mrs. Robinson knew the value of a simple uncluttered symbol for instant recognition in any part of the world.

Betty Clauser, Eastern Federation Newsletter Editor, is proposing that the Eastern adopt the new symbol and help promote its use as a sign of friendship and fellowship to our rockhound friends.

The symbol is not intended to replace club or district badges, it complements them by saying "I am a rockhound". No words or mottos are necessary. In a short while, everyone, rockhound or not, will recognize it, thus widening your circle of friends and helping you learn of new locations and ideas.

Many ways of incorporating this design are visualized. Fix it to the outside of your house or fence, display it on your vehicle or make a badge in gemstones or enameled copper.

It is a stylized design of a rock hammer in gold on a background of lapis lazuli blue. "The gold of the earth that so few of us can find and the blue of the sky that everyone can see.

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March 1979 - Issue No. 193

## "Wonderful World of Gems"

Plans for "Wonderful World of Gems" the Midwest Show and Convention in Columbus, Ohio, Aug. 2 - 5 are progressing according to schedule according to Carlton Davis, Show Chairman. The show is sponsored by the Columbus Rock and Mineral Society, Good Earth Mineral Society, Rockwell International Mineral Society and Rolling Stones. It will be held in Veterans Memorial in downtown Columbus.

Speakers will include Paul Desautels, Cornelius Hurlbut, Hohn Sinkankas and Dr. Vince Manson, G.I.A. Exhibits will include those from Smithsonian, Harvard University, Carnegie Museum, Cranbrook, and Gemological Institute of America.

Complete information on the show will be found in future issues of this Newsletter and will be mailed to other interested persons very soon.

Specific information on various aspects of the show can be secured by writing Carlton Davis, Show Chairman, 2452 Buckley Road, Columbus, Ohio 43220.

### OLIVE ELLERSICK

We were sorry to learn of the death of Olive Ellersick, St. Louis, Missouri, on December 8, 1978. Olive was a member of the Earth Science Club of Missouri and a former editor of the ESCOMO Bulletin.

Until a few years ago when she became ill, she was very active in the Midwest Federation having worked on the annual Midwest Directory for many years.

### NAME BADGES

If there are any Midwest Executive Committee members, including Past Presidents, who do not have a new clear plastic name badge for themselves or their spouses please contact Mary McNamar, Chairman Public Image and Courtesy Committee, 3513 57th Street, Des Moines, Iowa 50310.

### AFMS UNIFORM RULES BOOKLETS AVAILABLE

If you do not have a copy of the AFMS Uniform Rules 4th Edition (blue cover) here is an opportunity for you to get a copy. Our Midwest Director of Supplies has a limited quantity available at \$.50 per copy. If you would like a copy, send \$.50 to Clinton Hockett, 725 Stewart Ave., Elgin, IL 60120. This 4th Edition will no longer be in use after Dec. 31, 1979 as a new 5th Edition will be issued early in 1980.

### WELCOME NEW CLUBS

#### TRI-COUNTY ROCK AND GEM SOCIETY

Dean Stevenson, President  
RT. 5, Box 156  
El Dorado Springs, Mo. 64744  
joined January 24, 1979

#### SHABBONA TERRITORY ROCK & GEM CLUB

Marvin Lawyer, President  
101 E. Main St.  
Neward, Illinois 60541  
joined January 24, 1979

#### UPPER THUMB GEM AND MINERAL SOCIETY

Mrs. Jean Reid, President  
4680 Trassmere Rd., Cass City, Mich. 48726  
joined January 26, 1979

### 1979 DIRECTORY AT PRINTER

Most of the copy for the 1979 Midwest Directory has been sent to the printer. Diane Dare, Directory Chairman, plans to have the Directory distributed to all clubs and individuals within a few weeks.



HELP MOVE THE MAIL.....

USE ZIP CODE

COLUMBUS CALLING . . . MIDWEST SHOW AND CONVENTION . . . AUG. 2-5, 1979 . . . COLUMBUS, OHIO

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April 1979 - Issue No. 194

## SPRING EXECUTIVE MEETING

The spring meeting of the Midwest Executive Committee will be held in Elmhurst, Ill. on Sat. April 7 at Elmhurst College. The Executive Committee has been invited to visit the West Suburban Lapidary Club show at Elmhurst College April 7-8.

## 20 CLUBS ADVANCE SCHOLARSHIP STANDING

By Katharine Steinbrenner, Scholarship Chairman

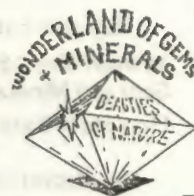
Since the last Scholarship Report in this Newsletter 32 clubs have sent contributions amounting to over \$1700.00 for the American Federation Scholarship Foundation. As a result of their generosity 20 of our clubs have advanced their Scholarship Status as follows:

Brookings Area Gem & Mineral Society	400%
Peru Rock & Mineral Club	3000%
Lawrence County Rock Club	1500%
Stonelick Valley Gem & Mineral Society	200%
McDonnel-Douglas Gem & Mineral Soc.	500%
Wild Cat Geological Society	1000%
Three Rivers Gem & Min. Society	1000%
Esconi	400%
Heart of Wisconsin Gem. & Min. Society	1100%
Midwest Mineralogical & Lapidary Soc.	1200%
Coulee Rock Club	400%
White River Gem Society	900%
Peoria Academy of Science	100%
Huron Hills Lapidary & Mineral Soc.	900%
Missouri Valley Gem & Mineral Society	400%
Rock River Valley Rockhounds	200%
Illowa Gem & Mineral Society	1200%
Blue Ridge Gem & Mineral Club	1000%
Hawkeye Gem & Mineral Club	1100%
Pike County Gem and Mineral Society	900%

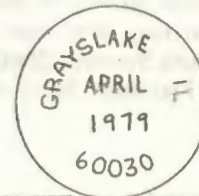
The Scholarship Foundation wishes to express appreciation to all of the Midwest clubs that are so generous in their support of such a worthwhile project. This generosity earned for the Midwest a 500% Plaque. It will be officially presented at the Council Meeting in Columbus, Ohio during the Midwest Show and Convention, Aug. 2 - 5.

★ **THIS IS YOUR LAND** ★  
**KEEP IT CLEAN**

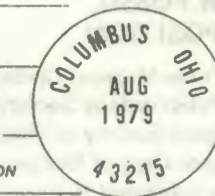
## POSTAL SERVICE O.K.'s SPECIAL CANCELLATIONS FOR TWO MIDWEST SHOWS



'79 SHOW



SHOW & CONVENTION



The Postal Service, realizing the popularity and monetary value of special cancellations, has o.k.'d two such cancellations at Midwest shows this spring and summer.

The Lake County Gem and Mineral Society of Illinois will have a special cancellation at their 14th annual "Wonderland of Gems and Minerals" show April 26 - 29, at the Lake County Fairgrounds. Other philatelic items will be available at the same time according to Grayslake Postmaster Ernest Plotz. In addition to the cancellation a cacheted envelope designed by member James Zradicka will be sold.

The Postal Service has approved another special cancellation that will be applied during the 1979 Midwest Federation of Mineralogical and Geological Societies Show and Convention in Columbus, Ohio August 2-5. The Federation has received notice from John J. Kelliher, Manager of the Retail Branch of Customer Relations Division of the Central Region of the U. S. Postal Service that also, at the show and convention "Wonderful World of Gems", a complete merchandise line including mint sets, stamp collecting kits, the current "Stamps and Stories" book, and all current commemorative and regular issue stamps should be available for sale.

Drawings for these two cancellations, and the one used at the Cedar Rapids, Iowa show last summer were from original drawings by artist Jane Machak, Grayslake, Ill.

## MORE GOOD PROGRAM NEWS

Our Library Program Chairman, Donald Stinnett, is still swapping slide programs with the Northwest Federation. Three new slide programs have been added to the Midwest library. "Thundereggs and Agates" (90 slides); "Crystals and Minerals" (91) slides; and "Field Trip to Last Chance Canyon" (72 slides).

These programs are available for immediate booking by clubs. And, remember, there is no charge for program use. Send your request to E. Donald Stinnett, 29462 Aspen Drive, Flat Rock, Mich. 48134.

## 3 CLUBS COMBINE FOR FOSSIL EXPOSITION

Three Midwest Clubs, Mid America Paleontology Society, Eastern Missouri Society of Paleo., Earth Science Club of Northern Illinois, have combined to present the National Fossil Exposition March 31-April 1. Exposition will be at Tanner Hall, Western Illinois University, Macomb, Illinois. Write Don Good, 410 N.W. 3rd St., Aledo, Illinois, for more information.

## 1,000 RV SPACES AVAILABLE

There will be plenty of space for RV's at the AFMS National Show in Tampa, Florida, July 12-15.

Henry Bonar, Show Chairman, says 1000 spaces are available with full hookups, electric, water and sewer. And if more room is needed additional spaces can be added. All spaces rent for \$5.00

## On with the shows!

By Haydon Peterson

Once again it is time for all of us to start seriously planning the rock and mineral shows we plan to attend during 1979. Planning is really a good idea as you will want to make hotel, motel, or camping reservations to assure yourself of accommodations when you arrive at your show destination. Also to make reservations for the banquets, editor breakfasts and other luncheons, dinners and special events that include field trips at some shows. Many of these activities have limited space and when it is filled you will miss out if you don't plan ahead.

The American Federation with its six Regional Federations provides an opportunity for nearly every rock, mineral and fossil collector to attend a major regional show within a reasonable distance from their home.

May opens the Regional show season in 1979 as the South Central Federation presents its show May 18 - 20 in the Civic Center, Abilene, Texas. It is hosted by the Central Texas Gem and Mineral Society. For further information write to Harry Elliott, Jr., 4th Floor, First State Bank Bldg., Abilene, Texas 79602.

The second Regional show of 1979 will be in Rapid City, S.D. opening June 8 and continuing through June 10. This is the Rocky Mountain show, with the host, The Black Hills Mineral Society and is titled "The Black Hills Gold Rush" show. It will be held in the Rushmore Plaza Civic Center, Show Chairman is Wayne Olson, Box 9, Keystone Rt., Rapid City, S.D.

The show activity moves to California for 1979's third Regional later in June. "Fantasy in Jade" opens June 22 in Sacramento and continues through June 24 at the Cal-Expo Bldgs. A-B-C. Host for this California Federation show is the Sacramento Mineral Society. Show Chairman is R. G. Hendrix, 5401 Henderson Rd., Sacramento, Calif. 95838.

July brings the American Federations annual national show in combination with the Eastern Federation in Tampa, Florida. Dates are July 12 - 15 and it will be held at the huge 275 acre Tampa Fairgrounds. It is hosted by the Tampa Bay Mineral and Science Club and show chairman is Henry Bonar, P.O. Box 11297, Tampa, Florida 33680.

Then in August the Regional show spotlight is on the Midwest Federation as they present their show in Columbus, Ohio at Veterans Memorial in downtown Columbus. "Wonderful World of Gems '79" is the title given this show for its four day run, Aug. 2-5. Show Chairman is Carlton Davis, 2452 Buckley Rd., Columbus, Ohio 43220.

The Northwest Federation closes the 1979 Regional show season with their show in Kennewick, Washington, Sept. 1 - 3. For this Labor Day weekend show they have titled it "Heavenly Gems". Host at this show is the Horse Heaven Gem and Mineral Societies. Show Chairman is Sid Foreman, 114 N. Olympia, Kennewick, Washington 99336.

So, there you have it. Six great Regional shows for you to enjoy. Attend as many as you can. All show chairman are working with dozens of club members and others, planning top quality exhibits, many special events, bringing in dealers from all over the country, to make these shows the finest you've ever attended.

## What is your definition of a good federation club?

Would you like a little contest? Then let's have one!  
Write your definition of a GOOD FEDERATION CLUB  
... 100 words or less.  
Below your definition write your name, and address,  
the name of your club and you Region.

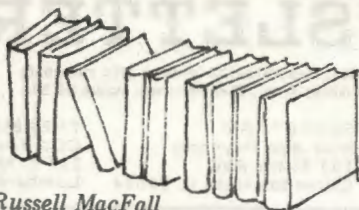
Then mail your entry to me at the address below.  
THE DEADLINE IS JUNE 1, 1979. The postmark will control.

Entries will be numbered as they are received and all entries will be submitted to a panel of six Federation judges. The judges will not know the names on any entry.

There will be some awards and lots of publicity!  
Mail your entry before June 1, 1979 to: LaDocia Ellis, AFMS Education Chairman, 1350 Bidwell Ave. Chico, California, 95926.



## BOOKS



By Russell MacFall

Mineral collectors are fortunate to have available several new state guidebooks that have just come to this reviewer's attention. **Minerals of New York State** (Ward's Natural Science Establishment, Rochester, N.Y., \$7.95) is written by David E. Jensen with photographs by Kay Jensen, both former presidents of the Eastern Federation of Mineralogical and Lapidary Societies. Jensen has included a history of mineralogical research in New York State with brief biographical sketches of many of the notable figures and organizations that have laid the foundation for his account of the major formations and mines of the state, followed by a detailed descriptive mineralogy and bibliography. Mrs. Jensen's photographs include 16 pages in color and nearly 100 in black and white.

**Minerals of Georgia** by Robert B. Cook (Bulletin 92 Geologic and Water Resources Division, Dept. of Natural Resources, Atlanta, \$5.00) is virtually a monograph of the reported occurrences of minerals in that state. Published in large format with color illustrations on the front and back cover, it gives detailed location information taken from an exhaustive inquiry into the reports from the nation's first gold rush in Georgia in the 1820's until the multimillion dollar industrial mineral exploitation of today. In its completeness it is a model for state guides.

Only a couple of years older is the excellent **Mineralogy of Michigan** (Bulletin 6 Department of Natural Resources, Geological Survey Division, Lansing) by Prof. E. William Heinrich of the University of Michigan. After an account of the basic geology of the state and the history of prospecting and mining there, Heinrich describes minerals alphabetically rather than in the systematic fashion used in the Georgia guide. Like Jensen's book, it is the convenient octavo size. The bibliography is excellent.

One more word: **Dictionary of Geological Terms**, Revised edition, Anchor Books, Garden City, N.Y. paperback, is a handy book to have in your library.

## SCHOLARSHIP RECIPIENT

*This is a letter to Russell MacFall from our Scholarship recipient for 1978-79, Nancy Newberry.*

I was very happy to find out that I will be receiving the scholarship of the American Federation of Mineralogical Societies for this year, and happy to help you by answering any questions you have about me.

I am from Coldwater, Michigan, a moderately small town in the lower peninsula, where I graduated Valedictorian of a class of about three hundred students. I was a rather typi-

## ARCHEOLOGY GETS A BOOST IN SOUTH DAKOTA

*From Rock Dust — Sioux Empire Gem & Mineral Society, Sioux Falls, S.D.*

Lyle Cheever, retired district judge in Brookings, S.D., is an amateur archeologist. He was concerned when he learned there were no records of archeology finds in the northeast part of South Dakota. While picnicing at Oakwood Lakes last summer, a member of his party found some pottery. Experts were called in who turned up a 1,000 year old village site which has been nominated for listing in the National Register of Historic Places. He says they've located four village sites in Deuel County alone.

Bob Alex, state archeologist, said South Dakota is the only state in the nation without an anthropology major. The U of SD will offer twelve anthropology courses next semester and wants a major in the field authorized by Board of Regents.

Archeologists are proposing an out-reach program to train amateurs to help salvage important sites before erosion, vandals or developments ruin them forever. Mr. Cheever believes amateurs should very much be discouraged from doing individual digging, but there aren't enough trained archeologists to follow up every lead.

It is important to know that when a person comes across a find like these people did — pottery: two little potsherds about the size of a nickel — that it should be reported to an archeologist so a search might be made and the digging and recording done in a way so records can be kept. Darrell Fulmer, who is an archeologist at a village site near Mitchell said, "Artifacts get amateurs into it. But there's more than artifacts. Soil chemistry, magnetic anomalies in the soil, pollen, snails — these things take expertise, and once the site is disturbed they mean nothing."

Amateurs can dig, but an expert needs to be with them to show them how.

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cal active high schooler, having participated heavily in theater, dance, lab assisting, art and at least attempting to rule the world by running in many races for student government.

I have spent my last four years at the University of Michigan and am now twenty-two. During my study here I have earned the Branstrom Freshman Prize and other honors; and am fortunate to work with Dr. Donald Peacor on a research project which will be completed this fall. I will be continuing here in a Master's Degree program and will be assisting in teaching Mineralogy.

My interests outside geology are numerous and varied. I am particularly interested in the old (and once more necessary) arts of spinning, dyeing and handweaving. I am restoring an antique loom which I hope will be very useful. I read extensively, have recently been tackling thirty mile bicycle trips and learning bicycle mechanics and enjoy swimming and sailing. I am a member of Delta Gamma Fraternity and have held the offices of Scholarship chairman and Vice President.

I was surprised to read that you are familiar with the name Newberry. Unfortunately, the renegades of my family are unrelated to these well known and philanthropic people. How did you happen to know your Michigan history?

I would like to thank you again for your support and will certainly keep you informed of any future publications or discoveries.

# Midwest Federations NEWSLETTER

Published montly except July and August as a service to member clubs. All news, articles, subscription orders and requests for information should be sent to the Editor, Haydon Peterson, Parrot Printing, 2125 Forest Ave., Des Moines, Iowa 50311

**PRESIDENT**  
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P.O. Box 527  
Elm Grove, WI 53122

**SECOND VICE PRESIDENT**  
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**SECRETARY**  
Miss Jean Reynolds  
107 Tuttle Ave.  
Clarendon Hills, IL 60514

**TREASURER**  
Otto Ensminger  
229 E. Madison St.  
Lombard, IL 60148



May 1979 - Issue No. 195

## 1979 DIRECTORY DISTRIBUTED: YOURS SHOULD HAVE BEEN RECEIVED

The 1979 MWF Directory has been completed and by now your club should have their two free copies. These are sent to the person designated on the information sheet to receive Federation Mail. It is up to that person to see that the Directories are given to the right people or placed in the club library or otherwise made available to the club members.

Our thanks to all the people who filled out and sent in information forms! A special thanks to those who sent them in early, and those who completely spelled out city names (sometimes a common local abbreviation can be confusing).

Please check your club's listing in the green pages, your show/event listing in the Calender, and your MWF committee listing -- if it is not correct, please let me know. Diane Dare, Directory Chairman, 747 E. Blackford Ave., Evansville, IN 47713.

## CORRECTIONS FOR THE 1979 DIRECTORY:

The following information was received after the Directory went to press.

### CREDENTIALS COMMITTEE:

Mrs. Esther (Robert) Mullaly, 30018 Dawson St., Garden City, MI. 48135  
Asst. Mrs. Ethel Becker, 558 Southbrook Dr., Kirkwood, MO. 63122  
Asst. Mrs. Iris (Dean) Riely, 7030 Brantford Rd., Dayton, OH 45414  
Asst. Miss Susan Jolene Taylor, 910 New Hampshire St., Lincoln, NE. 68508

**JUNIOR ACTIVITIES:** Correct Zip for Virginia Popp is 60618

**LONG RANGE PLANNING:** Chairman is Howard Taylor. Assts. are Hazel Kuntz, and Past President Paul Good, 1029 Reder Rd., Griffith, IN. 46319

**PROGRAM REQUESTS:** Correct Zip for Ervin Moser is 49639

**BOUNDARY COMMITTEE:** Calvin George, 5 - S. 144 Webster, Naperville, IL. 60540

**NOMINATING COMMITTEE:** Mark Harris, 607 Marion Drive, Columbia, MO 65201

## MIDWEST SHOW PROMISES TO BE OUTSTANDING

The host clubs of the Midwest Convention, scheduled for the Columbus, Ohio Veterans Memorial Auditorium, August 2-5 have made some of the most extensive, original and excellent plans ever made for a top flight show. The Columbus Rock and Mineral Society, the Good Earth Mineral Society and the Rockwell International Gem and Mineral Club have spared no effort or expense in preparing for one of the most complete and memorable shows ever seen.

Hundreds of displays are expected, including exhibits from many major museums and universities, and to spur competition there are innovative new classes. Cash awards will be made for the best single mineral, and fossil, and artifact, all self collected, and for the best single piece of hand crafted jewelry, and original lapidary work. Qualified and experienced judges are assured for all classes. The speakers list reads like the Who's Who of the twin worlds of earth science and lapidary art. Continuous programs will include movies, slides, lectures, panel discussions, seminars

and demonstrations. Topics covered will be varied and comprehensive, from the oldest in Ohio archeology finds to the newest fake gems, from well known fossils to the mysteries of radiation, from field trips to metalcraft. No special interest has been neglected.

Auctions, swaps, meetings, and a banquet with an important and entertaining speaker are also on the crowded 4 day schedule. Even the printed souvenir programs are of exceptional interest.

Columbus is the beautiful Capital of Ohio, situated on the Scioto and Olentangy Rivers. Accomodations of all price ranges are readily accessible. For more information please write Show Chairman Carlton Davis, 2452 Buckley Dr., Columbus, Ohio 43220.

## JERRY HUBER

We have just learned of the death of Jerry Huber, Hoyt Lakes, Minn. Jerry served as Assistant State Representative for Minnesota during 1965-66. He was the Midwest Treasurer two years, 1966-67 and 1967-68.

## ***New program***

"The Fossil Story" is the name of our newest program; with 59 slides depicting fossils, locations, basics on their history. The author, Arlene Buehler, the immediate past Michigan State Director, says she uses this with her high school talks, but many adults would enjoy this also. An excellent follow up would be "Michigan Alpena County Fossils - 89 slides."

Send your request for this program, and all others, to Donald Stinnett, 29462 Aspen Drive, Flat Rock, MI 48134. Remember, there is no charge for the use of any Midwest program.

## **SCHOLARSHIP FOUNDATION SELECTS HONORARY AWARD WINNER FOR MIDWEST**

The AFMS Scholarship Foundation has selected Dr. Dwayne D. Stone of Marietta College, Ohio as the Honorary Award Winner from the Midwest Federation for the year. There will be ten scholarships awarded this year to students working on advanced degrees in one of the Earth Sciences. It will be Dr. Stone's responsibility to select the three who will be chosen from this federation's territory. Fossil exhibitors and collectors are well aware of the great contribution to our hobby that Dr. Stone has made since he started judging competitive exhibits in 1967. His wideranging knowledge and meticulous attention to detail has helped every serious collector in the federation.

## **NEW TROPHIES FOR MIDWEST FEDERATION EXHIBITORS**

At the Midwest Federation Show this August in Columbus, Ohio there will be several new trophies available to be earned by competitive exhibitors. All of the trophies awarded by the AFMS will have Midwest counterparts. See Part IV page 53 of the Uniform Rules Book for a listing of these 25 categories. In addition we will continue to have the Midwest trophies for Self-collected Fossils as well as one for Archeology.

## **DR. ELLWOOD T. REES ACTING AFMS PRESIDENT**

Dr. Ellwood T. Rees, Executive Vice President of the AFMS, has assumed the duty of Acting President of AFMS. Dr. Rees lives in Twin Falls, Idaho, with his wife 'Freddie' and is well known in the Federation. He is well qualified to assume this position. He has contacted the present committee chairman and has requested they continue to serve in their various capacities.

## **SCHOLARSHIP**

In order to save time and errors, our Midwest Scholarship Chairman, Katharine Steinbrenner, would appreciate it when you send scholarship checks or write for scholarship information that you be sure to include the name of your club and the number of members in your club. Address all your correspondence and send all your checks directly to Katharine Steinbrenner, 2813 Patricia Drive, Des Moines, Iowa 50322

## **NOTES FROM THE SUPPLY CHAIRMAN**

The AFMS approved Reference List of Lapidary Material Names, better known as "Gem List", Fourth Edition, 1978, off-white in color, is available at a tentative price of 75c, plus postage and handling. Postage on a single copy is 20c, so the price of one copy would be 95c total. However, seven copies can be mailed to a single address for 50c. Thus, seven copies would be \$5.75.

The 1977 edition of the Uniform Rules, blue cover, are available free. Four copies can be mailed to a single address for a 50c postage and handling charge. These books are not valid after December 31, 1979.

The AFMS Exhibitors Manual is now out of print. This manual is to be revised and reprinted at some later date.

The above items can be ordered from Clinton Heckert, 725 Stewart Ave., Elgin, IL 60120. Please include check with order in the correct amount. Do not ask for shipments in July as Clinton is on vacation.

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## **ELLIS COURTER, AFMS PRESIDENT, DIES**

Ellis W. Courter, our American Federation President, died March 21 in Providence Hospital, Southfield, Mich. Ellis suffered a heart attack last summer in Butte, Montana while on a vacation trip that was to take him to Pleasanton, Calif. for the AFMS annual convention in July. After several weeks hospitalization in Butte he returned home. However, his heart condition made it impossible for him to survive when he contracted pneumonia.

Ellis is survived by his wife Clara, a daughter Kay Borough, of near Detroit, a son Gerald W. of Georgia, and nine grandchildren.

He served as President of the Michigan Mineralogical Society for two years and was editor of the official publication of that society, "The Conglomerate" for ten years. He served the Midwest Federation in several capacities and was elected its President in 1968. He became a Regional Vice President of the AFMS in 1974 and progressed through the chairs to his election as its President in 1978.

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## **PICK AND DOP STICK PUBLICATION**

The Pick and Dop Stick of Chicago published a useful list of mineral publications available for Illinois and its neighbor states, taken from the most helpful nationwide list made by A.E. Smith and D.R. Cook for the January-February Mineralogical Record.

OFFICIAL PUBLICATION

of the  
ISHPEMING ROCK AND MINERAL CLUB, INC.  
Published Quarterly

OFFICERS & COMMITTEE CHAIRMEN - 1979

President	Robert Phillips, 405 S. Rose	Ishpeming
First Vice President	Olive Sain, 818 W. Kaye	Marquette
Second Vice President	Bruce Spike, 197 Midway Dr.	Negaunee
Secretary	Laurence Sain, 818 W. Kaye	Marquette
Treasurer	Arnold Mulzer, 322 Rock	Marquette
Publicity	Olive Sain	Marquette
Finance	R. R. Anderson	Marquette
Field Trip	Frazier Tubbs	Negaunee
Safety	Leonard Bartelli	Marquette
Curator	C. R. Markert	Ishpeming
Scholarship	Marian Markert	Ishpeming
Hostesses	Ingrid Bartelli and Olive Sain	Marquette
Education		
Librarian	Ernie Johnson	Marquette
JASPILITE Editor	Sandra Phillips	Ishpeming
Publishers	Laurence & Olive Sain	Marquette
Exchange Bulletin Editor	Helen Johnson	Marquette
Liaison Officer	Carlton Gutman	Marquette

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

Meetings: Business meeting: 1st Friday of the month, 7:30 p.m.  
at Bothwell Middle School, Marquette  
Program & activity meeting: 3rd Sunday of the month at  
2:00 p.m., Bothwell Middle School, October-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 and wife annual dues . . . . . 3.00
- Adult annual dues . . . . . 2.00
- Junior annual dues . . . . . 1.00

Material in this bulletin may be copied provided full credit is given to the author and the bulletin.

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

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EDITOR'S MESSAGE

We have not had a volunteer for the job of JASPILITE editor, and until we do this will be the last JASPILITE you will receive. I am sorry that there has not been more interest shown in keeping the JASPILITE alive. It will be missed by many.

At this time I am just unable to continue as editor because of other responsibilities. I have enjoyed working on the JASPILITE. It has been a source of pride to me, and I appreciate the Club's confidence in me.

To all the members who faithfully contributed articles and to those who submitted special articles, thank you.

Sandra Phillips

THE PRESIDENT'S CORNER

By Robert Phillips

It seems only a short time ago that the Club voted to host a show in 1979. Now it is April, and by the time this JASPILITE is out the dealers will have been chosen and the contracts let. The Ishpeming Armory is ours for the show, and I sincerely hope we fill it all weekend, not only with Club members and other interested rockhounds but with local residents, vacationers, and out-of-town guests. I want this area to realize once again that the minerals of Mother Earth are not only the natural building blocks of our society but can provide unlimited pleasure to many who choose to make minerals and rocks their personal hobby. Pride is a great thing when it is constructive, and we have enough pride to build a good show.

Unless someone steps forward or the Club finds an alternate method

of producing our JASPILITE, this appears to be the last quarterly issue for a time. Sandy has done an excellent job, and I know the Club has expressed that many times. Thanks, Sandy, for the many fine issues.

Bruce and Frazier have lined up a very active field trip schedule for this year. Thanks fellows.

This should be a great year for the Ishpeming Rock and Mineral Club. I am looking forward to it and I hope you are too.

NOTES FROM THE SECRETARY'S MINUTES

By Laurence Sain

January 5, 1979--Business meeting

Received letter of resignation from JASPILITE editor, Sandra Phillips.

Rates for advertising in the JASPILITE set as follows: full page \$10, half page \$5.50, quarter page \$3, minimum \$1.

New field trip chairman needed as Tony's work schedule prohibits his continuance.

April program meeting set for the 22nd because of Easter.

Assignments made for U. P. show.

January 21, 1979--Program meeting

Slide program on calcite, narrated by Bob Phillips. Beautiful and interesting display of specimens. Frazier and Dorothy Tubbs provided the door prizes.

February 9, 1979--Business meeting

Attention called to Silent Auction February 18.

Field trip chairmen Frazier Tubbs and Bruce Spike presented a program of field trips for 1979.

Show plans continued; brochures authorized.

February 18, 1979--Program meeting

Annual Silent Auction was held, proceeds \$215.

Proceeds to be used for Midwest and Local Scholarship Funds.

Bob Phillips furnished door prizes.

March 2, 1979--Business meeting  
Still seeking a JASPILITE editor.

N.M.U. scholarship recipient selected to be awarded at U. P. Gem and Mineral Show. No reply from M.T.U.

Show business took up considerable time.

Club authorized purchase of a trim saw for the Bothwell Middle School's lapidary classes.

March 18, 1979--Program meeting

Slide program on silver work narrated by Dorothy Tubbs.

Jim Bowns gave a demonstration and answered questions.

Pat Bemis furnished door prizes.

#### BITS AND PIECES

By Arnold Mulzer

We often hear the expression of the good old days when a dollar was worth a dollar, postage was 2¢ and gas 20¢ a gallon; a new auto could be bought for \$500. Those days are gone forever, but do you realize that our club dues are the same today as they were three decades ago when the club was founded. Postage today is 15¢, gas is 80¢, a new car \$6,000 and more, and the good old Ishpeming Rock and Mineral Club's dues are still \$3 per couple. How long can this last? Something to think about. When will or when should the good old days of the IRMC end.

In checking over our membership I find, percentage wise, Marquette leads with 48%, Ishpeming has 20%, Negaunee 10%, Gwinn 5%, and out of county 17%. I am wondering if a name change is in order.

Since joining the rockhounds I have accumulated a collection of rocks and minerals of several states and a few foreign countries.

In the last month I have added some shells from the beaches of Florida. While there I met up with Nelson and Marion Short who spent the winter in Florida. We were together three days and took in places that were not on the bus tour.

Dates to remember: June 23 and 24 Annual Seminar of Michigan Geology and Gemcraft Society hosted by Mid-Michigan Community College, Harrison, Michigan; August 11 and 12, 11th U. P. Gem and Mineral Show hosted by the Ishpeming Rock and Mineral Club, a must for all members.

#### IRMC 1979 FIELD TRIP SCHEDULE

Sunday, May 20, 9:00 a.m.--Meet at the intersection of Highway 41 and Beacon Hill Road in Champion. Program for the day: 1) Go to the mines north and south of Champion 2) Picnic at Van Riper State Park 3) Go to one or two of the following places: Lake Michigamme for staurolite, garnet area at Michigamme, Ohio Mine.

May 26, 27 and 28, Memorial Day Weekend--(to be joined by other MWF clubs). Headquarters: McLain State Park. Trips start from McLain promptly at 9:00 a.m. and will last all day, at some of these hunting areas: Laurium, Cliff, Phoenix, Central, Central Silver and Ojibway mines. Also possible trips to Owl Creek, ancient mine pits for stone hammers and possible copper artifacts, Lake Superior beaches for agates and polishing stones.

Saturday, June 16--All-day trip to the Republic Pit. Meet at 9:00 a.m. at Koski's Korner.

Sunday, July 15--Meet at 1:00 p.m. at the Miracle Shopping Center in Ishpeming for an afternoon trip to

the Ropes Gold Mine and the Verde Antique Quarry.

August 11 and 12--Field trips in conjunction with the U. P. Show. Same trips both days lasting about three hours to some of these locations:

A look at the Tilden Pit, Ogden Pit for magnetite, a look at Jasper Knob, Ropes Gold Mine, Verde Antique Quarry, Lindberg Pit for kona dolomite.

Register for the trips at the show. Cost: \$1 per person.

August 14-21--Tour around Lake Superior with rock hunting and camping in Canada.

September 1, 2, and 3--Labor Day weekend. Trip to Cloquet, Minnesota for agates.

Sunday, September 16--Color Tour. Meet at the Midway Supper Club at 9:00 a.m. Trip to Alberta for pyrolusite and Silver Mountain west of Baraga Plains via back roads.

Sunday, October 14--Location to be announced.

In keeping with the energy-saving policy, we suggest you get together with other club members and fill your car!

For any further information call one of the field trip chairmen. Meet promptly at the designated times and places. If for some reason you must be a little late, call one of the chairmen so you won't be left behind.

Bruce Spike 226-3933

Frazier Tubbs 475-4954

Field trip co-chairmen

REMEMBER: 11th U. P. Gem and Mineral Show, August 11 and 12, Ishpeming Armory. We need your help!

### CALENDAR OF IRMC BUSINESS MEETINGS

May 4 (Friday)--Business meeting, Bothwell Middle School, 7:30 p.m.

June 1 (Thursday)--Business meeting, Bothwell Middle School, 7:30 p.m.

July 5 (Thursday)--Business meeting, Bothwell Middle School, 7:30 p.m.

August 2 (Thursday)--Business meeting, Bothwell Middle School, 7:30 p.m.

### 11th ANNUAL U. P. GEM AND MINERAL SHOW ASSIGNMENTS, August 11 and 12

L. W. Sain, General Chairman.  
 Jim Bowns, Assistant Chairman.  
 Frazier and Dorothy Tubbs, Judging Chairpersons and Special Displays.  
 Mike Elliott, Exhibits Chairman; Assistant Bob Phillips.  
 Robert Phillips, Dealer Chairman; Assistant Bob Markert.  
 Arnold Mulzer, Show Treasurer and Swap Chairman.  
 Carlton Gutman, Program Chairman.  
 Ernie and Helen Johnson, Publicity and Brochure Chairpersons.  
 Olive Sain, Registration and Tickets Chairperson; Assistants Eleanor LaChance, Marie Spike, Dorothy Bowns, Pat Elie, Barbara DePetro, and Lilly Johnson.  
 Ray R. Anderson, Silent Auction Chairman; Assistants Audubon Jenkins, Tony LaChance, and George Ruskka.  
 Joseph LaChance, Set-up Chairman; Assistants Francis DePetro, Joe Dunham, Pat Bemis (helpers-the whole club).  
 Ingrid Bartelli, Clean-up Chairperson; Helpers-all club members.  
 Bruce Spike, Field Trip Chairman.  
 Allan Korby, Treasure Trove Chairman; Assistant Art Wiig.  
 Arnold Mulzer, Touchstone Chairman.  
 Charles Waters, Concessions Chairman.

(continued)

Leonard Bartelli, Security Chairman and First Aid.  
L. W. Sain, correspondence and liaison.

Information booth combined with Registration and Admissions.

All Chairpersons shall constitute the Show Officials for decision making.

If anyone is in doubt of his or her duties please contact the General or Assistant Show Chairmen for information.

L. W. (Larry) Sain, Chairman

### TREASURE TROVE

Our show this year will include a Treasure Trove such as we have had in previous shows. New members probably wonder what a Treasure Trove is. It is a place in the show for a pile of rocks in which people may browse and hunt for specimens they would like to purchase for a small price. These specimens are donated by the club members.

Here's an opportunity to high grade your collections and get rid of those things you didn't know what to do with. Rocks for the Treasure Trove should be those that aren't good enough for auctions or swapping but are too good for road fill. Start now to do your sorting.

Allan Korby is our capable Treasure Trove chairman. He said there will also be grab bags and he would appreciate your contributions to those as well as the Treasure Trove. Grab bag specimens should be smaller ones.

Another thing that is needed are small paper bags for the grab bags

and medium-sized ones for the Treasure Trove purchases. Start saving bags now!

Allan is going to need help in filling the "Grab bags" and in looking after the "Treasure Trove" during the show. Keep this in mind and volunteer your services.

### WANTED: PICTURES OF CLUB ACTIVITIES

Frazier is going to make a display of Club activities for our show in August. If you have any suitable pictures we hope we may borrow them for the display. If you have slides of Club activities, let Frazier see them and perhaps prints could be made from them for the display. Do keep this in mind and help to make an interesting display for the show.

Dorothy Tubbs

### PATCHES AND DECALS

We still have some patches and some decals for sale to Club members. The patches are cloth, can be sewn onto jackets, etc., and sell for \$1 each. The decals (with peel-off back and self-stick) can be applied to any hard surface and sell for 40¢ each.

Why not get yours early for summer collecting? Call or write Ernie Johnson. Also, he will bring them to each meeting and have them on sale.

Submitted by Helen Johnson

### WORK BEE, MAY 4

At the May 4 business meeting, we will have a small work bee to help our publicity people prepare for the 79 Gem Show. Each one present will be asked to fill out and address about four post cards to



friends and acquaintances. Post cards will be furnished. Bring your telephone book, address book, and a good pen.

### WOULD YOU VOLUNTEER TO BE A GUIDE?

Bernie Smith is in charge of an international symposium to be held at NMU the week prior to our 79 Gem Show. Bernie would like to contact some Club members to see if they would be willing to act as field guides to the out-of-towners as some have expressed an interest in collecting mineral specimens in our area. If you are interested, please call Bernie Smith of Marquette direct.

### LIBRARY NEWS

Did you know that the library has a small file on how to make various display stands for individual specimens from everyday things? You might make use of this file in preparation for the coming 79 Gem Show.

### YOU ARE INVITED TO ACTIVITIES OF OTHER U. P. CLUBS!

The Baraga County Gem & Lapidary Club will have a swap on August 4 from 10:00 a.m. to 4:00 p.m. It will be on Highway 41 between L'Anse and Baraga near the Lac Vieux Motel and Cabins.

The Copper Country Rock & Mineral Club will have its fourth annual Rock-O-Rama on August 5 from 9:00 a.m. to 3:00 p.m. at the Sacred Heart School parking lot in Calumet. The lot is on Highway 41 and Lake Linden Avenue. There will be buying, selling and trading. Admission is free to the public but there will be an entrance donation for those who want to sell and/or

swap. Swappers and sellers are asked to furnish their own tables.

Mark the dates on your calendar and support these activities of our neighboring clubs if you can.

Florence Hill, our State Director, suggests we save gasoline this summer by doing some car pooling. Let's get together and fill our cars when going on field trips and activities of our club as well as others.

Submitted by Frazier Tubbs,  
Assistant State Director

### MGAGS SEMINAR, JUNE 23 and 24

This fifth annual educational seminar will be at the Mid-Michigan Community College in Harrison. There will be classes of interest to everyone in the rock hobby and an opportunity to meet friends from other clubs as well as to make new friends.

### A TRIP WE WILL ALWAYS REMEMBER

By Eleanor and Tony LaChance

On July 17, 1978, at 1:30 p.m. we left Marquette on our long-planned trip. The second night out we were at the Grotto of the Redemption in West Bend, Iowa. There are no words or pictures that can explain the beauty of this masterpiece of rock and workmanship either by day or night.

We left Iowa and headed for South Dakota where we stopped at Mitchell to see the Corn Palaces and then went on to the Bad Lands. The weather was very nice until we arrived in Rapid City. It was four o'clock in the afternoon, oneway traffic, cars parked on both sides of the street, and raining so hard that you couldn't see two car lengths in front of you. Traffic

was bumper to bumper, but luck was with us and we got in the right lane. We stopped at a little place called Rockerville about ten miles south of Rapid City, population 75 to 100. This place was one of the highlights of the trip. It was an old gold mine town. For \$2 you could pan for gold. They also had a hanging platform on the street with staged gun fights and stagecoach rides where bandits would stop and rob the stagecoach--a real fun place to stay.

We took in all the sights in and around Rapid City and Mount Rushmore. Then we left and went to Custer State Park and on to Fairburn. We picked agates but no fairburn. The temperature was 110 degrees, too hot to stay long, so we stayed just one day and night. We left and went to Corford, Nebraska. We were hoping the temperature would drop, but it didn't. It was too hot to cook meals, and that made El real mad--had to eat out.

We crossed over to Nevada and up to Twin Falls, Idaho, then north to Salmon. It was a very beautiful drive. The Salmon River was just grand.

We headed north to Missoula, Montana, and then west on highway 12 over into Washington State to my brother's house in Hoquiam on the coast. We stayed there two weeks and also took in the Shelton Show. It was small but the displays were beautiful.

We left Hoquiam on the 21st of August and started down the Oregon Coast with my brother and his wife. They are also rockhounds.

The view overlooking the ocean was fantastic all the way down the coast to California. The Redwood

Forest was our next stop. We stopped at the Trees of Mystery, the shrine of the Redwood Highway.

From there we crossed over on highway 299 to Alturas. This was a very nice drive also. We did a little rock hunting at an old mine. We also stopped and picked up some large pine cones. We left Alturas and headed north on 395 to Davis Creek. We stayed five days at Plume Valley Campgrounds where we got a lot of green and pink rainbow and needles of obsidian.

Prineville, Oregon, was our next stop for limb cast. We stopped a mile past 51, but the farmer had the gate locked. We had to go a mile past 43 and then went in from the back way. We stayed there five days and got some nice limb casts. The weather was grand.

Our next stop was Homedale, Idaho, where we picked up some plume agate. We also had two blowouts on the trailer--too many rocks I guess.

We left Homedale and also my brother and his wife. They went up to Orofino to look for garnets, and we started east to Spencer. We wanted to get some opal before we returned home. We got one nice piece and some small ones. This was our last rock-hunting stop on this trip. We arrived home on September 8. We traveled over a lot of new country, 14 states, 7,776 miles in 54 days. We had a good time, but it was also nice to get home.

**REMEMBER:** SAVE YOUR PAPER BAGS FOR USE AT THE GEM SHOW. THE SILENT AUCTION, THE TREASURE TROVE, AND THE GRAB BAGS CAN ALL MAKE USE OF THEM.

WE ALSO NEED YOUR TIME, SO PLEASE VOLUNTEER TO WORK AT THE SHOW.

CALENDAR OF EVENTS

- May 12 and 13      SHOW      KALAMAZOO GEOLOGICAL & MINERAL SOCIETY, County Center Bldg., Fairgrounds, 2900 Lake Street, Kalamazoo, Michigan.
- May 18 thru 20      SHOW      MIDWEST MINERALOGICAL & LAPIDARY SOCIETY OF DEARBORN, Dearborn Youth Center, 15801 Michigan Ave., Dearborn, Michigan.
- June 23 and 24      SEMINAR      MICHIGAN GEOLOGY & GEMCRAFT SOCIETY, Mid-Michigan Community College, Harrison, Mich
- July 6 thru 8      SHOW      STONE HEAD LAPIDARY & MINERAL CLUB, Mineral River Plaza, White Pine, Michigan.
- August 2 thru 5      SHOW      MWF SHOW & CONVENTION, Veterans Memorial, 300 W. Broad Street., Columbus, Ohio.
- August 4      SWAP      BARAGA COUNTY GEM & LAPIDARY CLUB, Highway 41 between L'Anse and Baraga near the Lac Vieux Motel and Cabins, from 10:00 a.m. to 4:00 p.m.
- August 5      ROCK-O-RAMA      COPPER COUNTRY ROCK & MINERAL CLUB, Sacred Heart School parking lot in Calumet, from 9:00 a.m. to 3:00 p.m.
- August 11 and 12      SHOW      ISHPEMING ROCK AND MINERAL CLUB, National Guard Armory, U.S. 41 Highway, Ishpeming, Michigan.

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DID YOU KNOW?  
By Jim Bowns

Iron and steel expand when heated and contract when cooled. Your car is more than one-eighth of an inch longer on a very hot summer day than it is on a cold winter day.

When the Spaniards invaded Mexico, they found the Aztecs possessed knives of iron which they valued higher than gold.

The first iron casting made in the United States was an iron pot.

Iron pyrites, a compound of iron and sulphur with a golden-yellow

color, was mistaken for gold by the early prospectors. It was called "fools gold." Pyrite was used in ancient times to strike fire and in wheel lock guns in place of flint.

The iron pots and pans in the King's palace were classed among the Royal Jewels during the reign of King Edward III of England.

An iron compound produces the deep blue coloring material called "Prussian blue," sometimes used for dyeing and for laundry bluing.

Part of an iron bracelet and dagger were found in the Tomb of Tutankhamen.

AMBER

Amber is the fossilized sap of coniferous trees which existed millions of years ago. Besides being very valuable to paleontologists for the inclusions of prehistoric insects and plants, it makes a nice gem coming in shades of yellow, orange, brown, and the rarest of blue.

From amber, paleontologists are able to tell much about the flora and fauna of the prehistoric periods. One famous find was made by two New Jersey rock hounds who discovered a piece of amber in a clay formation. Entombed in the piece of amber was an important link in the evolution of ants known as *Sphecomyrma freyi*. This half-inch long ant, with stinger, existed during the Cretaceous Age.

At one time, amber was worth more than slaves. Amber has fascinated man since Roman times. Amber is very brittle and requires mining by shovel and pick.

From The Rockatier, Hawthorne, CA, via International Club Digest's World of Treasures.

A ROCK STAND FOR DISPLAYING SPECIMENS

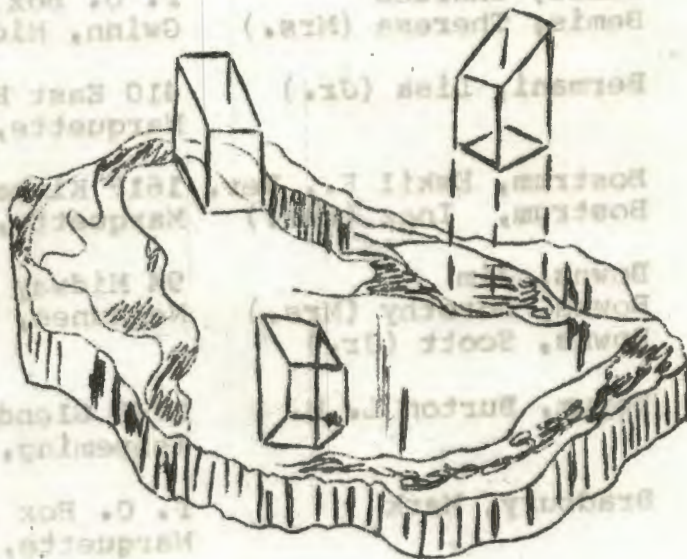
After seeing a display of rocks and minerals in a downtown store a year or so ago, an idea came to me for making a stand or holder for displaying specimens such as crystals, mineral specimens or geode halves which any rock hound can make.

To start with, I selected a slab of petrified wood limb  $\frac{3}{4}$  inch thick and approximately a rough oval about seven by four inches.

The edges of the slab are left in their natural state and the best side is selected for lapping and polishing. Since the base is secondary to the specimen, it is not necessary to get the highest polish on the slab. However, this depends on how much work the individual wishes to put into it.

Next, I bought a cut-off strip of plexiglas  $\frac{3}{4}$  inch thick by 48 by 2  $\frac{1}{2}$  inches. The strip was then cut into pieces  $\frac{3}{4}$  by 2  $\frac{1}{2}$  inches. Using a mitre box, I cut the 2  $\frac{1}{2}$  inch pieces in half and then cut a 45 degree angle off one end. It is then necessary to sand, smooth, and polish the sawed sides of the plexiglas.

When this is done, take three pieces and cement them with epoxy on end as shown in the illustration.



Of course, almost any kind of stone may be used. The edges of the slab may be left as they are or may be sawed uniformly as desired. It is a very good way to use rock which is not suitable for cabbing.

By Russ Houghton, The Rockpile, via The Template.

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APRIL, 1979

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