

T H E



J A S P I L I T E

JUL 10 1981

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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Hostesses	Marie Spike and Sharon Spike	
Librarian	Ernest Johnson	
Hospitality Chairman	Lilly Johnson	
1981 Swap Co-Chairmen	Michael Elliott and Laurence Sain	

MEETINGS: Business Meeting: 1st Friday of the month, 7:30 p.m., at Bothwell Middle School, Marquette (1st Thursday evening June-September)
Program & Activity Meeting: 3rd Sunday of the month at 2:00 p.m., Bothwell Middle School, 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

Material in this bulletin may be copied provided full credit is given to the author and the bulletin. Send all exchange bulletins and related material to the Exchange Bulletin Editor.

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. Betty Smith, 10607 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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Fountain City, WI 54649

APRIL 1981 - Issue No. 213

ATTENTION STATE DIRECTORS....

Your MWF Editor would like to receive from each state "Where to write for" available state publications. These will be published in future Newsletters as received. In Michigan, for example, the address is:

Geological Survey,
Michigan DNR
Box 30028
Lansing, MI 48909

Ask for the current available publications.

HELP REQUESTED...

E. DONALD STINNETT and his wife, LOUISE STINNETT, are requesting that anyone writing and requesting slide programs PLEASE GIVE YOUR NAME, ADDRESS, CLUB YOU BELONG TO, AND TELEPHONE NUMBER. It is hard to fill the requests when some of this information is missing. If you write instead of typing, please make it legible.

ON TO SOUTH BEND

Although the landscape is still covered with snow, the Michiana Rock and Gem Club members are working at a feverish pace sending letters, calling and planning each step leading to the Midwest Federation Show and Convention to be held in the beautiful Notre Dame Convocation Center July 23 - 26.

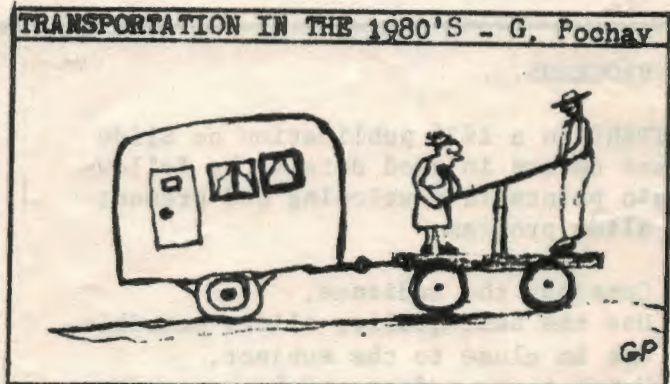
The result of the pamphlets mailed to all Midwest Federation Clubs are most gratifying, with letters and countless inquiries coming from as far away as California.

Many clubs are making plans to come by chartered bus; an excellent idea with gas prices hiking up, also enjoying the trip without the hassel of driving on busy highways. There is a special discount on group tickets coming by bus. A field trip or two could be possible on the way. There is parking for 20,000 cars and over 200 camper sites with electrical hookup.

Make early reservations for THE BEST ONE YET!

For further information write to:
AMES RUSSELL, Show Chairman
27911 North Street
North Liberty, Indiana 46554

CATHERINE MCHUGH, MWF Show Publicity Chairman



Sent to us by:

VIVIAN (MRS. GEORGE) POCHAY

This illustration was drawn by her husband and comes by way of THE ROCKY READER - bulletin of the Toledo Gem & Rockhound Club of Toledo, Ohio.

MEMORIAL WEEK-END...

There will be two Memorial Week-end Field trips in Michigan. One to Copper Country in the Upper Peninsula. For more information contact LAURENCE SAIN, 818 W. Kaye Ave., Marquette, MI 49855

If you are interested in fossils and crystals try a trip to the Alpena area. For more information write to CAL LOOMIS, 323 Washington, Alpena, MI 49707

GOOD HUNTING

ENVIRONMENTALLY SPEAKING IN THE MIDWEST....

Most members of the Midwest Federation, with their experience in the use of chemicals, solvents and cutting oils, can identify commonly classified hazardous substances. Midwest EPA wants our assistance in locating improperly disposed of waste. Unscrupulous waste haulers have disposed of hazardous waste along roadways, empty fields and abandoned buildings. As you enjoy field trips, take note of abandoned drums, sludge spills, pungent odors or dead vegetation that may indicate improperly disposed waste. Notify EPA by calling one of the 800 numbers listed below. Do not investigate the hazardous waste yourself.



- 800-972-3170 Illinois
- 800-621-3191 Indiana, Michigan, Minnesota and Ohio
- 800-821-3714 Kansas, Nebraska and Iowa
- 800-892-3837 Missouri
- 800-525-3022 North Dakota and South Dakota
- 800-424-8802 Arkansas
- 800-372-2991 Kentucky

A 25 minute film "Our Hidden National Product" is available for free viewing by calling 312-329-0185.

SLIDE PROGRAMS...

LES PETERY in a 1976 publication on Slide Programs covers in good detail the following main points in developing and presenting a slide program.

- A. Consider the Audience.
- B. Use the best quality slides possible.
- C. Get in close to the subject.
- D. Watch surroundings and backgrounds.
- E. Sequence.
- F. Continuity and transitions.
- G. Contrast and comparison.
- H. Watch the bright ones.
- I. Tempo.
- J. Narration.
- K. Humor.
- L. Preparation of narration for formal slide show.
- M. Presenting a slide show.
- N. Summary.

The name of the pamphlet is:
HOW TO MAKE AND PRESENT A SLIDE PROGRAM

EXHIBITING...

Do you know the main divisions in which you may exhibit? They are found in REGIONAL UNIFORM RULES AND NATIONAL TROPHY RULES - 5th edition.

The divisions and rules for them are:

- A. Open
- B. Minerals
- C. Lapidary
- D. Jewelry and Art Metalcraft
- E. Education
- F. Fossils
- UV. Fluorescent Minerals

If your club doesn't have a copy write to:

CLINTON HECKERT, Director of Supplies
725 Stewart Avenue,
Elgin, Illinois 60120

There are many pamphlets available to your club, write CLINT and see what is available!

Your 1981 Regional Show Schedule

CALIFORNIA	EASTERN	MIDWEST	NORTHWEST	ROCKY MOUNTAIN AFMS SHOW	SOUTH CENTRAL
Anaheim, California August 7-9	Lexington, Kentucky June 26-28	South Bend, Indiana July 23-26	Kent, Washington August 21-23	Salt Lake City, Utah June 4-7	Lubbock, Texas

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MAY 1981 - Issue No. 214

NEW COMMITTEE APPOINTMENTS

One of the hardest jobs as President is filling the Chairmanships of the various committees in the Midwest Federation. It is difficult to choose one among the many hard-working and dedicated people of the Federation to fill these positions. Welcome to all those who have graciously accepted the following Chairmanships.

Program Committee - MRS. LOUISE STINNETT, 29462 Aspen Drive, Flatrock, MI 48134, has accepted the Chairmanship of this committee. She will continue the fine work of her husband, DON.

Credentials - MRS ESTHER MULLALY, 30018 Dawson Street, Garden City, MI 48135, graciously accepted the Credentials Committee Chairmanship for another year.

Join me in welcoming the following Chairpersons to their new posts.

Legislation - MRS. SHERYL CAPONERA, 2330 Collins Street, Blue Island, IL 60406.

Mineralogy - WILLIAM (BILL) COOK, 684 Quilliams, Cleveland Heights, OH 44121.

Paleontology - PAUL CAPONERA, 2330 Collins Street, Blue Island, IL 60406.

Safety and Field Trip - HELEN NEUMANN, 20955 Balfour Road, Mt. Clemens, MI 48043.

Liaison MWF/CCFMS - HAROLD MEINERT, 505 Bird, Birmingham, MI 48009.

Library - BERNICE MCCLOSKEY, Box 527, Elm Grove, WI 53122.

Uniform Rules - PAUL CLIFFORD, Wade Oval, University Circle, Cleveland, OH 44106.

LARRY NAWOJSKI, Acting President MWF

SWAP AREA - 1981 MWF SHOW

Yes, Swappers, there will be a swap area at the 1981 Show, complete with swap bucks, tables, chairs and some rules to make it better for everyone.

There have been some complaints about swappers being pushed to the side or out of the way. But this is not the case. The problem is that swappers are branching out into everything else but rocks, gems, minerals, fossils and shells. In some swap areas of past MWF Shows, it has been noted that swappers are dealing in fruits, vegetables, flowers and what have you. There are very few true rock swappers anymore. Swappers today are basically small time dealers. It has always been the belief that a true swapper was one who would swap rock for rock.

The rules are simple for the '81 MWF Swap Area:

1. Tables will rent for \$3.00 per day or \$9.00 for the four days of the show.
2. It will be first come first serve.
3. Swap bucks will be used in the amounts of \$1.00 and \$0.50.
4. Cost of the swap bucks will be \$1.10 and \$0.55.
5. No U.S. Monies will be allowed to be taken in by swappers.
6. Swap bucks will be spent at retail dealers who have agreed to do this.
7. Rocks, gems, minerals, fossils and sea shells will be the only items allowed in the swap area for the purpose of swapping. Anything not related to the hobby, such as fruit, flowers and plants will not be permitted.
8. The swap area will be open from 9 a.m. to 9 p.m. Thursday, Friday and Saturday; and from 9 a.m. to 3 p.m. Sunday.

For additional information contact CARLTON PLETCHER, Swap Chairman, 1321 Oak Street, Niles, MI 49120.

Submitted by JIM RUSSELL, Chairman MWF Show

E. DONALD STINNETT, DECEASED

On Thursday March 5, 1981, E. DONALD STINNETT passed away, a victim of cancer. DON had served as the Midwest Federation's Program Chairman since 1972, when he was appointed by President LEE KIRBY. DON, along with his wife, LOUISE, has faithfully served the clubs of the Midwest Federation by supplying them with slide programs.

Please join me in expressing our deepest sympathy to LOUISE STINNETT and her family.

LARRY NAWOJSKI, Acting President MWF

(Editor's Note: Some states have an association of clubs, even though belonging to their respective Federation. At least an annual event is planned under the sponsorship of the State organization. Wyoming State has such an organization, as well as others. Wisconsin, in our Midwest Federation, has such an organization. CAROL ANDERSON, President of the Wisconsin Association of Earth Science Clubs submitted a brief description of their organization and their annual Roundup).

ALL WISCONSIN CLUBS ROUNDUP

The idea of an ALL WISCONSIN GEM AND MINERAL CLUBS ROUNDUP was developed when HAROLD STEINKE of Oshkosh was Wisconsin State Director with plans beginning during 1976. In 1979 JIM DEVOE presented a tentative set of by-laws for what was now called the WISCONSIN ASSOCIATION OF EARTH SCIENCE CLUBS. It was decided to discuss these with members and vote on it the following year.

All Wisconsin Midwest Federation Clubs are automatically members of the Wisconsin Association of Earth Science Clubs and will receive the mailings. No club dues are assessed, but payment of an admission fee to the Annual Roundup of \$2.00 or a specimen, or specimens of equal or higher value to be used for Silent Auctions will cover the cost of the Roundup.

The Chairmen of the 1981 Roundup, met in Fond du Lac March 7 to finalize plans for the Roundup to be held at Green Lake, Wisconsin, May 30-31.

The Annual Roundup is planning many workshops and activities including Field

..next column..

Trips, Lapidary, Bulletins, Silversmithing, Fossils, Minerals, Silent Auctions, Swapping and a Cracker Barrel Session.

More information may be obtained from:

CAROL ANDERSON, 918 13th Avenue, Green Bay, Wisconsin 54304

ROCKS AND MINERALS MAGAZINE TO BE AT MIDWEST SHOW

As official publication of the Midwest Federation, ROCKS AND MINERALS magazine will be represented with a subscription table at the 1981 Midwest Federation Show in South Bend, Indiana, July 23-26.

Visitors to the show are invited to stop by the booth, meet some of the consulting editors and chat awhile.

MARIE HUIZING: Managing Editor

NEW SLIDE PROGRAM

It is with a great deal of pleasure that we can announce a new fossil program - the adult version of THE FOSSIL STORY, by ARLENE BUEHLER, of Saginaw.

This is a good detail program of fossils throughout the Midwest. It is a good "study" program, with identifying features, pictures, etc.

Thanks Arlene - you helped your Chairman attain his goal of 100 programs.

LOUISE STINNETT: Chairman Program Committee

SOMETHING TO THINK ABOUT

We have probed the earth, excavated it, burned it, ripped things from it, buried things in it, chopped down its forests, leveled its hills, muddied its waters and dirtied its air. That does not fit the definition of a good tenant.

If we were here on a month to month basis, we would have been evicted long ago.

from The Template

...via Environmentally speaking

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JUNE 1981 - Issue No. 215

MIDWEST STATE GEOLOGICAL SURVEYS

ILLINOIS State Geological Survey Natural Resources Building, Urbana, IL 61891	A,B,D
INDIANA Geological Survey 611 N Walnut Grove, Bloomington, IN 47401	A,B,C
IOWA Geological Survey 123 N Capitol Street, Iowa City, IA 52242	A,B,C
KANSAS Geological Survey, University of Kansas 1930 Ave A, Campus West, Lawrence, KS 66044	A,B,C,D
MICHIGAN Geological Survey Division, Dept. of Natural Resources Box 30028, Lansing, MI 48909	A,B,C,D
MINNESOTA Geological Survey, University of Minnesota 1533 Eustis St., St. Paul, MN 55108	A,C
MISSOURI Dept. of Natural Resources, Division of Geology and Land Survey, P.O. Box 250, Rolla, MO 65401	A,B,C,D
NEBRASKA Conservation and Survey Division, University of Nebraska 113 Nebraska Hall, Lincoln, NE 68508	A,C
OHIO Division of Geological Survey of Natural Resources Main Square, Columbus OH 43224	A,B,C,D
OKLAHOMA Geological Survey University of Oklahoma 830 Van Vleet Oval, Room 163, Norman, OK 73019	A,B,C
SOUTH DAKOTA Geological Survey, Science Center, University of South Dakota Vermillion, SD 57069	A,C
NORTH DAKOTA Geological Survey University of North Dakota University Station, Grand Forks, ND 58202	A,B,C
TENNESSEE Division of Geology G-3 State Office Building, Nashville, TN 37219	A,B
WISCONSIN Geological and Natural History Survey University of Wisconsin Extension, 1815 University Ave., Madison, WI 53706	A,B,C

CODE: A - List of all publications sent free on request
B - Free Educational pamphlets on geology of the state
C - Low cost educational pamphlets on geology
D - Rock, mineral and/or fossil collection at low cost

Thanks to the people who sent some of the information of the above and especially DIANE DARE, 1980 Directory Chairman, who informed me this was inside the back cover of '80-'81 Directory.

NOTICE: Any change of address, name, officer, editor or changes in subscription orders PLEASE NOTIFY, and give the name and address where the Newsletters are currently being sent: PARROT PRINTING
2125 Forest Avenue
Des Moines, Iowa 50311

1981 SHOW COMPETITIVE DISPLAYS

The deadline for competitive display entries in the 1981 MWF Show and Convention is June 15. We have space for over 100 competitive exhibits at South Bend, and Uniform Rules Chairman PAUL CLIFFORD is arranging for qualified judges in all divisions and classes.

Display entry forms were sent to all MWF clubs early in the year. If you need additional forms, contact me.

Whether you are entering competition for the very first time, or are an "old hand", we suggest you review a copy of the Uniform Rules book - Fifth Edition (green cover). This publication should be available in your club library, or you may obtain a copy from the Director of Supplies, MR. CLINTON HECKERT, 725 Stewart Ave., Elgin IL 60120, for \$1.50 each (includes postage & handling).

Whatever your area of interest, whatever your specialty, we have a competitive category you can enter, and all are listed in the Rules book. Get your entry in to me now!!

DIANE DARE: 1981 Show Competitive Displays
Chairman, 747 E. Blackford Ave.,
Evansville, IN 47713



CORRECTION

Your Editor Goofed...

JOHN BOLAND has been listed in the Newsletter as Chairman of the Environmental Committee.

DR. KATHERINE NELSON is Chairman of the Environmental Committee. JOHN was the Editor of the Committee Publication, Environmentally Speaking.

EDWARD N. SMITH DIES

A memorial to the AFMS Scholarship foundation has been established in the name of EDWARD N. SMITH, former President and founder of Geode Industries, who died April 9, 1981. ED SMITH began in 1931 his interest in the mineralogical world. Collecting and providing work for several persons during the depression years by making Geode products and selling the specimens.

As his interest in these became more profound MR. SMITH envisioned a part of this beautiful collecting area to become a permanent part of Iowa (The Beautiful Land) to be enjoyed by all forever. In 1935 ED SMITH was appointed by the Governor of Iowa as the Development Chairman for his dream, GEODE STATE PARK.

During his lifetime MR. SMITH attended 200 Gem and Mineral Shows along with members of his family. His company Geode Industries has grown to one of the leading suppliers in the Gem and Mineral Trade.

Selecting the 1980 All-American/Merit Award Winners from the entries sent in by our Midwest clubs is a big job, and we have a very capable team of judges who will do it. All from Indiana, they include DR. BENJAMIN MOULTON, MRS. FERN PENNER, JACK DARE, and Committee Chairman DIANE DARE.

DR. BENJAMIN MOULTON, Terre Haute, is a Professor of Geography and head of the Geography and Geology Department at Indiana State University-Terre Haute. He is a MWF Assistant State Director and served on the MWF Mineralogy Committee. He is a member of the Vigo County Rock and Gem Club, and served that club in many offices including editor. He was President of the 1980 Hoosier Swap.

MRS. FERN PENNER, Peru, is also a MWF Assistant State Director, and is a member of the Peru Rocks and Minerals Club. She has held several offices, including that of President, and was a guest exhibitor at the 1980 Show and Convention in Lincoln.

JACK DARE, Evansville, is a member of the Evansville Lapidary Society, as well as ESCONI and M.A.P.S. He has served on the MWF Silent Auction Committee, the Junior Activities, and the Directory Committee. He is one of the workshop instructors for the Evansville Lapidary Society.

Chairman, DIANE DARE, is currently MWF 2nd Vice-President, as well as President of Evansville Lapidary Society. A Past-President of Southern Illinois Earth Science Club, member of ESCONI and Competitive Displays Chairman for the 1981 MWF Show at South Bend, she has won several MWF and AFMS awards as a bulletin editor and for original articles.

Winners of the All-American Awards will be announced at the National Show and Convention in Salt Lake, and the MWF Merit Awards will be presented at the MWF Show and Convention in South Bend.

DIANE DARE, Chairman, All-American/MWF Merit Awards

SCHOLARSHIP REPORT

The Midwest Federation is now at the 600% level and we have a beautiful new Plaque to prove it. The Plaque will be presented to the Executive Committee at the Spring Meeting. We do appreciate the great support of the Midwest Clubs. Since last Newsletter Report, contributions amounting to over \$3000.00 have been received from 34 Midwest Clubs. Through their generous gifts the following 20 clubs have advanced their Scholarship Status:

Toledo Gem & Rocknound Club	600% - 700%
C.A.I. Family Lapidary Club	800%
Nortneast Iowa Rock Club	800%
State Line Gem & Mineral Club	1700%
Lawrence County Rock Club	1800%
Midwest Mineralogical & Lapidary Society	1400% - 1500%
Lincoln Gem & Mineral Society	900% - 1400%
Huron Hills Mineral & Lapidary Club	1100%
Michigan Mineralogical Society	1000% - 1700%
White River Gem Society	1100%
Rock River Valley Geological Society	400%
McDonnell-Douglas Gem & Mineral Society	800%
Three Rivers Gem & Mineral Society	1200%
Southern Illinois Earth Science Club	500%
Copper Country Gem & Mineral Society	1200% - 1300%
Michiana Rock & Gem Club	1800%
Minnowa Rock & Gem Club	1200%
Bad-Lands Sand Hills Earth Science Club	700%
New Ulm Gem & Mineral Club	200% - 400%
Central Missouri Rock & Mineral Club	900%

It would be greatly appreciated if when you send in your contributions you would print or type your name and address and club name as well as the number of members you have and include this information in the envelope with your check. Sometimes it is difficult to read the name when it is only on the outside of the envelope, and signatures on checks are often hard to read.

The new Midwest Directory will soon be ready. Look in the 'Pink Pages' and see how your club has advanced their status. Thanks again for your generous checks.

KATHARINE STEINBRENNER: Midwest Scholarship Chairman

SPRING EXECUTIVE MEETING

The Spring Executive Meeting was held at Mason City, Iowa on April 25, 1981. Many items were discussed.

A committee is working on slides to show the member clubs what the Federation does for them.

The new MWF pins will have a clasp on the back.

There will be a Library Booth at the MWF Show in South Bend.

The Silent Auction Committee need specimen donations for the show.

The 1982 MWF Show will be in Minneapolis, Minnesota. Needed are show sites for 1983, 1984 and 1985.

A discussion was held about committee chairmen submitting articles for the Newsletter. (Editor's note - Come on you committee Chairmen let us hear from you. Also anyone else.)

SEE YOU AT THE MWF SHOW IN SOUTH BEND, IND-
ISNA JULY 23 THROUGH 26.

COME BY BUS, CAR, TRAIN, CAMPER OR ANYWAY,
BUT COME.

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IRMC MEETINGS & EVENTS

- Sunday, July 19 9:00 a.m. Field Trip to Taylor Mine east of Alberta. Rendezvous at Ishpeming Armory at 9:00 a.m.
- Thursday, July 30 7:30 p.m. Business Meeting at home of Laurence & Olive Sain, 818 West Kaye, Marquette.
- Saturday, August 1 9:00 a.m. 6th ANNUAL U. P. ROCK SWAP, MARQUETTE TOURIST PARK, MARQUETTE.
- Sunday, August 2 1:00 p.m. Field Trip to Lindberg's Quarry for kona dolomite. Rendezvous at Marquette Tourist Park. Sign up on Saturday at Rock Swap for this field trip.
- Thursday, August 27 7:30 p.m. Business Meeting at home of Bob and Marian Markert. Take County Road 510 north of Ishpeming to "South Camp Road"; watch for sign for "Markerts" on the left-hand side of road.
- Saturday, Sept. 5 9:00 a.m. Field Trip (Labor Day Weekend) to Copper Country. Headquarter at Twin Lakes State Park located on M-26 near Winona. Field Trips start promptly at 9:00 a.m. each day.
- Sunday, Sept. 6
- Monday, Sept. 7
- Friday, October 2 7:30 p.m. Business Meeting at home of Laurence & Olive Sain, 818 West Kaye, Marquette.
- Sunday, October 11 Fall Color Tour north of Ishpeming to Mulligan Plains, along north side of Dead River, home by way of County Road 502. (Further details and time at upcoming meetings.)

Every piece of rock has a story to tell.

via Rockatier,
World of Treasures





THE PRESIDENT'S MESSAGE

by Olive Sain

I feel I must set the record straight regarding an incident during our Memorial Day Field Trip. The first two evenings and days were as they should be -- getting

acquainted and visiting in the evenings and helping during the days. Laurence and Bart scouted roads so they could lead the group to a special beach on Lake Superior for rock collecting. We assisted in selecting and leading to collecting sites and helped in informing visitors what to look for; we shared what we found; we helped in identification.

Because the black flies were so bad, we gathered in the common recreation room instead of visiting around a campfire as would normally have been the case.

Arrangements were made with the management to not open the games for a two-hour period Sunday night so that the field trip people could talk normally instead of over the noise of the game machines.

Laurence and I were dinner guests at the Bartellis Sunday night. Following dinner, friends of ours whom we hadn't seen since our 1980 Geology Tour came to visit us as they were leaving the next day for lower Michigan. Then another couple from that tour group came to give us directions to another collecting site for agates; they, too, were leaving the next morning.

A club member came from the game room to say I had to come immediately to the meeting. What meeting? I had not planned nor been consulted about conducting a meeting. Believe me, when I set up a meeting, it is planned in detail from beginning to end! I take my responsibilities as president very seriously.

It was a most embarrassing and humiliating situation. After several and more insistent demands, I had to leave our guests to go to the "meeting" I had never set up; and then the final straw was to have the meeting turned over to me. The people sat there -- frozen, silent. Not being a magician, all I could do was try to ease the situation and apologize for something not of my doing. A sad climax to an otherwise wonderful field trip. Sounds like a nightmare, doesn't it? It has caused me many, many sleepless hours.

Now that this incident is clarified, let us lock it away permanently and resume the high standards of friendliness and considerateness that we hope our club is noted for.

We now have a brochure that explains what our club is all about thanks to Ingrid and her committee who edited it and to Helen and Ernie who produced it. Copies will be available at board meetings, our swap, and the local Chambers of Commerce. The supply is stored in the club's cabinet. You will find the brochure helpful in answering questions of people who are considering membership.

The elected officers have met once to begin revising the club's constitution and by-laws. This has needed doing for many years and, in fact, had been started a couple of times but never completed. We will continue to meet and will report progress at the

(continued on page 3)

(The President's Message - continued from page 2)

coming business meetings so that the final draft will be ready to include in the October Jaspilite. This will give you a chance to read it and be prepared to vote on it before the year is over. As the AFMS has a Code of Ethics, we are considering a Code of Etiquette which should enhance all aspects of a club member's privileges and responsibilities.

NOTES FROM THE SECRETARY'S MINUTES

by Laurence Sain,
Acting Secretary



APRIL 3, 1981 - Business Meeting

Club decided to sell raffle tickets for MGAGS.
Cost of each membership discussed. Further study needed.
Fanny Hooe Resort to be headquarters for Memorial Day trips.
Librarian instructed to furnish information on the Club Library to McCloskey.
Summer Swap plans moving along.
President reported on U.P. Club Get-Together on June 14.
Slides of the Grotto of the Redemption were shown.

APRIL 5, 1981 - Program Meeting

Prizes for Swap Raffle and door prizes requested.
Safety Chairman on Safety and Safety equipment essential for field trips.
Burt Boyum spoke on the environmental aspects of mining and presented an interesting film entitled "Michigan - Land of Iron".
A beautiful rock clock display, iron specimens, and tumbled beach stones were displayed.
A silent Mini-Auction was held.

MAY 7, 1981 - Business Meeting

Club received notification of being a 1200% contributor to the AFMS Scholarship Fund.
Field trips scheduled to Ohio Mine on May 17, to the Copper Country on May 23-25, Republic Pit on June 21.
U.P. Get-Together finalized for June 14.
No scholarship recipients from NMU or MTU received.
Swap plans continued to progress. Speaker to be Stan Dyl, Assistant Curator at MTU Museum.

MAY 23-25 - Field Trips

The club hosted visitors from other clubs. Visited the Cliff Mine, Ojibaway, Central and Phoenix mines.

JUNE 4, 1981 - Business Meeting

Deadline for Jaspilite is July 1.
Next business meetings to be July 30 for final Swap plans and August 27 and October 2 for fall.

(continued on page 4)

(Notes from the Secretary's Minutes - continued from page 3)

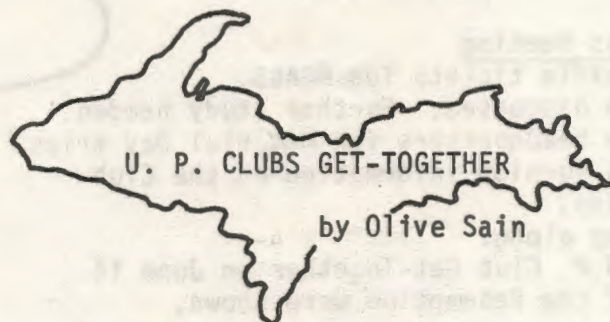
Membership pamphlets distributed.
 Swap plans continued.
 Final plans for U.P. Get-Together made.
 Membership classes were discussed and the committee authorized to proceed.

JUNE 14, 1981 - U. P. Club Get-Together

Rainy weather caused some not to appear.
 After coffee and socializing and introductions, there were two field trips. One was for Kona and one for Jaspilite.
 An enjoyable day in spite of the weather.

JUNE 21, 1981 - Field Trip to Republic Mine

Rainy, cool weather. Only collected on the dump.
 Rain had caused rocks to fall from the wall thus making it too dangerous to go into the pit.
 Our thanks to the Mining Company for all courtesies.



Our first informal get together of Upper Peninsula rock and mineral clubs was an enjoyable one for everyone in spite of the stormy weather the night before and intermittently during the day.

We gathered at the Presque Isle pavilion for coffee, rolls and cheese while meeting and getting acquainted with members of our neighboring clubs. We were honored by a visit from our state director, Florence Hill, who thought we were initiating a good practice for other regions to copy. Examples of material to be collected at the two sites were on display: Pat Bemis had beautiful clocks made from jaspilite and Bruce Spike showed various samples of Kona dolomite and weewee slate. Several other people had specimens on display.

Three visiting clubs were present; a fourth had been "stormed out". Sand dollars from Georgia were given to everyone as they signed in; compliments of the Sains, along with door prizes. A few members were shown the bacon agate area adjacent to the pavilion while we were waiting to see if the Iron County Club were going to arrive.

Finally, we had to leave for Lindbergh's Quarry where beautiful material surrounded us. The difficulty was in limiting ourselves to some exceptional blocks compatible with rock saws. The sky got progressively darker, and then the rain poured down which helped to get us back in our cars and on the way to the Al Quaal Recreation area in Ishpeming for our lunch stop. The driving rain had drenched all the tables under the roof so we were busy for awhile wiping off tables and benches. Nothing could dampen the friendliness and sociability of the group.

(continued on page 5)

(U. P. Clubs Get-Together - continued from page 4)

Our last stop was for jaspilite at Palmer; again such an abundance to choose from. The sun shone on us for the afternoon. After everyone had all they wanted, we stood around and visited. No one seemed to want to break up this friendly gathering.

I would like to especially thank the coffee committee, registration committee and field trip leader for their part in the day's success. Thank you one and all who came and in your own special way added to an enjoyable event.

Summer Field Trips

by Bruce Spike

Now that summer is officially here, rockhound activities are focused on collecting. Always in search of a more perfect or more beautiful specimen.



Our next trip afield on July 19 will find us at the old Taylor Mine just east of Alberta. Rendezvous at Ishpeming Armory and be ready to depart at 9:00 a.m. We have visited this site several times but always find beautiful drusy quartz and pyrolusite crystals along with goethite. A good rockhound is usually a nature lover and never misses a chance to visit a spectacular view or other natural phenomenon. As part of our itinerary, we have included the Upper Falls on the Sturgeon River just south of Alberta. This canyon and falls is quite spectacular.

August 2 we will conduct a field trip to Lindberg's Quarry for kona dolomite. This field trip is a part of our swap program. Meet at the Marquette Tourist Park and be ready to leave at 1:00 p.m. Many out-of-town and out-of-state guests will be present; let's be good hosts and really join in the fun. Many of these out-of-town guests have indicated a desire to stay several days longer to visit some of the other collecting sites we have at our doorstep.

Our annual Labor Day weekend outing to the Copper Country will take place on September 4, 5, 6 and 7. We will headquarter at the Twin Lakes State Park located on M-26 near Winona. Guests will arrive on Friday, September 4; field trips will start promptly at 9:00 a.m. EST on Saturday, September 5. We will again be hosting other Midwest Federation clubs. We had a great time last year when 38 members of the Esconi Club (Illinois) joined us.

We have had a good season thus far; our early trip to the Ohio Mines area proved very fruitful and the weather was pleasant.

Memorial Day weekend at Lake Fanny Hooe was great in spite of some rain. We were again joined by a sizable group of Esconi and some other hearty downstate rockhounds. The Cliff Mine, the Central, and Mohawk #2 all gave up a little bit more of their buried treasure. A trip to the Lake Superior beach proved that there are still agates and thomsonite to be found. There must be; we didn't find too many.

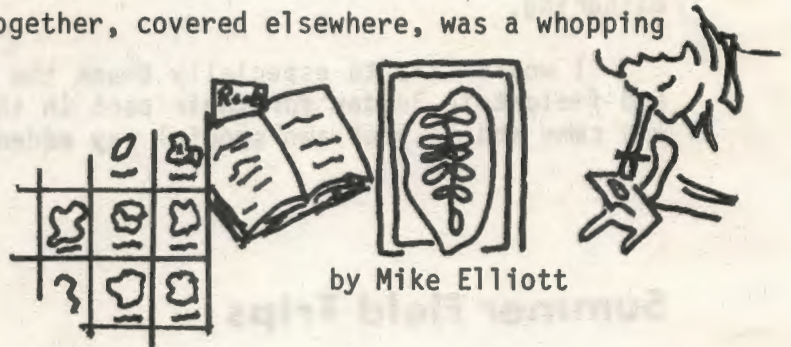
(continued on page 6)

Summer Field Trips (continued from page 5)

Our trip to Republic Mine this past month was a wet one; but we came home with some beautiful cutting material.

And then the U. P. Rock Club Get-Together, covered elsewhere, was a whopping success. Let's do it again.

Annual U.P. Rock Swap



by Mike Elliott

Summer is upon us and rockhounds everywhere are out searching mine dumps, quarries, and beaches for prized specimens of all kinds. Many are on vacation traveling to new collecting sites in areas far from their homes. Even in our area many collectors are out searching our storehouse of treasures.

Wouldn't it be great to get together with many of these fellow rockhounds and exchange materials while at the same time developing friendships with some of the nicest people you could ever want to meet? Well, this is the idea behind the IRMC's 6th Annual Rock Swap to be held this year on August 1 at the Marquette Tourist Park. In past years collectors from many states and Canada have attended our swaps and this year should be the same.

To participate in the swap, simply donate a rock-related item to the silent auction. Then just set up a folding table to display your materials and begin.

Besides the swapping there are several other events taking place throughout the day. The silent auction will run all day along with drawings for door prizes. Also, be sure to sign up for the field trip on Sunday. This year's field trip will be to Lindberg's Quarry to collect kona dolomite. All who sign up should meet at the Tourist Park at 1:00 p.m. on Sunday. If sufficient interest is expressed, additional field trips will be planned.

Don't forget to buy a few raffle tickets. Many fine prizes are being donated by club members -- I know I'd like to own each one!!

The "Cracker Barrel" will begin at 7:00 p.m. Scholarship presentations will be made to students from Northern Michigan University and Michigan Technological University who are pursuing their studies in one of the Earth Science fields. Our guest speaker for the evening will be Stanley Dyl, assistant curator at the Seaman Mineral Museum at MTU. To close out our day drawings for the raffle prizes will take place.

I hope everyone will attend our swap on August 1. Even those who are just beginning rockhounds will enjoy the day.

The man who moved the mountain began by carrying away small stones.

via Rock Rammer

Summer is here and most of our club membership have returned home to the north country. The latest to join us at our meetings include the Bowns' and Belmores.


Homecoming was not the happy occasion it should have been for the Belmores. They found their home had been broken into and systematically ransacked.

Our rock club meetings will not be the same with the loss of two "regular attenders and contributors". We will sorely miss Pete Hansen and Dorothy Tubbs.

Many of our group experienced minor miseries that could be cured with a dose of sulphur and molasses or, better yet, a trip to collect some 1981 season rocks.

However, several members were temporarily unable to get out collecting. Ben, we hope the new gadget you have installed in your chest will slow you down so you and Marge keep in pace with the rest of us.

Anyone other than Don Ruonavaara might not have survived a massive heart attack as did Don. When we all wondered if he'd be able "to sit up and take nourishment", he was back at our meetings! Good going, Don! Keep him in line, Jan. (a big order for anyone)


Speaking of  hearts, we miss you, Susie.

Congratulations, Ernie Johnson! Ernie has been elected for a 3-year term on the Board of Directors of the College and University Records and Computer Conference at their recent yearly international meeting in Florida.

We've had company, too! In addition to those "far away" enrolled members returning for field trips, we were honored by the presence of Florence Hill, our State Midwest Director, at the Sunday session when all the rock clubs of the U. P. were invited as our guests for a rainy but fruitful field trip. Florence Hill, we love you. You're a very precious person. Come often.

 Cheer up!

Just a note for those of you who are currently feeling down in the "dumps" but want to quickly make it back on top of the "rockpile".

Your cloudy day will have its silver lining 

Rockin' Round



In this hour of
 your sorrow
 A heartfelt prayer
 for you
 That God will grant
 His comfort
 And His consolation, too.



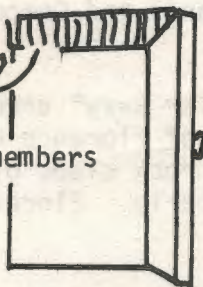
in
 memory
 of
 PETE HANSEN
 and
 DOROTHY TUBBS

PETE HANSEN, a faithful member of our club for the past several years, will be truly missed by all of us. Pete gave so much of himself through his tales of the "old days" in railroading; and, because of him, we all will be richer in our knowledge of the past; as well as our hopes for the future.

DOROTHY TUBBS has been a dedicated member of the IRMC since moving to our area some years ago. Dorothy helped our club members in numerous ways through her knowledge of minerals and her willingness to share it with others. Her generous volunteering will not be forgotten by us.

Welcome

to our new members



PATRICK J., BERNADETTE AND PAT, JR. WALLACE, 323 East Crescent, Marquette, MI 49855

TIM LA BONTE (junior member), 323 East Crescent, Marquette, MI 49855

and WELCOME BACK to reinstated members ...

Charles and Elizabeth WATERS, Route 2, North Westwood Drive, Ishpeming, MI 49849
 Thomas QUAYLE, 361 South First Street, Ishpeming, MI 49849
 Wayne and Ida WILSON, 1910 Granite Street, Marquette, MI 49855

bits 'n' pieces

by Arnold Mulzer



The summer is almost half over; and we ask ourselves what have we done and what did we see. If you are just a tourist, let me suggest that you climb some of our scenic outlooks. Climbing Sugar Loaf Mountain on Highway 550 seven miles from downtown Marquette gives one a view of Marquette, the ore dock, Northern Michigan University and Presque Isle Park. If you are up there at 10:00 a.m. or 2:30 p.m., you can see the smoke of the Marquette & Huron Mountain Railroad as it winds through the forest on its run to Harlow Lake. This is the only steam railroad in Upper Michigan; in fact, it is one of the few left in the United States. It runs on the former Lake Superior & Ishpeming tracks going to Big Bay.

Another good lookout is Mt. Marquette in the south end of the city. It can be reached by auto starting near the Carp River and ending on highway 553. There are facilities provided for the elderly and handicapped. Take your field glasses with you.

A lookout must for all rockhounds is the world's largest gemstone, Jasper Knob, in Ishpeming. Look for the jaspilite formation. There is no collecting up there. On your way up the path, the large leveled off hole on your right is the sight of one of the first iron ore mines. It was worked in the 1850's when all rich ore was on the surface. Incidentally, the first underground mine in the Marquette range was opened in 1866.

While I am on mining, I'll give a few facts about the industry. There were hundreds of mines in the range -- some good; some money losers. The mines were electrified in 1910. For 44 years the only light for the miner was a candle on his hat. To move the ore to the shaft was either by hand power or by mules which pulled the underground cars. The late Peter Hansen told me that I didn't have the facts straight as he lived near the Salisbury Mine in Ishpeming; and when they closed the mine in 1921, the company brought the mules to the surface and that his father was a mule skinner around the various mines after that. He also told me that the kids of his day would be at the mine shaft when the miners came up and get the short candles from them. Once in a while, they were lucky and got an unused one which the miners kept in their boots. The kids would use them in their shacks. No radio or TV in those days to keep them home.

There are no underground mines left in either Minnesota, Wisconsin or Michigan. The last mine, The Mather, closed in July of 1979. This was the world's largest producer. About 52,000,000 tons came up through its shafts. If all of its ore went through the LS&I ore dock, it would take about seven seasons. The shaft is now being dismantled on another landmark; the landmark will be gone forever.

I worked on the railroad when we hauled the material to ship it. I was one year into retirement when the mine closed.

(continued on page 10)

Bits & Pieces (continued from page 9)

Another successful field trip was held by our club over Memorial Day weekend in the Keweenaw Peninsula headquartered at Copper Harbor. About half the people were guests and long-distance members. The Aulers from Chicago and the Smiths from Massachusetts were there.

See you at our Swap and Field Trip on August 1 and 2. I'll have Red Verona Marble from Italy to trade with you. Some of our raffle prizes will be rock clocks, geodes, afghan as well as many more.

EYE INJURY IN THE FIELD

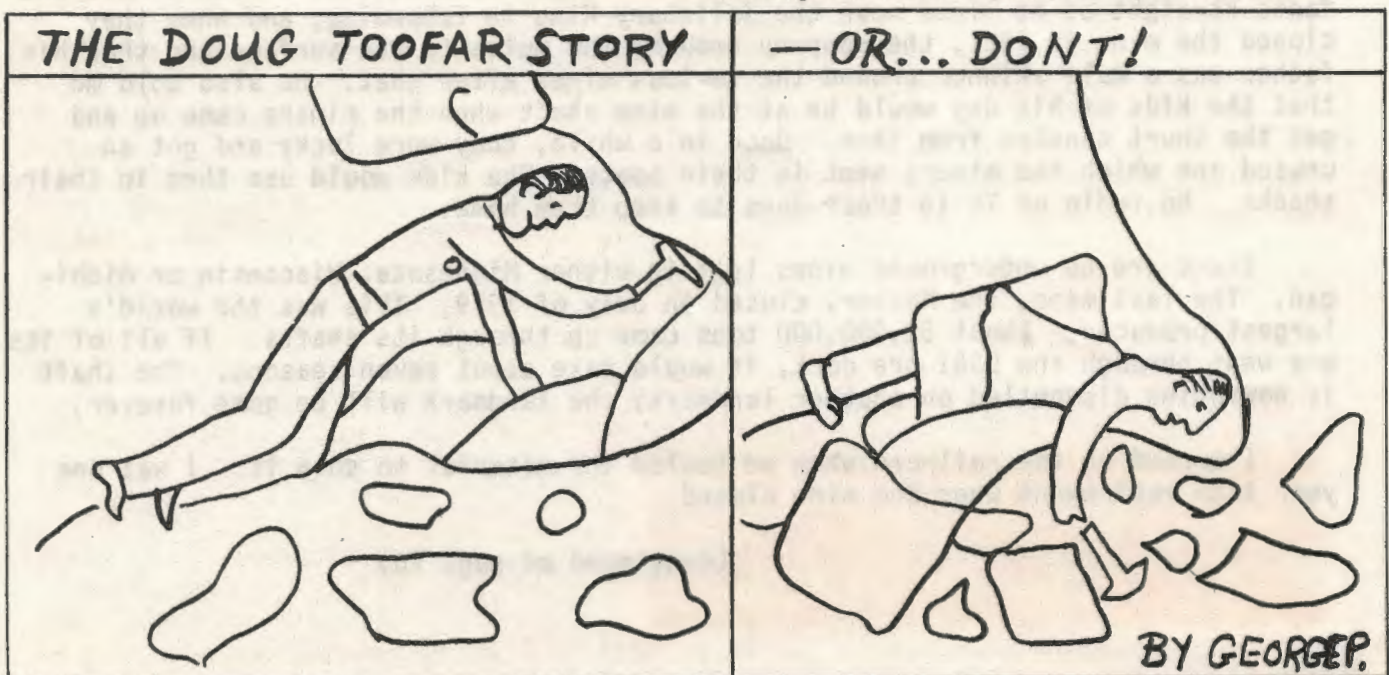
Chipping rock can be a dangerous thing. The razor sharp edges zooming through the air can cut into the unprotected skin areas with the force of a bullet. If we are hit by one, we tend to wash away the blood, put on a bandage, and continue with our chipping.

What happens if a chip goes into the eye? It is no longer a simple cut to be washed and bandaged. A serious eye injury should not be washed except when a powder or chemical liquid has been splashed into the eye. If a companion should get a chip in his eye, KEEP CALM. Cover the eye with a soft cloth and get him to a hospital instantly.

Don't put anything into the eye -- not even eye wash. If there is blood in the eye, don't try to remove it. Don't try to force the eyelid open if it is closed. The person should be kept as still and quiet as possible.

The use of safety glasses is important. Their use can help insure that an eye injury in the field is unlikely. Place your safety glasses with the other equipment that you take on a field trip, and be sure to use them when chipping rock.

via many bulletins and the Rock Tablet



The Rocky Reader

FROM YOUR . . .



THE AMERICAN FEDERATION NEWSLETTER

From the May, 1981, issue of your American Federation Newsletter comes the information that Dr. Benjamin Moulton of the Indiana State University has been chosen as the 1981 Honorary Award Winner of the Midwest Federation by the Midwest Federation.

He has been a professor of Geology and Chairman of the department at Indiana State University since 1961. Very active in the Midwest Federation, he has been editor of the newsletter for the Vigo Rock & Gem Club for 20 years, and has served as a judge at federation shows. Dr. Moulton has presented programs for many of the clubs in the Midwest Federation and for a number in Australia and will be the speaker for the Midwest Federation Banquet this year.

Our club is both proud and pleased to exchange bulletins with the Vigo Club which has such an eminent editor.

TO ALL NEW (AND A FEW OLD) ROCKHOUNDS

by Billy Boyles, "Agate Agitator"
Golden Spread G&MS-Amarillo, TX

Usually the first two items of equipment purchased by the new rockhound are a tumbler and a rock hammer. The tumbler is great, but the hammer is nearly always used as a weapon of destruction by all new and some old rockhounds. I sometimes think strings should be attached to the purchase of a rock hammer. Strings such as a course of instruction from a Gem & Mineral Club.

Recently on an extended stay in Arizona, in the remote parts of the desert, tracks of the rockhounds were everywhere (broken rocks; beat into small pieces) at two jasper locations listed in the Gem Trails of Arizona. There were thousands of tons of beautiful jasper beaten into half inch pieces. You literally walked on a hard surface of chips, none large enough for lapidary work. The area was depleted.

In discussing this with an opal mine owner from Spencer, Idaho, he said, "The rockhounds beat the jasper into small pieces looking for patterns." If there should be a pattern, the hammer would ruin it. Take it home and saw it (the only way to find a usable pattern). It might be a "leaverite"? Check it. Find a protrusion, a corner or thin place and chip it. If it doesn't look like a "keeper", lay it down, don't destroy it. The next man or next generation might want it.

God only provided so much of the beautiful gems and minerals for our use and enjoyment. It takes literally hundreds of thousands of years for them to form and weather out and the uncaring or careless person with the hammer destroys them in minutes. We cry about many places being closed to our hunting gems and minerals, but how much is our fault? Can we blame others when we destroy more than we take of something that is irreplaceable?

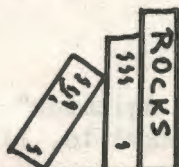
Why isn't our club (all clubs) doing more to teach the new members in "Identification and Care of Gems and Minerals". Each older member could take a new member as a buddy to teach. There are more ways to correct this destruction. Let's each do our part while there is some area left to us. Most known gem and mineral areas are depleted now and new ones are rare. Wouldn't it be nice if our grandchildren could continue our Hobby?

FOOD FOR THOUGHT

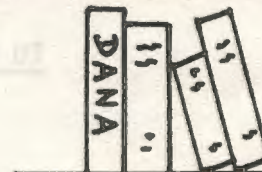
by Elza Slatery,
AFMS Club Publications Chairman

NO PLACE TO GO ON FIELD TRIPS? Much talked about is that there is no place to go on field trips, due to quarry closings, government lands and construction coverage of old sites. Club bulletins in general do not indicate a shortage in sites though admittedly within the close vicinity of a club there are limited locations. Many family type field trips are being made by new club members in particular. As "Old Timers" become tired of visiting the same collection sites repeatedly (except for valued rocks, minerals or fossils), it might be helpful if a survey of more ancient field trips could be updated and summarized in the bulletins occasionally as a check list and for the benefit of new club members.

(Editor's Note: Well ... how about it, "Old Timers"? This editor would be more than happy to print your tales of old collecting sites in future editions of the Jaspilite. And, I know that all the newer members would love to have the chance to find a really nice specimen at one of these older collecting sites. Take time out, NOW, to start your article. You have only three months to complete it before the next issue.)



Library Notes



Have you used your club library lately? If you haven't, why not check out a book to help you find the answers in the tale printed below as quoted from the ESCOMO and other bulletins.

THE TALE OF THE (Au) _____ DUST KID (An elemental tale designed to produce a reaction)

The Kid mounted his trusty steed, old (B) _____. His shooting (Fe) _____ strapped to his side, he headed out for the bright (Ne) _____ lights of Sabattus, aiming to rob the Litchfield stage. There was sure to be a load of precious (U) _____ aboard, and probably (K) _____ too. Inhaling a deep breath of (O) _____, he coughed on the (S) _____ from the nearby mills. Since the (Hg) _____ was climbing, he quenched his thirst with some H₂O, tasting the (Cl) _____ all big cities like Wales had. His bones ached as he headed North, from (Ca) _____ deposits built up over years of riding the (Zn) _____ trail. Overhead a (He) _____-filled balloon floated in the breeze; the sun beat down like burning (P) _____.

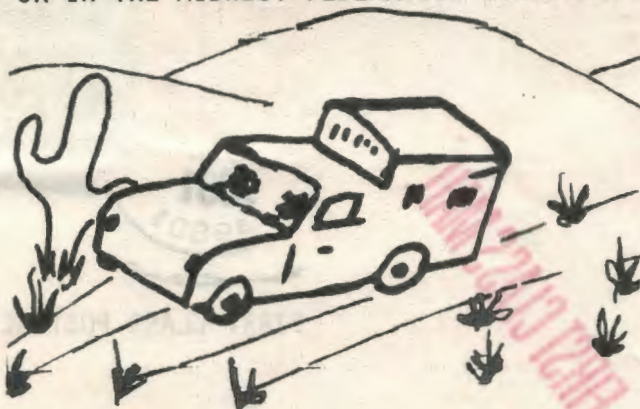
Soon he spotted the stage, guarded only by a sheriff with a (Sn) _____ badge. "Halt," he yelled, "or I'll fill you full of (Pb) _____." The sheriff drew his gun, but alas, was too slow. The Kid's gun, blazing like flaming (Mg) _____ did the (Cu) _____ in. Anyone who drew on the Kid should know his life isn't worth a plug (Ni) _____. A (Pt) _____ blonde riding inside the (Al) _____ framed coach ran for her life when the Kid pulled out some (N) _____ compounds, preparing to blow the safe to atoms.

Suddenly, a shout rang out "Hi Ho (Ag) _____!" and a masked man on a white horse raced across the (Si) _____ sands of the blueberry fields like (Na) _____ skittering on H₂O. A (H) _____ bomb would not have stopped the lawman; the Kid met his doom. The rest of his life was to be spent behind (Co) _____ steel bars, a warning to all who flirt with danger. Your first detention may be the initial step in a (C) _____ copy life of the saga of the (Au) _____ Dust Kid.

Calendar of Events

July 23-26	MWF SHOW	SOUTH BEND, IN, Univ. of Notre Dame ACC, Juniper Road, hosted by Michiana Rock & Gem Club
Aug. 1- 2	SWAP	MARQUETTE, MI, 6th Annual Rock Swap, Tourist Park, hosted by Ishpeming Rock and Mineral Club
Aug. 1- 2	SHOW	CUMBERLAND, WI, High School Gym, Northwest Wisconsin Gem & Mineral Society
Aug. 15-16	SWAP	TOMAH, WI, Exhibit Bldg, Tomah Rec. Park, Driftless Area Gem & Mineral Club
Aug. 15-16	SHOW	MIO, MI, Ausable School, M-72, Jack Pine Rock & Gem Club
Aug. 15	SWAP	L'ANSE, MI, Hwy 41 between Baraga and L'Anse, Baraga Co. Gem & Lapidary Club
Sep. 12-13	SWAP	MUSKEGO, MI, Pioneer Park, Muskegon County Rock and Mineral Club
Sep. 13	SWAP	LADYSMITH, WI, Kenny's Thornapple Campground, Flambeau Gem & Mineral Society
Sep. 18-19	SHOW	HOLLAND, MI, Civic Center, 150 West 8th St., Tulip City Gem & Mineral Club
Sep. 26-27	SHOW	HARTLAND, MI, High School, Livingston Gem & Mineral Soc.
Oct. 3- 4	SHOW	RACINE, WI, Memorial Hall, 7th & Lake Ave., Racine Geological Society
Oct. 9-11	SHOW	DETROIT, MI, Light Guard Armory, E. 8 Mile Road, Michigan Mineral Society
Oct. 17-18	SHOW	LANSING, MI, Michigan State Armory, 2500 South Washington, Central Michigan Lapidary & Mineral Society
Oct. 24-25	SHOW	DEARBORN, MI, Civic Center, 15801 Michigan, Midwest Faceters Guild

MORE INFORMATION ON THE ABOVE SHOWS IS AVAILABLE ON FLYERS AT MEETINGS OR IN THE MIDWEST FEDERATION DIRECTORY.



No Wonder We're Lost - I've Been Reading My Dress Pattern Instead of The Map!!!! via The Rocky Reader

Did you remember to set aside some real nice specimens for our Silent Auction to be held in conjunction with our Swap?

Tulip City

Gem & Mineral Club

PRESENTS

CAB-A-RAY

Holland Civic Center
HOLLAND, MI.

Fri., Sept. 18, 10:00-10:00
Sat., Sept. 19, 10:00-8:00

Live Demonstrations Food

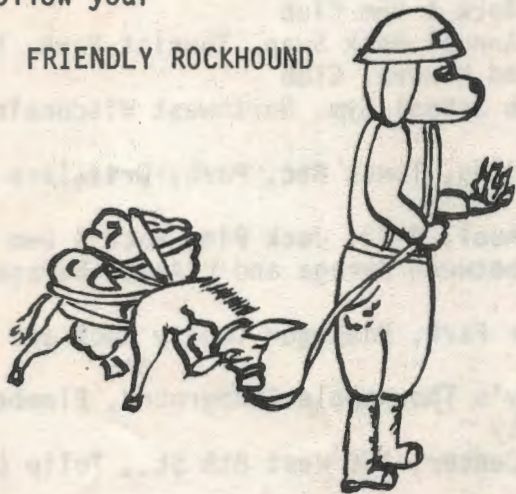
Door Prizes Slide Show

Dealers Exhibits Displays

(paid advertisement)

follow your

FRIENDLY ROCKHOUND



TO THE

6th Annual Upper Peninsula

ROCK SWAP

Saturday, August 1, 1981

9:00 AM to 5:00 PM

Set up your own table, or
swap from the trunk of
your car.

NO SELLING !!!

CRACKERBARREL

Saturday evening 7:00 P.M.

FIELD TRIP

Sunday afternoon 1:00 P.M.

DOOR PRIZES

RAFFLE TICKETS

SILENT AUCTION

sponsored by the

IRMC

July, 1981

THE JASPILITE
Ishpeming Rock and Mineral Club, Inc.

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



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