

JANUARY 1991

THE ROCKFINDER



Margaret Heinek
Michiana Gem & Mineral Society
7091 E. East Park Ln.
New Carlisle, IN 46552



FIRST CLASS MAIL

LARSON, JOYCE
144 Spruce Drive
Westville, IN 46391

Midwest Federation
Convention
Hosted by The Michiana Gem & Mineral Society
August 30-31-Sept. 1, 1991
South Bend, IN

GREENPEACE

SAVE

MICHIANA GEM AND MINERAL SOCIETY

1991 Board of Directors

President....Margaret Heinek	7091 E. East Park Ln., New Carlisle, IN46552
Vice Pres....Bob Miller	1106 Clayton Dr., South Bend, IN 46614
Secretary....Marie Crull	17651 Byron St., South Bend, IN 46617
Treasurer....Sister Jeanne Finske	Basil 2, St.Mary'sCollege, Notre Dame, IN46556
Liaison.....Paul Godollei	1910 Ribourde Dr., South Bend, IN 46628
Past Pres....James Russell	27911 North St., North Liberty, IN 46544

Committee Chairpersons

Program.....Bob Miller	1106 Clayton Dr., South Bend, IN 46614
Hospitality..Irenne Ungurait	1267 Kinyon Dr., South Bend, IN 46616
Educational..Gordon Dobecki	11900 Laughlin St., Mishawaka, IN 46544
Librarian....Paul Godollei	1910 Riboure Dr., South Bend, IN 46628
Historian....Bess Wise	1513 Clarendon Ave., Niles, MI 49120
Field Trips..Board of Directors	
Safety.....Bob Heinek	7091 E. East Park Ln, New Carlisle, IN 46552
Sunshine.....Kathy Miller	1106 Clayton Dr., South Bend, IN 46614
Scholarship	
Display.....	
Publicity....Dawn Cytacki	1606 East Madison St., South Bend, IN 46617
Membership...Members and Board of Directors	

The MICHIANA GEM AND MINERAL SOCIETY, a non-profit organization, is affiliated with the MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES and with the AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES.

Regular meetings

Time: 2: PM EST	Place: Westminster Presbyterian Church
Fourth Sunday of each month	1501 W. Cleveland Road
June- Field trip meeting	South Bend, Indiana
July- No meeting	West of St. Joseph River
August- Annual club picnic	
December- Date to be announced- Christmas party	

Dues

Individual	\$ 6.50 per year
Family	10.00 per year
Junior	2.00 per year

Rockfinder Staff

Editor and Co-Editor...	
Joyce Larson	144 Spruce Drive, Westville, IN 46351
Margaret Heinek	7091 E. East Park Ln, New Carlisle
Staff.....Bob Heinek	
Club Members	

All contributions for publication should be in the hands of the editor by the 10th of each month.

Permission is hereby granted to reprint, at any time, items published in the ROCKFINDER, provided due recognition is given.

THE ROCKFINDER

VOLUME 31

NUMBER 1

JANUARY 1991

PUBLISHED BY: MICHIANA GEM AND MINERAL SOCIETY INC.

SOUTH BEND, IN

REGULAR MEETING :

SUNDAY JAN. 27

TIME: DOORS OPEN 1:30 EST
MEETING 2:00

PLACE: WESTMINSTER PRESBYTERIAN CHURCH
1501 W. CLEVELAND ROAD
WEST OF THE ST. JOSEPH RIVER
SOUTH BEND, IN

PROGRAM: BUSINESS MEETING
WORK SESSION ON TABLE FAVORS TO BE
GIVEN OUT AT ONE OF OUR CONVENTION
MEALS. So please come prepared to
help assemble them.

HOSPITALITY:

Gordon Dobecki
Nina Hassler
Jessie Zieger

COMING EVENTS:

See page 2 for dates.



TRANSLATION: DUES ARE DUE!

JANUARY BIRTHSTONE- GARNET

The Garnet family forms an interesting and important group of rock-forming minerals. They are bright colored and lustrous. Garnets are metamorphic, but occur in igneous rock and in mineral veins.

Pyrope garnet has a deep red to reddish black color, getting its name from "fiery", on account of its fiery-red color and are usually free of flaws, which has produced many exquisite gemstones. Gossular or gooseberry-stone is sometimes pale green like the gooseberry. They can be almost colorless. Almandine is of a deep red color, often with a tinge of violet, so dark and opaque that they are sometimes used as an abrasive as a coating on paper or cloth. Garnets of deep color, opaque, are made into cabochons and transparents as faceted gems.

SHOW SCHEDULE:

March 8 - 10, Richmond, Ind. - Eastern Indiana Gem and Geological Society, 18th Annual Show. Wayne County Fairgrounds, N. Salisbury Rd., Richmond, Ind. Hours: 8th & 9th, 9 A.M. - 8 P.M.; 10th, Noon - 5 P.M.

March 9 - 10, Macomb, Ill. - Geodeland Earth Science Clubs, Inc., 11th Annual Gem and Mineral Show. Western Illinois University Student Union Ballroom, Murray Street, Macomb, Ill. Hours: 9th, 10 A.M. - 8 P.M.; 10th, 11 A.M. - 5 P.M.

March 23 - 24, Elmhurst, Ill. - West Suburban Lapidary Club, "Gems on Parade" Show. York Community High School, 355 W. St. Charles Rd., Elmhurst, Ill. Hours: 23rd, 10 A.M. - 8 P.M.; 24th, 10 A.M. - 6 P.M.

April 6 - 7, Canton, Ill. - Fulton County Rockhounds, 31st Annual Gem and Mineral Show. Wallace Park Recreation Bldg., 250 S. Ave. D, Canton, Ill. Hours: 6th, 10 A.M. - 7 P.M.; 7th, 10 A.M. - 5 P.M.

April 6 - 7, DesPlaines, Ill. - DesPlaines Valley Geological Society, 26th Annual Gem, Mineral and Jewelry Show. Rand Park Field House, 2025 Miner St., DesPlaines, Ill. Hours: 6th, 10 A.M. - 7 P.M.; 7th, 10 A.M. - 5 P.M.

April 19 - 21, Macomb, Ill. - Mid America Paleontology Society, National Fossil Exposition XIII. Western Illinois Student Union, Macomb, Ill. Hours: 19th, 10 A.M. - 6 P.M.; 20th, 8 A.M. - 5 P.M.; 21st, 8 A.M. - 3 P.M.

April 20 - 21, Highland, Ind. - Calumet Gem and Mineral Society, 18th Annual Extravaganza Gem, Mineral & Jewelry Show, Highland High School, 9135 Erie St., Highland, Ind. Hours:

May 4 - 5, Lafayette, Ind. - Wabash Valley Gem and Mineral Society, Inc., 32nd Annual Show. Tippecanoe County Fairgrounds, Teal Rd., Lafayette, Ind. Hours: 4th, 10 A.M. - 7 P.M.; 5th, 10 A.M. - 5 P.M.

May 4 - 5, Kalamazoo, Mich. - Kalamazoo Geological and Mineral Society, Annual Gem and Jewelry Show. Kalamazoo County Fairgrounds, 2900 Lake St., Kalamazoo, Mich. No hours listed. For further information, call Kitty Starbuck, (616) 649-1991.

May 25 - 27, Wheaton, Ill. - Chicagoland Gems and Minerals Association, 15th Annual Show. DuPage County Fairgrounds, 2015 Manchester Rd., Wheaton, Ill. Hours: 25th & 26th, 10 A.M. - 7 P.M.; 27th, 10 A.M. - 5 P.M.

August 30 - Sept. 1, South Bend, Ind. - Michiana Gem and Mineral Society, 1991 Midwest Federation Convention Gem & Jewelry Exposition, Century Center, 120 S. St. Joseph St., South Bend, Ind. Hours: 30th & 31st, 10 A.M. - 7 P.M.; 1st, 10 A.M. - 5 P.M.

* * * * *

SAFETY TIPS: SAFETY WITH MALACHITE

Malachite is one of the outstanding color gemstones; however, great care must be exercised in working with it as it is poisonous in the raw state. First, never lick malachite to see the color. If you wet your finger to apply it to the stone, do not put it back in your mouth for a second wetting. Also, grinding it wet use caution, and wear a mask when grinding it dry or polishing. When cutting it on the saw, do not get contaminated oil on your skin for any length of time. If you smoke, you can tell very easily if you are getting malachite dust because your smoke will be getting sickeningly sweet. The reason for this sweet taste is that the copper oxide dust mixes with the moisture in your mouth, and this combination reacts on the tar of the tobacco, turning it into saccharin, an artificial sweetener.
From Pick and Dop Stick via Cedar Valley Gems

MARGARET'S COLUMN

HAPPY NEW YEAR!

The Christmas Party was a success, as usual. Such good food! The attendance was good, but so many of our members were not able to attend due to illness. Hopefully 1991 will be better for everyone. We were glad to see Paul Godollei who was out of the hospital, in a cast, but came anyway. I am really on the mend, I practiced bowling yeaterday--had a low score, but when I learn to bowl another way I will improve.

Our son, Rob, was married Dec. 22, to Judy Good, which gives us 3 new members, Judy, Tonya and Tylean (Judy's 16 yr and 14yr old daughters). Just heard that Jim Russell Jr. was married in late Dec. Congratulations and good luck to all.

Mary Miller has taken on the job of contacting members for displays for our monthly meetings. So if Mary asks you to bring something, and you plan on attending the meeting, please bring something. This month we will display the January birthstone, so if you have crystals or somethin with garnets, bring them.

See you at the meeting.

* * * * *

BIRTHSTONES

For the laundresses, the soapstone
 For the architects, the cornerstone
 For cooks, the puddingstone
 For soldiers, the bloodstone
 For politicians, the blarneystone
 For borrowers, the touchstone
 For policemen, the pavingstone
 For stick broker, the curbstone
 For shoemakers, the cobblestone
 For tourists, the Yellowstone
 For beauties, the peachstone
 For motorists, the milestone
 For lovers, the moonstone
 For morticians, the tombstone
 For editors, the grindstone

Carpenters Magazine via Cedar Valley
 Gems

As this poem has to do with water, James Toney was one of a number of people who won the "Golden Poet" award this year for the following poem. It was awarded by the World of Poetry Organization, the poetry organization in the world.

AND THE OCEAN IS MADE OF TEARS

by James C. Toney

Once upon a time
 In the realm of water
 Neptune and LaMer
 Bred an aqueous daughter.

She was silver and blue
 Pristine and pure
 The essence of brew
 And sweetly demure.

She trickled and gurgled
 She flowed to a flood
 But also she sprinkled
 To nourish a bud.

She perculated, she drizzled
 And frolicked in clouds
 She dribbled and tickled
 And drenched angry crowds.

She crystallized and froze
 With geometric delight
 Piled and drifted
 On cold winter's night.

When she was older
 She soured in drains
 Her nature was altered
 With deposit remains.

Being polluted, corrupted
 She no longer functions
 Her atoms disrupted
 By isotopic instructions.

Neptune is aged
 And so is LaMer
 Their daughters are fewer
 Who sheds a tear?

* * * * *

ARE YOUR MICHIANA GEM AND MINERAL CLUB
 DUES PAID?? The roster will be print-ed
 this month, so in order to have your
 names listed, we must have your dues
 NOW..

* * * * *

Some tasks you have to put off dozens
 of times before they'll slip your
 mind completely. Via Rock Rustler News

LEGISLATION UPDATE BLM FOSSIL REGULATIONS DELAYED

A progress check on the proposed regulations for fossil collecting on public lands indicated a slow-down of the review procedures. An influential Senator from Wyoming asked that the review be slowed until after the elections. This means that publication of the proposed regulations in the Federal Register for public comment may not be issued until December/January or later.

It is important that the amateur have a chance to comment on the consensus agreement reached at Boulder and Salt Lake City meetings by the BLM, Forest Service, professional paleontologists, commercial dealers, and the amateur representatives. All sides were heard and a consensus agreement was reached that satisfied almost all of the attendees. A summary of the proposed rules for the amateur/professional and the dealers has been written in past issues of the AFMS Newsletter. Now the special interest groups want to change some of the collecting rules for public lands before they are published for public comment. They feel that only a handful of people have the expertise to remove fossils on the surface or below the surface including fish, sharks' teeth, and any part of vertebrate animals.

The government people and paleontologists say their numbers are too small to have any effect on the politicians, and only the amateurs have the numbers to request that the proposed rules be released for public comment.

Send your comments to your Senator, Senate Office Bldg., Washington, DC, 20510 and to Interior Secretary Manuel Lujan and BLM Director Cy Jamison, Washington, DC, 20240.

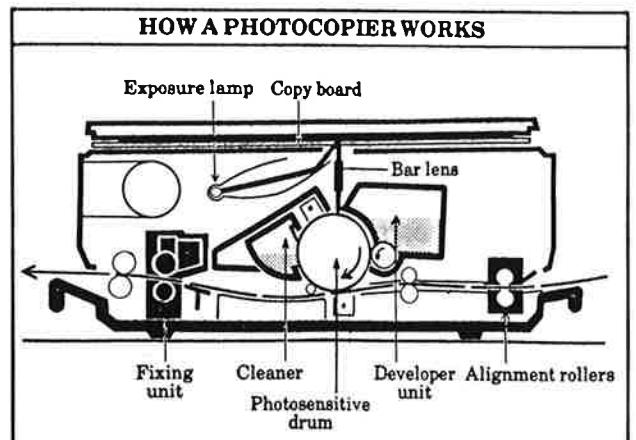
John Boland, Chairperson
Environment/Legislation

AS AMATEURS - WRITE YOUR SENATOR



Editor's Note

The electrostatic photocopier is now the most common type in use. It uses a dry process, copies on almost any material and now develops few copying faults. The copy is placed face down on the copy board, is scanned, and the image is transferred to the photosensitive drum. The developer, or toner, adheres to the image on the drum, which is transferred to the paper. The image is then fixed on to the paper by heat and pressure. The photocopier is an invaluable tool. Not only can it be used for ordinary document copying and as a short run printing machine, it is also useful for visualizing, preparing artwork, and proofing. A visual can be partly or completely constructed of photocopied elements which can be cut up and colored. High quality photocopiers will sometimes produce copies good enough to use as artwork. Modern machines can copy on white and colored paper and acetate sheet. Many can reduce and enlarge the original, and color photocopiers are now available.



At our workshop this summer, several people commented on their displeasure with copying services they were receiving at fast-print places. Fellow editors - you do not have to put up with smudgy pages or lines that don't appear, or words that run off the edge of the page. These people are being paid to do a quality job. If they aren't, it's not because they don't have the capacity to do the job, they are just being sloppy. The machines CAN run at top grade quality, it's the people running them that might not be. Voice your concerns and insist on quality. If you don't get results, take your business elsewhere and let them know why you're doing that.

DID YOU KNOW.....

That crude copper is usually refined before it is marketed? There are two reasons: (1) The crude copper contains appreciable amounts of silver and gold. The value of these metals when recovered is enough to pay for the cost of refining. (2) Copper is largely used for electrical conductors and a very small amount of impurities increases the electrical resistance. Next to silver, copper is the best conductor of electricity. Brass is an alloy of copper and zinc, while bronze contains copper and tin and sometimes includes zinc. German silver contains copper, zinc and nickel. All our coins contain some copper. The penny has as high as 95%. Both silver and gold coins contain 10% copper to increase the hardness. Some silver and gold jewelry contain copper for the same reason.

-Ozark Earth Science News via
The Glacial Drifter

* * * * *

CAN YOU NAME THE GEOLOGIC PERIODS IN ORDER?

Someone in the G.I NUGGET made up the following to help them remember.

Geologists remember geological periods with these lines: Camels Offer Sit Down Carefully. Perhaps Their Joints Creak. Early Oiling might Prevent Permanent Rheumatism.

Use the first letter of each word to think of the period- CAMBRIAN, ORDOVICIAN, EOCENE, SILURIAN, DEVONIAN, CARBONIFEROUS, PERMIAN, TRIASSIC, JURASSIC, CRETACEOUS, EOCENE, OLIGOCENE, MIOCENE, PLIOCENE, PLEISTOCENE, RECENT.

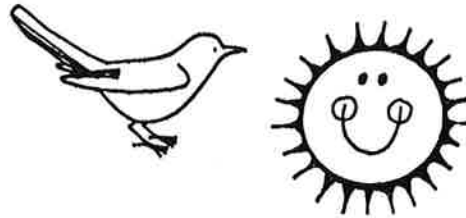
* * * * *

MIDDLE AGE IS ACTUALLY THE PRIME OF LIFE. IT TAKES JUST A LITTLE LONGER TO GET PRIMED!!

* * * * *

The roster will be printed EARLY in Feb. so if you want your names in it-- GET YOUR DUES PAID....

SUNSHINE REPORT



BIRTHDAYS



Paul Crum Jan 6th
Gordon Dobecki Jan 14th
Clarence Orrell Jan 14th
Marilyn Meier Jan. 26th

ANNIVERSARIES

Jess and Bess Wise Jan 21st.
Keep Smilin'
Kathy

It is with deep regret we announce the death of a member, Clifford Fowler. Cliff was a long time member, and a very nice man. He attended the Christmas party and at that time he said he felt very good. He would have celebrated his 86th birthday this month. We will miss him. Our sincere sympathy goes out to his family.



Got some marcasite that is going to pieces? You are not alone as this mineral is very unstable. Here are some hints for preserving it. Mix one heaping tablespoon of baking soda in one quart water. Let it effervesce and wash the marcasite in medium weight mineral oil and drain well. Check the boxes in which marcasite specimens are stored as they form sulphuric acid and can eat through their containers. They should not be stored in white paper because of agents used in the paper making process.

Juice from banana peels makes a perfect silver polish Cut the hard ends off the banana and put the rest in the food processor. Rub the banana peel puree on your silver and see the shine.

via Arkansas Rockhound news 7/89
The Agatizer 7/90

THE AMERICAN FEDERATION

SERVING THE SIX REGIONAL FEDERATIONS



Public Relations

"You only get one chance at making a good first impression." That cliché applies now especially, as we attempt to enrich and expand our hobby and its clubs. We now more than ever compete with other leisure-time activities.

This letter is addressed to you to solicit help in establishing a foundation to improve the public's perception of those of us in this great hobby of "Rockhounding."

As I see it, we meet the general public in three ways:

FIRST—at our gem and mineral shows (approx. 50%). The Lapidary Journal stated some time ago that many visit gemshows to see the "dealers" as well as the displays, special exhibits, jewelry-making demonstrations and other attractions. Our shows therefore should be built around all of these activities we enjoy so much as rockhounds and Earth Science students.

SECOND—fairs, mall shows, open houses, club meetings, etc.(30%) When we make visitors (potential new members) seem welcome to these events they see the things that can be made and collected from our efforts in this hobby. For impact, it must be an organized meeting or event to be impressive.

THIRD—General contacts (approx. 20%) Schools, library displays, Scoutoramas, Chamber of Commerce, etc. Adults as well as younger people take notice of our hobby and perhaps desire to belong.

We exert a tremendous work effort into our gem shows because they are of primary concern. That's where one of our first public impressions is made. We should be sure that these shows stand out for our hobby. They are not craftshows and fleamarket types of enterprises.

GEM AND MINERAL SHOWS; Lapidary arts (cabs, intarsia, etc.), gems and gemstones, silver- and goldsmithing, faceting, carving, tumbling, gem ID, minerals, fossils, specimens, crystals, spheres (natural), rocks, supplies, casting, jewelry making, rock painting, slabs, lamp and gemtree-making, geology, gemology, paleontology, jewelry designing and other "earth products." We work in earth science. Show chairpersons might wish to follow these guidelines when planning for gemshows and be aware that many first impressions are made on the general public at these times.

If it is at all possible, clubs might review their by-laws to see if it is a good idea to establish two new "appointed" positions in their clubs; (1) a chairperson for public relations, and (2) an education coordinator (schools). Persons selected to fill these positions should be personable, outgoing and enthusiastic as the future depends on our getting (and keeping) new members...What better source for initial contact than school children.

In the next article we'll try to provide ideas on how to make contacts, draft stories and articles for your local newspapers, impress the public with examples of our work, how to promote our hobby and the extended use of club bulletins to further these efforts.

All Club Bulletin Editors:

Please print this in its entirety so that members everywhere can get a feel for the direction we must travel if we are to regain our rightful recognition as an interesting, viable hobby. **Let's go for a 10% increase in membership!**

Hal O'Leary, Chairman
 AFMS Public Relations
 Post Office Box 5538
 Grants Pass, OR 97527-5538

