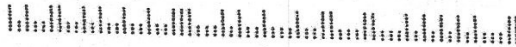


CML&MS  
4519 Seneca  
Okemos MI 48864

**TIME VALUE**  
**FIRST CLASS**



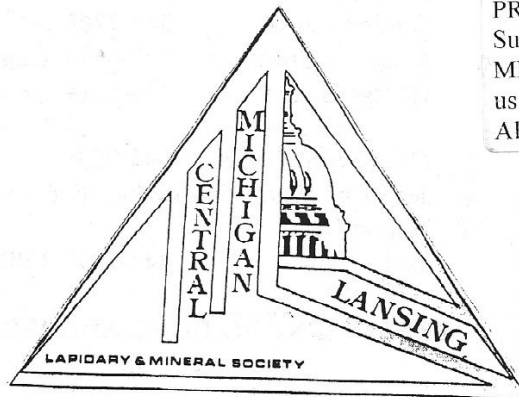
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# ROCKHOUND NEWS

**April 2001**

PROGRAM: Steve Wilson (Geologic Survey DEQ) will demonstrate a CD of MI geological info. Milt Gere will fill us in on the DNR "Stay Out- Stay Alive" program.



Official publication of the  
**Central Michigan Lapidary & Mineral Society**  
Affiliated with MWF & AFMS

## ROCKHOUND NEWS

This bulletin is the official publication of the Central Michigan Lapidary and Mineral Society of Greater Lansing, Michigan. It is published the second week of each month except July and August.

The Central Michigan Lapidary and Mineral Society is a non-profit organization, meeting to promote interest and increased knowledge in the fields of mineralogy, geology, paleontology and the lapidary arts. It was organized in May, 1957.

**Meeting place: North School, 333 E. Miller Rd, Lansing MI**

**Meeting date: Third Thursday, except in July and August**

**Meeting time: 7:30 pm; doors are open at 7:00 pm**

**Annual dues: Adults \$5.00, Students \$1.00**

### OFFICERS 2001

President	Ed Drown	347-5097	EdDrown@aol.com	✓
Vice President	Jean Ann Wahl-Piotrowski	616-948-9589	jawp2@voyager.net	✓
Recording Secretary	Mary Gowans	351-6136		✓
Corresponding Secretary	Connie Snapp	339-2863		✓
Roster Secretary	Wayne Zittel	485-2002		✓
Treasurer	Alan Hukill	641-6125		✓
1 Year Director	Milton Gere	669-2116		✓
2 Year Director	Gail Hopkins	886-6047		✓
3 Year Director	Alice Turner	694-9596		✓
Liaison Officer	Bettie Patterson	347-8821		✓
Past President	Mary Kay Bean	351-1107		✓

### COMMITTEE CHAIRS

Program	Jean Ann Wahl-Piotrowski	616-948-9589		
Membership	Mary Kay Bean	351-1107		✓
Finance	Gordon Lewis	349-2263		✓
Education	Margaret Green	882-3637	magre@webtv.net	✓
Field Trips	George Heaton	339-8914		✓
Library	Lee Laylin	349-3249	laylin.leora@acd.net	✓
Display	Grit (Irwin) Turner	694-9596		
Publications	Jean Ann Wahl-Piotrowski	616-948-9589	jawp2@voyager.net	
Show	Milton Gere			
	Ed Drown	347-5097	EdDrown@aol.com	

### PERMANENT MAILING ADDRESS:

4519 Seneca Dr.  
Okemos MI 48864-1837

### AFFILIATED WITH:

Midwest Federation of Mineralogical and Geological Societies

<http://www.comean.com/rock/mwf>

American Federation of Mineralogical Societies

**REGULAR MEETING: APRIL 19**  
**FOLKS WITH LAST NAMES R-Z, PLEASE BRING REFRESHMENTS!**  
**MINERAL OF MONTH: ZIRCON      PROGRAM: ?????**

**BANQUET** - Ed Drown

Tickets are available from Wayne Zittel - \$7.50 for adults, \$3.50 for those 12 and under.

Menu - well, if the voting goes more smoothly than in Florida we will have something to eat, just what is up to you. The choices are the same as in the past years: Chicken vs. Swiss Steak, Corn vs. Green Beans and Salad vs. Cole Slaw. No "butterfly ballots" or "dimpled chads" for this one - just be at the April meeting and let your voice be heard.

**BANQUET SOCIAL HOUR** - Connie Snepp

Refreshments are served from 5:30 to 6:30 before our banquet. The club furnishes punch and crackers along with a few other items, but we need members to bring spreads, dips, etc. to fill out.

Also, the club purchases several door prizes, but the more the merrier, so if you have anything you can donate, please bring it wrapped.

**FIELD TRIP TO BLUFFTON OHIO, APRIL 21** - George Heaton

Our April field trip will be to the Bluffton Stone Co. Quarry at Bluffton Ohio on Saturday, April 21. We will meet at the quarry office at 7:00 am. All field trippers must wear a hard hat, hard toed boots, and safety glasses or goggles. Tools needed are chisels in both large and small sizes, chack hammers of 2-3 lb. size, pry bars and sledge hammer of 8-10 lb. size are often useful. Don't forget wrapping paper and boxes for packing specimens.

Minerals to be found include fluorite, dolomite, and sphalerite. To get to the Bluffton Stone Co. Quarry take I-75 south in Ohio to the second Bluffton exit, exit 140. Just before the exit you will see the quarry next to the highway. Take exit 140 and turn right. Go a short distance to Harmon Road and turn right on Harmon Road. Take Harmon Road to the next street, turn right and cross a railroad track and you are at the quarry.

**INDIAN MOUNDS INVITATION - 28 APR 01** - Ed Drown

Four members of our club have been invited to attend the Indian Mounds Pot-Luck. The first four people that tell me they want to go by the April General Meeting get to go to Wyoming, MI and listen to Ben Edwards, a volcanologist, from GVSU talk about what else, volcanoes!

**CORRESPONDING SECRETARY** - Connie Snepp

Larry Bourland is back to his ebullient self after undergoing eye surgery. Mary Kay Bean was unable to attend the last meeting because she had not fully recovered from her heart problems. Nevertheless, she wrote a note to the club thanking us for cards, flowers and prayers.

Since my last report get well cards were sent to Daphene Hansor, Richard Stevens (cataract and hernia surgery), and Wayne zit tel. A thinking of you card went to Florence Hill and a sympathy card to Sally Barber on the loss of her daughter.

**SCHOLARSHIP AWARDED** (jawp)

This year's scholarship to a student of geological science at Michigan State University was awarded to Arlene Anderson. The committee was impressed with Arlene's efforts to pay for her own education. She worked at GM full time and went to school part time for three years. Arlene is interested in pursuing hard rock geology, or possibly environmental geology.

**EDUCATION COMMITTEE** – Margaret Green

**Mineral of the Month:** Zircon; Minerology of Michigan, page 211. See display at April General Membership meeting.

**Coming Events**, call Margaret for details:

Saturday, April 21st. Earth Day at Fenner Arboretum, Lansing Mi.

Wednesday, April 25th. Science night at Woldemar Nature Center, Lansing Mi. 6-8p.m.

Wednesday, May 9th Fairview Elementary Science Night. 6-8p.m.

All volunteers to do a demonstrations are welcome to bring their own material or borrow some of the clubs stuff. Please call and let me know your planning to help so I can make sure we have enough table space, electricity, etc.

Remember the Midland Center for the Arts has Quartz and Butterflies on exhibit until the 15th of April. This is a museum worth the trip.

There are three opportunities left in April to view rocks, minerals, fossils and lapidary arts at other club shows in Michigan, if you can't make our club field trip on the 21st to the quarry at Bluffton, Ohio. See the calendar of events in the newsletter for dates and places.

**MARCH FIELD TRIP**—George Heaton

Our March 24 field trip to the Irving Materials, Inc. Quarry near Anderson Indiana attracted eight Friends of Mineralogy members and ten from our Lansing club. Those people who stayed home because they thought the weather might be too wet or too cold missed what turned out to be a beautiful collecting day. As usual for a George Heaton field trip it was sunny and dry although a bit cool which allowed one to work hard without getting hot and sweaty. This was a good start for the collecting season.

I believe everyone was able to collect an ample amount of calcite and I even saw quite a few decent specimens that some of our group had found. I think our children's table should make out quite well. Some of us even collected some nice yard rocks that came from the glacial drift that was stripped off the bedrock by the quarry operation. George and his brother spent about twenty minutes trying to load one into the car that didn't look very big but it proved to be heavy for us. I guess the force of gravity must be getting stronger as the years go by.

**2001 MAPS CONVENTION (Mid-America Paleontology Society)**--Connie Snepp

Fossil lovers get their annual high at the MAPS show held at Western Illinois University. Neil and I found this year's convention to be outstanding. We stayed in the dorm for \$26 a night; the show and lectures are free, but the allure of so many fossils for sale raises the ante! This year the Field Museum sent staff members with a replica of Sue's skull and a few other of her bones. Bill Simpson gave a presentation with fascinating slides and videos documenting the history of Sue from her discovery to unveiling.

A highlight of the business meeting was the presentation of the Katherine Palmer award of the Paleontology Research Institute to our friend Paleo Joe, last year's banquet speaker, for his outstanding work in education.

**MAPS convention cont.**

Since the theme of this year's meeting was TRILOBITES, the keynote speaker, Professor John Adrain of the University of Iowa, chose as his topic, "Hot Deserts, Cold Deserts and Black Bugs." His research problem addressed was finding a link between the proliferation of Cambrian trilobite species and the totally different Ordovician species that followed them. They were able to find some matches by comparing the larval stages found in Nevada.

Next year's meeting will feature trace fossils (tracks) and will be held April 12, 13 and 14. You do not need to be a MAPS member to attend the show and lectures.

**Joseph "PaleoJoe" Kchodl Receives Prestigious Award**

(Midland Center for the Arts press release 4-4-01)

The Hall of Ideas of Midland Center for the Arts congratulates Joseph Kchodl on recently receiving the Paleontological Research Institution's 2001 Katherine Palmer Award for outstanding contributions to the field of paleontology as a non-professional. He was presented with the award on March 30 at the Annual Fossil Expo of the Mid America Paleontological Society, which was held in Illinois.

Since he was a child, Kchodl has had a passion for fossils. He is eager to share his life-long knowledge. For youth and family audiences, he assumes the persona of "PaleoJoe," sharing information and his private fossil collection. He dresses the part of fossil digger extraordinaire, too. Kids and adults enjoy his theatrical touch, and his own excitement for fossils has a contagious effect.

Kchodl has been a Midland resident since 1994, at which time he loaned the Hall of Ideas a small representation from his trilobite collection. He subsequently became a science educator for the Hall of Ideas' "Adventures in Education" outreach series. In the ensuing years, he has taken a more visible commitment to science and fossil literacy with a six-part series of television shows that are featured on Midland Community Television. He was recently involved with the Trilobite Fossil Trading Card Game at the Hall of Ideas.

Kchodl said, "I have a strong desire to share my knowledge, as well as collections, with people. I feel that to share that knowledge and my collections is one of the most important things I can do in my life, and I am proud to be able to do so."

Congratulations, Joseph "PaleoJoe" Kchodl! You've earned this very prestigious award.

**FACETERS GUILD SEMINAR**

The Midwest Faceters Guild proudly presents its twelfth annual weekend "Faceters PLUS Seminar," which is devoted to faceting, facts, friends and fun. The Midwest Faceters Guild presents some of the finest instructors ever gathered to share their years of cutting and teaching experience. Join in for a fun, fact filled weekend of learning. Meet old friends and make new ones!

Our classes this year include 4 levels of faceting: Beginners, Advanced Faceting, Open Faceting and Gem Cad; PLUS Lost Wax Casting, Chain Making, Jewelry Finishing and Bead Workshop.

**Factors Guild Seminar cont.**

Once again, this year's Seminar will be held on the beautiful campus of the **Air Conditioned Mott College**, located in Flint, Michigan. The dates are August 17-19.

Registration is limited -don't be disappointed. Send in your registration early. The deadline for registration is July 24, 2001. Classes are filled on a first come first served basis.

Packets for the seminar are obtainable by contacting Harold "Arizona" Rice ph phone, e-mail or the mail service. Following are the lines of communication: Harold "Arizona" Rice, 122 Lois Lane, Mt. Clemens MI 48043, or by phone 810-463-5972, or by e-mail azrice@wwdb.org.

**LAKE SUPERIOR DIVE VENTURE (For The Jaspilite, By Ray DeMark)**

One of the field trips scheduled during the Red Metal Retreat in Houghton this past August was "snorkeling for agates" on the Great Sand Bay in Keweenaw County. Bob Barron, who has developed many of the outstanding exhibits at the A.E. Seaman Mineralogical Museum at Michigan Tech, was the leader of the trip. Snorkeling in Lake Superior requires a full wet suit. Without a suit, hypothermia would rapidly develop, as water temperatures, even in the summer, can be in the 40's and 50's.

Six forewarned, hardy souls showed up for the snorkeling venture at Great Sand Bay. The technique was to snorkel parallel to the shore in water from 1 to 3 feet deep, with eyes glued to the bottom, looking for agates (preferably large, unfractured and well banded). After about an hour my hands, protected only by work gloves, were so numb that I couldn't have picked up an agate if I found one! Actually, I had found a nicely banded agate earlier, but that was to be the "find of the day." Most of the adventurers had only chilled bones to show for their efforts, although one young lad found a nice agate next to shore using a view box.

During the course of the snorkeling, Bob Barron mentioned that he had found a huge copper mass off the coast of Great Sand Bay. He said it was on the order of 30 to 40 tons --and was loose! Totally intrigued by this story, Bob offered to take me out to the location in his boat, for a tour of the site.

I jumped at the chance, and we made arrangements to meet two weeks later, at Narcosis Corners Dive Shop in Centennial Heights, for the trip. Most of my dive gear was out of date/repair, so I had to rent equipment, plus 30 pounds of lead to get to the bottom. In any case, Bob and I motored out of Eagle River Marina that morning headed for Great Sand Bay.

By skillful triangulation using onshore landmarks, Bob was able to position the boat near the copper mass. The location is roughly one half mile off shore and in about 30 to 40 feet of water depth. The weather conditions were perfect, with very little swell. Over the side we went, into visibility of about 15 to 20 feet. The mass was shortly located, and it was quite a sight! It seemed about 15 to 18 feet long, and maybe 6 to 7 feet wide, tapering at one end. It was about two feet thick at the broad end, and narrowed toward the top. Bob had an underwater camera, so we took some photos to show the scale.

The color/patina was sort of a dull purple, which I suspect is a result of the copper altering to cuprite on the surface. Further exploration in the area revealed a fissure in the basalt with native copper protruding from the vein about a foot and continuing for maybe 20 feet. Quite a sight!

We made two dives in the area, each one lasting about an hour, before packing in the gear and heading home.

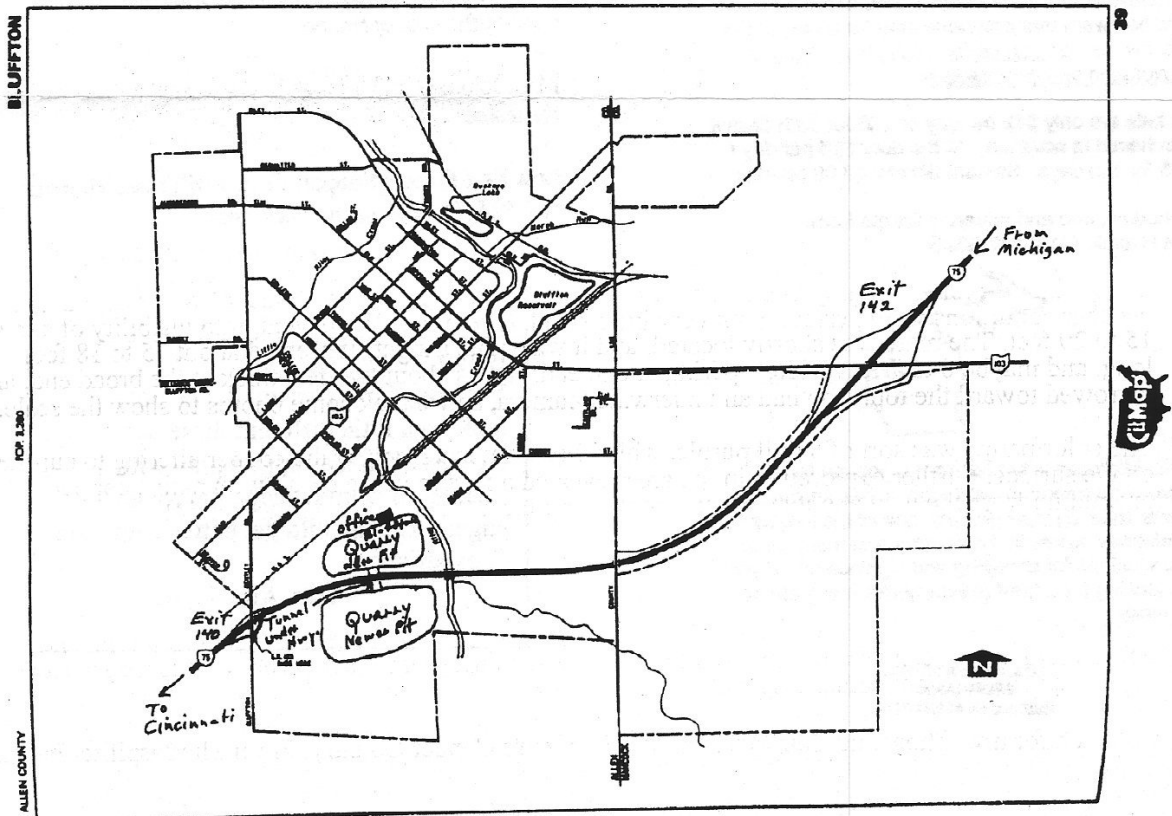
Bob tells me that he has developed the logistics for removing the mass from the lake bottom, and hopes that funding can be developed through the Seaman Museum for recovery of this magnificent copper specimen for eventual display.

So much for my "Show and Tell" dive trip in Michigan's Copper Country. From The Jaspilite, January 2001.

**SPRING & SUMMER SHOWS & STUFF**

- April 21-22 "Blossom Land Show" Bridgman MI. 10-5 both days. Exit 16 off I-94, 3 1/2 miles North on Red Arrow Highway. Free admission.
- April 5-7 Indian Mounds, Grand Rapids Show. Breton Village Mall, 1830 Breton Rd SE; Thurs & Fri 9:30am-9pm, Sat. 9:30-6:00
- April 27-29 Mt. Clemens Show. Fri. & Sat. 10-7, Sun. 11-6. Mt. Clemens Recreation Center, 300 N. Grosebeck, Mt. Clemens
- May 4-6 Kalamazoo Show. Fri. 4-8, Sat. 10-6, Sun. 10-5. Fairgrounds Country Center Bldg., take Sprinkle Rd. to Lake St.
- May 5-6 Cincinnati Show. New Location: Sabin Cincinnati Convention Center, 525 Elm St. Sat. 10-7, Sun. 11-5
- May 12 Auction of equipment, findings, stone. M.E. Waters, 8440 Sylvania-Metamora Rd. Sylvania OH, 10:00 am
- June 1-3 "Dearborn" Show. Allen Park Civic Arena, 15800 White, Allen Park
- June 16-17 MGAGS Seminar. Carter Middle School, Clio MI. More info: Grit & Alice Turner.
- Aug. 5-11 Keweenaw Week, Houghton MI. Field trips, talks. Registration required. [www.tamarackminerals.com/kw2001.htm](http://www.tamarackminerals.com/kw2001.htm)
- Aug. 10-12 Copper Country Show, Portage Twp. School Gymnasium. Fri. 1-9, Sat. 10-6. Sun. 11-5
- Aug. 17-19 Midwest Faceters Guild "Faceters PLUS Seminar" Mott College, Flint. Registration required, contact Harold Rice 810-463-5972 or [azrice@wwdb.org](mailto:azrice@wwdb.org)

Map to April 21 Fieldtrip, Bluffton OH



## M.G.A.G.S. SEMINAR YOU'RE INVITED!

Michigan Geology and Gemcraft Society (MGAGS) invites all 'rockhounds' to gather at Carter Middle School in Clio, Michigan for the 27th annual "Rockhound Weekend", June 16 and 17, 2001.

More than 25 presentations will be offered each day including:

an all day Lapidary Workshop,  
all day Silversmithing Workshop,  
Flintknapping (Saturday only)  
Soapstone Carving " "

### AND

Wire-wrap jewelry	fossils	faceting
Indiana Geodes	beadmaking	soldering
doublets & triplets	sand casting	spheres
channel inlay	specific gravity	gem trees
Mineral ID	Michigan Sinkholes	

'Oil & Gas in Michigan'

"Collecting Millerite at Bayport"

and more topics of general and specific interest

Some presentations are 'hands on workshops' with materials available at cost and participants are encouraged to bring their own tools if possible. Request schedule for complete list of presentations and be aware that programs may be added at the last minute. So join us for a fun filled weekend of exploration and camaraderie!

Tickets are only \$12 per day or \$20 for both days if purchased in advance. At the door \$15 per day / \$25 for two days. Student tickets: \$3.00 per day.

Schedule, info and advance tickets from:  
Pat Hapiuk, (313) 937-3228



(Clio, Michigan is not far from a popular tourist area - Frankenmuth, Michigan - well known for 'home style' chicken dinners, one of the largest 'Christmas' stores in the country and many other opportunities for shopping and sightseeing. If you are looking for a brief get-away this is a great opportunity.)

Mrs. Patricia Hapiuk  
28089 Dover  
Redford MI 48238-1883

### Forwarded by Polly Church Bulletins:

"Ladies, don't forget the rummage sale. It's a chance to get rid of those things not worth keeping around the house. Don't forget your husbands."

Don't let worry kill you. Let the church help.

A bean supper will be held on Tuesday evening in the church hall. Music will follow.

At the evening service tonight, the sermon topic will be "What is Hell?" Come early and listen to our choir practice.

Scouts are saving aluminum cans, bottles, and other items to be recycled. Proceeds will be used to cripple children.

Weight Watchers will meet at 7 PM at the First Presbyterian Church. Please use the large double door at the side entrance.

Mrs. Johnson will be entering the hospital this week for testes.

Low Self Esteem Support Group will meet Thursday at 7 PM. Please use the back door.

Via Michigan Gem News 3/01

#### Editors note:

You may have noticed the layout is looking a little different these last two months. I'm learning to play with a scanner. I acknowledge the rough edges. That should get better with time & experience.

Jean Ann