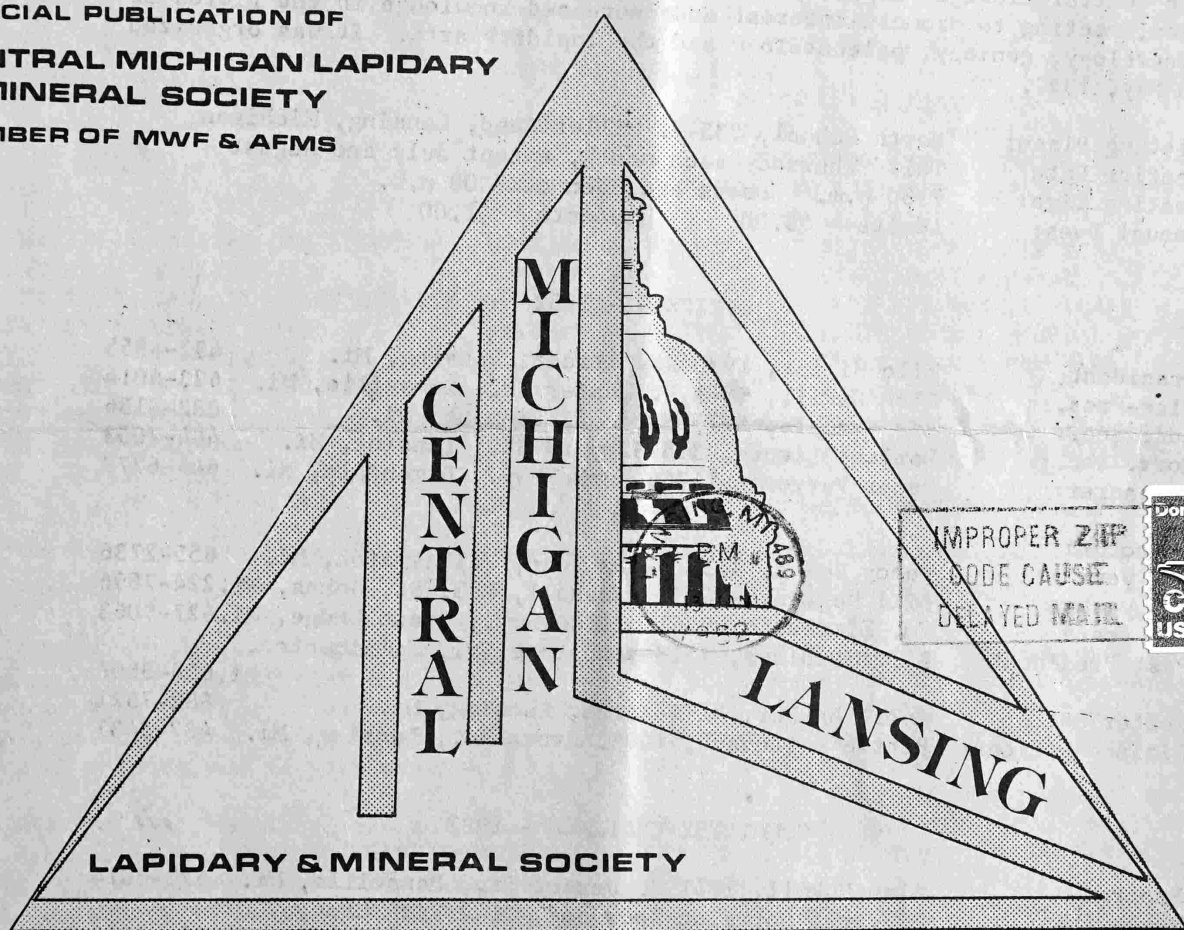


ROCKHOUND NEWS

JAN.

OFFICIAL PUBLICATION OF
CENTRAL MICHIGAN LAPIDARY
& MINERAL SOCIETY
MEMBER OF MWF & AFMS



Return to:
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Lansing, Michigan 48906

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FIRST CLASS

TIME VALUE

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 Road, Lansing, Michigan
Meeting Date: Third Thursday each month, except July and August
Meeting Time: 7:30 p.m. Doors are open at 7:00 p.m.
Annual Dues: Adults \$3.00 Students \$1.00

OFFICERS - 1982

President: Milo Hillis, 1920 Ray Street, Lansing, Mi. 482-8855
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2 years: Bill Rogers, 234 W. Marshall, R 3, St. Johns, Mi. 224-7596
3 years: Wm. Zimmerman, 8741 Willow Hwy., Grand Ledge, Mi. 627-9063
Past President: Bill Gardiner, 4518 Sandstone Dr., Williamston, Mi. 655-3608
Roster Sec: Sally Barber, 3215 Karne, Lansing, Mi. 882-7621
Liaison Officer: Bettie Patterson, 14933 Brown Rd., Lansing, Mi. 482-3437

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Program: Alan Hukill, 1841 E. Dexter Tr., Dansville, Mi. 623-6014
Membership: Eliger & Lorraine Rockwood, 2142 Park Lane, Holt, Mi. 694-3769
Finance: Keith Diener, 315 Shepard St., Lansing, Mi. 484-7053
Library: Grit and Alice Turner, 2667 Pinetree, Holt, Mi. 694-9596
Field Trip: Read Myers, 1415 W. Ionia, Lansing, Mi. 485-6686
Display: Nancy Smith, 3435 Dietz Rd., Williamston, Mi. 655-2736
Education: Milton Gere, 307 Kensington Road, Lansing, Mi. 484-2881
Publication: Marie Lewis, 2046 Sandhill Road, Mason, Mi. 349-2263
1982 Show: Florence Hill, 3135 Okemos Road, Mason, Mi. 349-3554

Material in this bulletin may be used by others, provided acknowledgement is made of the source and author. All copy for an issue must be in to the editor by the first Thursday of each month.

Midwest Federations NEWSLETTER

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JANUARY 1982 - Issue No. 220



WINNERS AT SOUTH BEND

TROPHY III	THUMBNAIL MINERALS	REV. CARL J. YAGLEY
		MICHIGAN MINERALOGICAL SOCIETY
TROPHY V	JUNIOR MINERALS	WAYNE MANCHESTER
		TOLEDO GEM & MINERAL CLUB
TROPHY VI	LAPIDARY	JOHN & GRACE KURGAN
		CHICAGO LAPIDARY CLUB
TROPHY VII	CABOCHONS	DONALD C. WEED
		LIVINGSTON GEM & MINERAL SOCIETY
TROPHY VIII	SPECIALIZED LAPIDARY	HARRY C. STEVENS
		PARMA LAPIDARY CLUB
TROPHY IX	FACETED GEM STONES	WILLIAM J. HORTON
TROPHY XI	FOSSILS	GERALD KLOC
TROPHY XIII	JEWELRY & ART METALCRAFT	TERRY LICKO
TROPHY XIV	EDUCATIONAL	MILDRED E. HECKERT
TROPHY XV	SOCIETY	FLINT FACETEERS
TROPHY XVII	EDUCATIONAL JUNIOR	CHRIS TADYCH
TROPHY XXIII	OPEN	ROBERT HEINEK
TROPHY XXVI	CARVING	HARRY B. WYKES
TROPHY XXVII	PERSONALLY COLLECTED	
	FOSSILS	GERALD KLOC
		CINCINNATI MINERAL SOCIETY
		FLINT ROCK & GEM CLUB
		CINCINNATI MINERAL SOCIETY
		WEST SUBURBAN LAPIDARY CLUB
		ELGIN ROCK & MINERAL SOCIETY
		FLINT ROCK & GEM CLUB
		ROEHM GEOLOGY CLUB
		MICHIANNA ROCK & GEM CLUB
		FLINT ROCK & GEM CLUB

NEW PAMPHLETS.....

The AFMS has just released a new manual on MINERAL CLASSIFICATION LIST and each club has been sent one copy. Have you seen it? Does your club offer it for use? It is to serve as a guide and is very precise.

The MWF has just completed and now has ready for distribution - THE MEL SHARP SHOW MANUAL. It is offered to the clubs of our Federation on request to CLINT HECKERT, supply chairman. It is not the policy of the MWF to tell a club what kind of show to put on, but if you are planning a show, this manual will help with suggestions for a successful show. There are many ideas under the headings of TICKET SALES, DOOR PRIZES, DEALERS, SECURITY COMMITTEE, HOSPITALITY, INFORMATION, INSURANCE, SPECIAL EVENTS, ETC. From time to time there will be updating on this issue....

BETTE SMITH, Editor

SCOOP.....THE KALAMAZOO GEOLOGICAL & MINERAL SOCIETY, KALAMAZOO, MICHIGAN, WILL HOST THE 1983 MWF SHOW & CONVENTION.....

ARE YOU TAKING ADVANTAGE???

In the MWF Directory "white pages" is a list of your Federation's Executive Committee, including all committee chairmen and their assistants. They are listed there so they can be of service to YOU!!

Want to know if your proposed show/swap date conflicts with that of a neighboring Club? Ask the State Director or the Assistant nearest you.

Need some ideas for your Juniors meeting? Want to be sure you are interpreting the Uniform Rules correctly? Are you a new bulletin editor who feels like yelling "HELP"? Interested in having a program on a topic no one in your club knows enough about to present it by themselves? Need some advice on setting up a study group or special sessions on archaeology, micromounts, or any other area of our hobby?

Then take advantage of the people who have offered to help you by accepting a position listed in the Directory. And if you aren't sure just who to call on, contact me. We are ALL here to serve you.

DIANE DARE, MWF 1st Vice-President

A WINTER SURVIVAL KIT

To help motorists cope with frigid winter temperatures and blizzard conditions, AAA recommends that winter travelers should keep a Winter Survival Kit in their cars..an invaluable resource, should they become stranded during a winter storm.

Common sense is the motorist's most valuable asset during a winter emergency and this includes keeping your gas tank full, especially when there is a severe winter storm watch. Not only will the added fuel keep your car going longer, but should you become stranded, this can help provide heat from the car heater for as long as gas lasts. Motorists are warned NOT to abandon their cars if stranded, since the chance of becoming lost or succumbing to the elements is much greater outside it.

If stranded, motorists should check to be sure the exhaust pipe is not clogged with snow or ice. A clogged exhaust pipe can force carbon monoxide fumes into the car's interior. Run the car at about 15 minute intervals to keep warm and have a window open slightly for fresh air, and, at the first sign of drowsiness or headache, turn off the ignition and open the windows. This could be a sign of carbon monoxide poisoning.

Following is a list of items in a Survival Kit:

1. A thermo blanket - for warmth.
2. Newspapers - an excellent insulator when placed inside shirts, sweaters, coats, etc.
3. Coffee can and candle. These to be used as a miniature furnace. Drip some melted wax onto the bottom of the can to anchor the candle. The lighted candle inside the metal absorbs and holds the heat to warm hands, feet or face. (Care should be used NOT to tip over the can)
4. Matches for the candle.
5. Flashlight and flares - for signaling.
6. Candy bars and store-packed or tinned food for nourishment. Snow can be melted for water.
7. Tools - pliers, screwdriver and adjustable wrench, plus an ice scraper and brush.
8. Boots, should it become necessary to walk in the heavy snow.
9. First Aid Kit.

So, plan immediately to winterize your trunk if you have not already done so, and enjoy a safe winter.

HELEN R. NEUMANN, MWF Safety & Field Trip
Chairman

PROGRAMS

We have been receiving complaints lately about programs having slides out of order, upside down, and so on. If your Program Chairman was to review every program each time it came back can you picture working an eighty hour week? They are sent, in most cases, early enough for the Club Program Chairperson to review and become familiar with them, see that they are in order, learn to pronounce unfamiliar words, place them in a reel that fits your projector (this is how they become mixed up) and be ready to do a good job in presentation. The job at both ends is spelled "VOLUNTEER", and we are happy to help, but would not be able to do as much as we do if we had to review every program.

Following are a few of the ten geology programs purchased by the MGAGS and donated to the MWF Film Library.

UNCOVERING MICHIGAN #103: by DR. HAROLD WINTERS, Department of Geography, Michigan State University, tells the story of the melting of the Pleistocene Ice Sheet, leaving behind the glacial features of the Michigan landscape. 35 slides. The features and their genesis are described in such a way that students should be able to appreciate the processes involved in their formation, rather than just learning to recognize features.

OUR CHANGING STATE #112: illustrates the different geological conditions that have resulted in the rocks of Michigan, and their relationship to each other. JAN WOERNER, the author, was a teacher in Freeland. In 50 slides the main features of the intrusive, volcanic and metamorphic rocks of the Upper Peninsula and the copper and iron ore deposits are described. The Paleozoic sediments of the Michigan Basin and the Pleistocene cover are included with the whole assembled in such a way that students will gain an understanding of the geology of Michigan.

BUILD A BEACH - ERODE A SHORE #111: is a companion set to "The Great Lakes - Then & Now". The processes of sediment erosion, movement and deposition within the Great Lakes system is illustrated with both aerial and ground photography and provides an understanding of the ongoing forces which change the shorelines, near off-shore areas, rivers and channels which are part of the Great Lakes System. 77 slides.

LOUISE STINNETT, MWF Program Chairman

PRESIDENT'S MESSAGE -----

As we say goodbye to 1981 and look forward to a better year of 1982, the best theme I can think of is Our Club's 25th Anniversary. I am hoping we can all work together to make this our best year ever.

If you have any suggestions on programs, field trips, education, or any other please call the committee chairmen and tell them your idea. Remember it takes all members of the club working together to make this a great club.

We are trying to make a list of club members who are willing to visit schools and scout troops to talk about any phase of our hobby. Please call Shar & Milton Gere, Education Chairmen.

Milo Hillis

Program Chairman - Alan Hukill

The program for the January meeting will be a presentation by Mr. James LeTerneau on the subject of jewelry casting. Mr. LeTerneau teaches jewelry and related courses at Lansing Community College.

Roster Secretary - Sally Barber

Dues are due by February 1. If your dues are not paid by February 1, you will not be listed in the new directory. It will be ready for printing shortly after that.

You may mail your dues to: Sally Barber, Roster Secretary
3215 Karen Street
Lansing, Michigan 48910

Be sure checks are made out to Central Michigan Lapidary & Mineral Society.
Adults - \$3.00 ea. Students under 18 - \$1.00 ea. Thank you.

CORRESPONDING SECRETARY - Darlene Diener

Get well cards were sent to the following in December: Ken Maxwell, Zoa Bennett, Nel Langham and John Williams.

A sympathy card was sent to the wife of Howard Cheney.

EDUCATION - Shar & Milton Gere

Once again we need YOUR help. During the year the club receives numerous requests for speakers for various groups as well as requests for displays and hobby demonstrations. Will you PLEASE HELP? At the January meeting we will have sheets for you to list your various areas of "interest to educate others" on. If you miss the meeting, please call us and we will add you to the lists.

Now for our own members-----Would you like to study another area of our hobby? Will you help others learn? We will also ask at the January meeting for you to list what you'd like to study. Are you willing to teach or help lead the study group? Once again, call us if you can't make the meeting but wish to sign up.

Please give us your education related ideas you would like to see started or continued.

FIELD TRIPS - Read Myers

Your new Field Trip Chairman for 1982 will have to use not only his talents to equal his predecessor's year of fun, but also those of Milo Hillis, Bill Gardiner and Red Rogers, his committee. Jim Patterson provided the opportunity for all of us to have a lot of good times in 1981. We thank Jim and Bettie.

Our field trips now are more on the social side, with the collecting areas closed to us. So how about going back a few years and take a trip to Bellevue while you are nice and warm in your favorite chair. You won't have to wear heavy shoes, bring a first-aid kit, wear hard hats, or bring your own drinking water. Just read the following:

The Cheney Quarry at Bellevue offered the rockhounds in this area a wide variety of specimens to begin, or to increase their collection. The area of operations was the third opening in the Central Michigan Lapidary and Mineral Society's history. Each successive pit opening was more productive than the previous one and like all searching areas, some days and blastings were more yielding than others.

With luck, you might have found some of the following:

1. Pyrite (or fool's gold) - first and most abundant. It has a brassy or yellowish look and is found in seams of the limestone.
2. Chalcopyrite has a copper look. Sometimes good tetragonal crystals are found (shaped somewhat like a pyramid). You might have found bladed specimens (Marcasite pseudomorphs) around minute dogtooth calcite crystals. There are a few places where one might find this bladed type Chalcopyrite. The iridescence of some of the Pyrite specimens is really a thin coating of Chalcopyrite.
3. Marcasite, a silvery looking mineral, also was found in veins of the limestone, and rarely with Calcites. It is much more fragile than Pyrite, and in time will surely oxidize or disintegrate when displayed or stored.

4. Pudding stones were found in the earthy perimeters of the pits, as well as odd-shaped rocks, etc.
5. Fossils were most always found grouped in abundance. Some limestone fragments from the blasting, with fossil inclusions, make good base foundations for decorative rock displays. The limestone with fossils usually fluoresced pale pink with a long-wave fluorescent light.
6. Concretions are mineral or rock-forming material, growing or adhering to a rough solid nucleus, and are found in the areas of sand and sandstone. They also were found in the waste areas that had been filled in.
7. Calcite, in dog-tooth crystal form. Some of the Calcite also fluoresced pink.
8. Siderite in Bellevue pits is the dark gray or mud-looking mineral sometimes in needle-like masses with Pyrite flecks, and could be easily identified by its extreme weight. It was hard to find in the past. It can be cut and polished, but is not of the quality you would want to brag about.
9. Iron Sulphate balls are a low form of iron, shaped like a ball, dark gray, but not in abundance. They are found in sandy earth areas near sandstone deposits.

If your fortune was very good, you remembered when cleaning your specimens of Pyrite and Calcite, not to immerse them in oxalic or hydrochloric acid if they had a limestone matrix, for the calcium released from the matrix material permanently coated the Calcite and Pyrite.

It is true that no one left Bellevue empty-handed or forgot to clean up their litter.

Sounds like we had fun. We did! So the committee will try to make arrangements for a trip to Bellevue this summer. We will do our best.

Note: The Field Trip Committee would like to have some volunteers to have an Open House in March or April. An Open House is a good way to get acquainted within the club and learn more about our hobby. You don't need a museum collection to have one. If interested, call Read Myers - 485-6686

SHOW BEZNEIS, 1982 - Florence Hill

TREASURE TROVE! By definition in Webster's - anything of the nature of treasure which one finds. Doesn't that sound like our shows?

Now for 1982. What can you think of to add to the treasures we will have at our show? What ideas do you have for bringing more treasure-seekers there? What would you like to do during the next nine months to help make our 1982 show a real gem?

Let's break that old habit of waiting to be asked. Just call the Show Chairman, a Show Committee member, or a club officer and say you have an idea or a willing pair of hands. We need you to make the 1982 CML&MS Gem and Mineral Show a dream-come-true TREASURE TROVE for everyone.

A NOTE FROM PAT MCCORT - 1981 Show Chairman - 1982 Show Advisor

CHILDREN'S TABLE: Due to the wonderful large turn-out for the 1981 Children's tour and show, the children's table is "hurting". In order to have enough good quality material for next year's show, we are going to have to ask all club members to please go through your "goodies" and sort out some nice pieces for the kids.

If possible, please identify and give location of specimens so we can individually identify each piece. You may also bring your donations to the monthly club meeting and load them right in the chairman's car.

Here are some of the specimens we can really use. Hematite, Septaria, Pyrite, Slabs, Galena, Mica, Copper, Selenite, Fluorite, Drill Cores, Tumbled Polished Stones, Geodes (whole, halves & slabs), Quartz (all types), Apache Tears, Chalcedony, Petrified Wood, Gypsum, Petoskey Stones, & Graphite. Donations also accepted of specimens not listed.

Your cooperation in the past has been very outstanding which has made CML&MS's children's table "one of a kind" in this area, and this year it will all depend on our club members to continue it. Thank you.

PETOSKEY STONES by Bill Gardiner

Over the last few years many have asked me about Petoskey Stones, how I polish them and how I get them to look so nice. And I've received many blank looks when I've responded by saying, "I cook them".

So now I'm putting on paper my recipe for cooking Petoskey Stones.

Like everyone else, I work my Petoskey on the sanding drums, first using 220 grit then 600 grit before polishing. There are numerous methods of putting the final polish on them, but I've found that what works best for me is Fabulustre. It is a dry compound that is put on a cotton buff as it turns at high speed. It will quickly polish the stone and even has some cutting properties and will remove scratches that were missed on the 600 paper.

Most call it quits after this, but I take the process one step further and here I begin my cooking.

I use a double-boiler set up. My equipment involves a cast iron frying pan with a pie tin inside of it, resting above the bottom. I put water in the frying pan and Opticon 224 in the pie tin, into which I place the polished Petoskey Stones.

This is placed on the stove or hot plate. As the water comes to a boil, the steam heats the Opticon which becomes very thin and penetrates the stone. This, in most cases, changes the whitish eyes of the stone to dark brown, makes the structure of the cell stand out better and in general increases the beauty of the stone.

I leave them in the Opticon for about 45 minutes. When removed, I place them in lacquer thinner. This will cut the Opticon off the surface. I then let them cool to room temperature, finally rubbing them briskly with a clean, soft cloth.

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When you purchase Opticon; It'll have other instructions in it for sealing fractures--it is a fracture sealer. I disregard these and also do not use the hardener that is included in the package. Thus, I can return the Opticon resin to the can and use it again later on the next batch.

This operation has never hurt a Petoskey, but it has improved most. Then, as I tell people after I cook them, "If I can't sell them, they are ready to eat".

#

REMEMBER-----

January 21, 1982.....Regular Meeting
North School, 333 E. Miller, Lansing
7:30 p.m.

February 4, 1982.....Board Meeting
Eliger and Lorraine Rockwood
2142 Park Lane, Holt, Michigan
7:30 p.m.

February 18, 1982.....Regular Meeting
North School, 333 E. Miller, Lansing
7:30 p.m.

OTHER EVENTS:

February 14, 1982.....Plymouth Rock and Mineral Society
6th Annual Open House
Demonstrations-Displays-Movies-Sales-and
more.
Noon 'til 5:00 p.m.
Plymouth Cultural Center, 525 Farmer
Plymouth, Michigan

March 13-14, 1982.....The Roamin Club
10th Annual Rock-Mineral-Jewelry Special
Auction., Bentley High School,
15100 Hubbard Road, Livonia, Michigan