

CMLMS
P.O. Box 24202
Lansing, Michigan 48909

**TIME VALUE
FIRST CLASS**

Rockhound News—December 2023

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

**Holiday
Celebration!**



Rockhound News

This bulletin is the official publication of the Central Michigan Lapidary and Mineral Society of greater Lansing, Michigan. It is published 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 and celebrated its 50th Anniversary in 2007.

Meeting place: Masonic Center, 2175 Hamilton Street, Okemos, MI

Regular meeting date: Third Thursday, except July and August

Meeting time: 7:00 p.m., doors are open at 6:30 p.m.

Annual Dues: Adults \$10.00; Families \$15.00; Students under 18 \$2.00

Board meetings: First Thursday, except July and August; 7:00 p.m., Okemos Library

OFFICERS 2023

President	Nate Krupp	517-285-5503 nathan.krupp1@gmail.com
Vice-President	VACANT	
Recording Secretary	Jessica Clark	517-242-0554 clark.jess.leigh@gmail.com
Corresponding Secretary	Theresa Hubbard	517-203-9620 thrshubbard@yahoo.com
Treasurer	Fawn Dunbar	517-488-1992 fawn.l.dunbar@gmail.com
1 Year Director	Steve Smith	517-896-6048 radssmith@radssmith.com
2 Year Director	Ruth Lehner	517-643-4406 geacie48@gmail.com
3 Year Director	Mattie Newman	616-590-9023 mattienewmanhelms@gmail.com
Roster Secretary	Mattie Newman	616-590-9023 mattienewmanhelms@gmail.com
Liaison Officer	Carl Mennare	517-599-1882 cmenn@yahoo.com
Past President	Sue Casler	517-582-2466 casler5copper@gmail.com

COMMITTEE CHAIRS 2023

Membership	Mattie Newman	616-590-9023 mattienewmanhelms@gmail.com
Field Trips	Carl Mennare	517-599-1882 cmenn@yahoo.com
Publications	Chuck Taricska	517-331-1737 chuck_taricska@yahoo.com
Display	VACANT	
Education and Outreach	Theresa Hubbard	517-203-9620 thrshubbard@yahoo.com
Library	Jessica Clark	517-242-0554 clark.jess.leigh@gmail.com
Finance	Milt Gere	517-669-8116 miltgere@aol.com
Show	Robin J. Smith	517-290-4891 rsmith@radssmith.com
Dealers and Demonstrators	Ruth Lehner	517-643-4406 geacie48@gmail.com
Web Master	Lyle Laylin	517-485-7908 lyle18@gmail.com

Permanent Mailing Address

CMLMS

P.O. Box 24202

Lansing, Michigan 48909

Club Website: <http://www.michrocks.org>

Please check out the website and Newsletter of our Affiliated club:

Midwest Federation of

Mineralogical and Geological Societies, <http://www.mwfed.org/>

ROCKHOUND NEWS

NEXT MEETING: Thursday, Dec. 21, 2023

PROGRAM: *Holiday Party and Rocky Gift Exchange, installation of new officers; MSU Endowed Scholarship update*

REFRESHMENTS: *Everyone bring holiday treats/goodies to share*

Location and Time: The CMLMS membership meeting will be held on December 21 at 7:00 p.m., at the **Masonic Center, 2175 Hamilton Street, beautiful downtown Okemos.**

Calendar for Winter 2023

December 7, 2023 - Board meeting, 6:00 p.m., Okemos Library

December 21, 2023 - Membership meeting, 7:00 p.m., Masonic Center

January 4, 2024 - Board meeting, 6:00 p.m., Okemos Library

January 18, 2024- Membership meeting, 7:00 p.m., Masonic Center

February 1, 2024 - **Board meeting Cancelled- Library Closed**

[Editor's note: the deadline for the newsletter is **Wed, 6pm.** after the board meeting.]

UPCOMING PROGRAMS

December 21 -Installation of officers, a presentation on the MSU Endowed Scholarship, Holiday party and Rocky Gift Exchange. Milt will swear in the Club Officers.

Please bring dish or holiday snack to share!

Special Instructions for the Rocky Gift Exchange (Please Read This!!)

If you want to **get a gift**, you must **bring a gift!** Gifts should be rock/mineral/lapidary related. Gifts may be:

- a) A special rock, mineral specimen, or fossil,
- b) books, magazines, or gifts related to minerals, gems or lapidary,
- c) small tools/materials related to rock collecting or faceting,
- d) toys, clothing, or anything else related to our club interests.

Please **wrap the gift you bring with you.

January 18 meeting: Specimen Identification and Silent Auction. Bring rocks/minerals you would like to identify; Bring items of interest you would like to sell to the group.

CLUB NEWS:

Club Field Trips:

- ROCKHOUND GEMBOREE, Bancroft Ontario Aug. 1-5, 2024
- SAVE THE DATE: We are planning on making a field trip to this show!

CANADA'S MOST CELEBRATED GEM AND MINERAL SHOW

Celebrate the wonders in Bancroft, Canada's Mineral Capital! The event brings together over 100 dealers of fine mineral specimens, gemstone jewelry, and lapidary supplies.

<http://www.bancroftrockhoundgemboree.ca/>

If you have any field trip ideas, please contact Carl at Cell phone **517-599-1882** or **cmenn@yahoo.com**. Please contact him if interested in getting emails as field trips are set up.

Dues are now being collected for 2024

It's that time again when you are asked to renew your membership in the Central Michigan Lapidary and Mineral Society. (Membership runs from January through December each year.) Membership dues for 2024 are being collected through the end of December, at which time, if unpaid, you will be removed from the list for the newsletter. If you have not paid, please remember you will no longer have privileges for field trips. **YOU MUST BE A SOCIETY MEMBER TO GO WITH THE SOCIETY.** Please keep in mind that December 31 of each year is the actual date your dues should be paid to the society so the board can plan accordingly for publishing an annual directory and insurance for each member for field trips.

Renewal forms are available on the web site <https://www.michrocks.org/club-info/join-us> and at meetings.

DO IT TODAY BEFORE YOU FORGET!!!!!!.

Celebrating Minerals

Minerals are identified by their structure which is made up of tiny particles called atoms. The way the atoms come together in each mineral is unique. This gives each mineral its own structure and characteristics that allow scientists to identify it. There are over 5,000 minerals on Earth.

What is the difference between a mineral and a rock? A rock is an aggregate or mix, of one or more minerals. Here are some fun facts about minerals to enjoy...

René Just Haüy

2022 was the bicentennial of the death of René Just Haüy (2/28/1743 – 6/3/1822). Not a name many of us know, but Haüy was a French mineralogist and is important because he is known as the Father of Modern Crystallography. He studied crystal structure, applied his theories to mineral classification and wrote several books including the *Traité de Minéralogie*.

To honor him and the importance of minerals in our world, the International Mineralogical Association named 2022 the Year of Mineralogy.

What are Mineralogy & Crystallography?

Mineralogy is the study of everything about minerals including their crystal structure, physical and chemical properties. Crystallography is the study of the structure and properties of crystals.

How Minerals Are Formed

Minerals are formed in four main ways:

- **From Magma** – Hot, molten lava cools and crystallizes to form minerals such as topaz.
- **From Water** – Chemicals in saturated water precipitate, or separate, into solids. An easy example is salt, halite, that's left behind after ocean water evaporates.
- **Alteration** – As minerals react, slowly or quickly, with their environment they form different minerals. Cuprite forms when it's exposed to oxygen.
- **Metamorphism** – Exposure to heat and pressure alters the chemistry of a mineral to become a different mineral such as rubies.

Glorious Gemstones

[Gemstones](#) used for jewelry can be considered at the top of the mineral world. They are rare, valuable, popular and prized for their [mineral colors](#) which can be quite vivid once they are cut and polished.



Amethyst

FYI – Not all [gemstones](#) come from minerals, for example, [pearls](#) and [amber](#). Gems can be precious meaning they are the rarest and most valuable. There are only four precious gems; [diamonds](#), [rubies](#), [emeralds](#) and [sapphires](#). Gems that are also popular for jewelry but not as rare are called semiprecious...think [amethyst](#), [agate](#) and [turquoise](#).

The rating of precious or semiprecious was made long ago. Today, some semiprecious stones can be worth more than precious stones. Also, it doesn't take into account scientific classifications of minerals. For example, emeralds are a [type of beryl](#). Aquamarines are also a type of beryl.

Fabulous Diamonds

The word *diamond* comes from the Greek word *adamas* which means “invincible.” That’s certainly an accurate description given that diamonds have a Mohs hardness of ten!

According to *National Geographic Kids Weird but True Rocks & Minerals*, “On Earth’s surface, diamonds are rare. But go down around 100 miles below the surface and it’s a different story. Some scientists have estimated there may be more than a quadrillion tons of diamonds locked in rocks in Earth’s interior.”

This story about celebrating minerals appeared in Rock & Gem magazine. Story by Pam Freeman.

UPCOMING SHOWS

No Shows due to Holidays.

CMLMS MINUTES

CMLMS, November 2nd, Board Meeting

Board Members Present: Nate Krupp, Carl Mennare, Jessica Clark, Fawn Dunbar, Ruth Lehner, Mattie Newman, Lyle Laylin, Chuck Taricksa

Board Members absent:, Sue Casler, Milt Gere, Robin Smith, Theresa Hubbard

Members Present: Roger Laylin, Fay Mennare, The Millers

President: Nate Krupp called the meeting to order at 6:02 p.m. at the Okemos Public Library.

President's items:

- A gentleman would like his geode polished from someone in the club.
- Tulip City is redoing their by-laws.
- We had talked about changing the constitution, but we don't want to refile with the IRS.
- We will vote on officers at the November 16th board meeting.
- Our November membership meeting is the Rocks of Michigan Presentation that Nate and Theresa gave.
- Our December membership meeting might be a fossil chat and gift exchange.
- We will also swear in the officers.
- Will have a silent auction in November. Please bring small bills.

Upcoming Membership Meetings:

- Our next membership meeting is Thursday, November 16th at 7pm at the Masonic Temple in Okemos.

Vice-President: This position is currently open.

Treasurer: Fawn Dunbar to the membership board.

- The account is looking good.
- Trying to get the MSU endowment done by the end of the year. Fawn is going to join the MSU endowment team.
- The counting party is complete.
- No Treasure's Report right now.
- Send in your expense reports with receipts to Fawn asap.

Recording Secretary: Jessica Clark

- Jess will edit last month's board minutes.
- And the board approved minute edits.

Corresponding Secretary: Theresa Hubbard, absent but sent an email with updates.

- She sent card to Marge Collins.
- The scavenger Hunt was popular.
- The kids table made a little money in the tip jar.

Director 1: Steve Smith, absent, no report

Director 2: Ruth Lehner, no report

Director 3: Mattie Newman, no report **Show:** Robin Smith, absent, no report

- Ruth, everything went well at the show.
- We had some members eat at the vendor only food table, without volunteering.

- Had a few potential shoplifters.
- Vendors were happy.
- Food was good, and taco truck seemed busier.

Roster Secretary/Membership: Mattie Newman

- The Gay family are new members and approved by the board.
- We are trying to have badges made and we may need a new vendor.

Liaison Officer: Carl Mennare

- MSU endowment, trying to get together with MSU on November 17th.
- Preference is given to a student in need.

Past-President: Sue Casler, absent, no report

Field Trips: Carl Mennare

- Bancroft, Ontario has opened their gem show. Should be the first week in August.
- They do have so guided tours.

Publications: Chuck Taricska

- Please get everything to Chuck for the newsletter by next Wednesday, November 8th.
- If you are interested in a Midwest Federation shirt, please let Chuck know now.

Education and Community Outreach: Theresa Hubbard

- No current events planned.

Library: Jessica Clark

- I will look at books that need to be returned and take better inventory of what is going out.
- Roger has excess books in the garage.

Display: Vacant position (looking for volunteers).

Finance: Milt Gere

- No report, absent

Webmaster: Lyle Laylin

- No report.

Old business:

- None

New Business:

- Can we send a show survey after the annual show? Ruth will email it out. Carl will create some survey questions.

Adjournment: Fawn made a motion to adjourn the meeting. The motion received was seconded by Carl the meeting was adjourned at 7:35 p.m.