

CMLMS
P.O. Box 24202
Lansing, Michigan 48909

**TIME VALUE
FIRST CLASS**

Rockhound News—April, 2018

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



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 2018

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Affiliated With

Midwest Federation of Mineralogical and Geological Societies

<http://www.amfed.org/mwf/>

American Federation of Mineralogical Societies

<http://www.amfed.org>

ROCKHOUND NEWS

NEXT MEETING: Thursday, April 19, 2018

PROGRAM: Speaker Dr. Warren W. Wood on “The Origin of Water and Banded Iron Formations (BIF)”

REFRESHMENTS: Members with Initials L - Z Please Bring Goodies

Location and Time: The CMLMS membership meeting will be held on April 19, 2018, at 7:00 p.m., at the **Masonic Center, 2175 Hamilton Street, beautiful downtown Okemos.**

NOTE: Membership meeting time change, now at 7:00 p.m. with doors open by 6:30 p.m.

Calendar for winter 2018

April 5, 2018 - Board meeting, 7:00 p.m., Okemos Library

April 17, 2018 - Tuesday, Fairview Stem Night

April 19, 2018 - Membership Meeting, 7:00 p.m., Masonic Center

April 27, 2018 - Friday, Delta Center Elementary School Science Night

May 3, 2018 - Board meeting, 7:00 p.m., Okemos Library

May 17, 2018 - Banquet

June 7, 2018 - Board meeting, 7:00 p.m., Okemos Library

June 21, 2018 - Membership Meeting, 7:00 p.m., Masonic Center

[Editor's note: the deadline for the newsletter is **Monday, 8 a.m.** after the board meeting.]

UPCOMING PROGRAMS

April 19 - Speaker Dr. Warren W. Wood on “The Origin of Water and Banded Iron Formations (BIF).”

May 17 - Banquet, speaker Mr. Dan R. Fountain on “Michigan Gold and Silver.” See Dan Sine for tickets.

June 21 - TBA

NEW MEMBERS - WELCOME

Jolanta Piecuch - Williamston

Peg and Doug Demmond - Holt

APRIL PROGRAM

Our speaker will be Warren W. Wood Ph.D., visiting Research Professor of Hydrogeology, Department of Earth and Environmental Sciences at MSU; Scientist Emeritus, U. S. Geological Survey; Adjunct Professor, King Fahd University of Petroleum and Minerals, SA

The Origin of Water and Banded Iron Formations (BIF)

How do the apparently disparate topics of, Archaea, Earth's magnetic field, continental

glaciation, banded iron formation (BIF), rock weathering cycle, and the minerals explosion 2.2 billion years ago fit together? It's all about the water, as oxygen molecules are derived from the destruction of the water molecule (H₂O)! Our story begins with the origin of water on Earth and ends with a little personal "back" story on the 60,000-pound specimen of (BIF) in front of Michigan State University's Natural Science Building. We will journey on a scientific exploration, however, to make it flow I will be omitting the traditional references, alternatives, and caution expressed in the traditional science account.

BANQUET

Date is May 17, 2018, **tickets available from Dan Sine**; adult \$10, 12 and under \$5. Our banquet speaker will be Dan R. Fountain, author of the books *Michigan Gold Mining in the Upper Peninsula* (1992) and *Michigan Gold and Silver Mining in the Upper Peninsula* (2013).

Dan Fountain is a historian with a deeply rooted appreciation for Michigan's mining heritage and an avid interest in the rich and colorful history of the early settlers and miners.

Dan grew up in the Upper Peninsula mining town of Ishpeming, surrounded by the open pits and towering headframes of the area's iron mines. Much of his understanding and curiosity about the region's mining history - and his own interest in the searching out old mining sites - stems from growing up in that atmosphere.

Three generations of his family were involved in the iron industry, so it was no surprise that Dan made his living in the mines, working more than 30 years at the Empire and Tilden mines as an electronic technician. He is a graduate of Northern Michigan University, holding a degree in electronics.

For more than three decades, Dan has conducted extensive research on gold and silver mining in Michigan. He used the modern tools afforded by digital libraries and online searching, but also has spent countless hours in museums and libraries seeking long-forgotten historical documentation.

To get a better feel for the stories, he has gone out and hiked many miles in the rugged forests of Upper Michigan in search of the numerous gold and silver mining prospects about which he writes.

Dan has served on the board of directors and as president of the Negaunee Historical Society, and continues to be involved in on-going research concerning gold and silver mining, maritime history and other subjects of local historical significance.

TULIP CITY GEM AND MINERAL CLUB BANQUET

The Club has sent us four free tickets to their annual banquet, on Wednesday, April 25, 2018 at the Howard Miller Library and Community Center, 14 S. Church Street, Zeeland, Michigan. The banquet starts at 6 p.m. Please RSVP to Deb Smith by April 16. She can be contacted at 616-403-0266. See Sue Casler for more information and to let her know if you are interested in attending.

VACANCIES ON THE BOARD

The following positions need staffing. Please consider volunteering for your society and helping out. It's a nice way to get to know members.

Display Chair - sets up the memorial displays at the club show and takes to other rock shows.

Library Chair - maintains the library, checks books out and in.

Liaison Officer.

CLUB NEWS

Outreach Committee: Always in need of volunteers to help with school science fairs, talks and presentations at schools and other organizations, and educational opportunities. Contact committee chair Mary Gowans to lend a hand. gowans@msu.edu or 517-351-6136.

Various Science Nights

April 17, 2018, Tuesday, Fairview Stem Night, 815 North Fairview Avenue, Lansing, 5:30 - 7 p.m., setup 5 p.m.

April 27, 2018, Friday, Delta Center Elementary School, 6 - 8 p.m. Location 305 S. Canal Road. Contact Dave Berquist for details.

Library: Check out the new books in the library boxes. Always something in there, old or new, for all interests.

Field Trips!

None scheduled at this time. See Dan Sine to sign up and for more information. Cell phone 517-316-5713 or daniel.sine@opm.gov. Dan has an email list of all who want to go on the field trips. Please contact him if interested in getting emails as field trips are set up.

UPCOMING SHOWS

April 28-29: CUYAHOGA FALLS, Ohio, Summit Lapidary Club Semi-Annual Show. Sat 10 am - 6 pm; Sun 10 am - 5 pm. Emidio and Sons Expo Center, 48 East Bath Rd., Cuyahoga Falls. Contact: Sandy Shorter, 8510 Grouse Ridge Dr., Chardon 44024; (440) 479-0069; gemboree@outlook.com

May 4-6: KALAMAZOO, MICHIGAN, Kalamazoo Geological and Mineral Society Show, Fri 4-8, Sat 10-6, Sun 10-5. County Expo Center, 2900 Lake Street, Kalamazoo. Contact: Jerry VanNocker, jervannocker@comcast.net.

May 12-13: TOLEDO, OHIO, Toledo Gem & Rockhound Club Rock/Jewelry Open House. Sat 9:30 am - 4:30 pm; Sun noon - 4 pm. St. James Lutheran Church Gym, 4727 West Sylvania Ave, Toledo. Contact Michelle Gregore, 9525 Wolfinger, Holland 43528; (419) 270-7507; mgriogretgrb@gmail.com.

May 19-20: ST. JOSEPH, MICHIGAN, Blossomland Gem and Mineral Society Show. Sat 9-6, Sun noon-6. Lake Michigan Catholic Elementary School, 3165 Washington Ave., St. Joseph. Contact: Nancy Wolff, blossomlandrockclub@gmail.com.

May 19-20: NORTH OLSTEAD, OHIO, Parma Lapidary Club Show, Sat/Sun 10-5. Soccar Sportsplex, 31515 Lorain Road, North Olmstead. Contact: www.parmalapidary.com.

CMLMS MINUTES

CMLMS, Membership Meeting, March 15, 2018

A work bee was accomplished before the meeting started.

Call to Order: President Sue Casler called the meeting to order at 7:21 pm at the Masonic Center in Okemos, Michigan.

Welcome and Introduction of Guests/Visitors: None.

President's announcements: Sue Casler - Club received invitation from the Tulip City Rock Club for four members to attend their banquet on Wednesday, April 25. They would like and RSVP by April 16. If anyone is interested in attending, see Sue.

Minutes of the Last Meeting: The minutes of the membership meeting of February 15 were published in the newsletter. No corrections were suggested.

Treasurer's Report: Elaine Beane - the 2018 Treasurer's Report, including bank reports received through February 16, 2018. Several expenses related to the Show have not been reported. Dues and fees reported are less than last year at this time.

Announcements:

1. Jessica Clark indicated carpooling to the Mineral Show in Jackson, Michigan is an option.
2. Dan Sine is selling tickets for the Society's banquet on May 17. Adults are \$10, Children are \$5.
3. Sue Casler said Dan Fountain, author of books Michigan Gold and Michigan gold and Silver, will present at the Banquet in May.
4. Nate Krupp said at the Membership Meeting in April Dr. Warren Wood will present on Evolution of Ocean Waters, and how iron was formed in the Upper Peninsula.
5. Roni Sionakides presented two polished stone bookends of the Earth that will be the second prize at the next show.
6. Mary Gowans said the Career Fair at Fairview Elementary School in Lansing will be on April 17 at 5:30 to 7 pm.
7. Milt Gere answered questions about the class in silver smithing.
8. Dave Berquist mentioned the upcoming Science Fairs at Beagle Elementary School in Grand Ledge, and at Delta Center Elementary School in Delta Township. He showed a poster of the geology of the Michigan Basin. The Society's first business cards as a template were shared with members.
9. Sue Casler explained how payment process for winners of the silent auction this evening.
10. Dan Sine ran the drawing for the door prizes.

Activities : Program for evening - Silent Auction.

Adjournment: Roni Sionakides moved to adjourn the meeting. The motion received a second by Mary Gowans and the meeting was adjourned at 7:50 pm.

Respectfully Submitted, Dave Berquist, Recording Secretary

CMLMS, Board Meeting, April 5, 2018

Board Members Present: Ernie Augenbaugh, Elaine Beane, Dave Berquist, Sue Casler, Milt Gere, Mary Gowans, Theresa Hubbard, Nate Krupp, Roger Laylin, Dan Sine, Chuck Taricska.

Board Members Absent: Elaine Angstman, Gaylord Brooks, Lyle Laylin, Roni Sionakides.

Members Present: None.

President: Sue Casler called the meeting to order at 7:10 p.m.

Banquet Discussion: Sue said Dan Fountain will be the speaker for the banquet on May 17. Presentation will be "Gold and Silver in the Upper Peninsula". Roger Laylin will be contact with Masons on dinner; Elaine A. will take care of Hospitality Table; Sue will take care of door prizes and special door prizes; Roni will prepare and print program; and Dan Sine will be selling tickets

and collect tickets at door for banquet. Invitations to other mineral clubs was discussed, Ernie Augenbaugh has contact with some of them and will offer tickets. Roger Laylin and Mike Wolf will provide table decorations.

Vice-President: Nate Krupp gave info about Dr. Wood, the speaker for the meeting in April. Sue suggested we give the time to Dr. Wood's talk, so we won't have a mineral of the month or silent auction at the April meeting.

Treasurer: Elaine Beane gave the Treasurer's Report for January 1 through March 31, 2018.

Recording Secretary: No minutes for the March Board meeting as it was canceled due to bad weather.

Corresponding Secretary: Theresa Hubbard - no report. Roger did mention that long time member, Gail Hopkins, is seriously ill.

Directors: Gaylord Brooks and Lyle Laylin were absent. Chuck Tariska had no report but said Craig Whitford is creating a meteorite display at Abrams Planetarium. He could be a possible speaker for club.

Acting Roster Secretary: Elaine Beane is updating the roster. She said the position is elected and no one on the Board can hold two positions. She is willing to continue for now.

Liaison Officer: Vacant.

Past President: Absent.

Membership: Dave Berquist presented three applications for membership - Jolanta Piecuch of Williamston and Peg and Doug Demond of Holt. Milt Gere moved to approve and Mary Gowans seconded. Motion was approved. Dave will send welcome letters.

Field Trips: Dan Sine talked about a trip to Alpena and said that the quarry near Leslie, and the Crandell brothers, will be contacted for field trip access to those sites.

Publications: Roni Sionakides, absent. Sue Casler reminded those present that submissions for the newsletter are due by Monday at 8 a.m.

Education: Theresa Hubbard wants to discuss fraudulent practices that she has become aware of on *Facebook* with tumbled glass and fake Petoskey stones. She will discuss this during announcements at the next Membership meeting.

Community Outreach: Mary Gowans mentioned the MSU Science Week going on April 6 to April 22. Science Night at Fairview Elementary is April 17, and Delta Center Elementary on April 27. Theresa Hubbard will present to Girl Scouts in Charlotte. Dave Berquist mentioned the Career Day on April 20 at Fairview at 1 p.m. and the science fair at Lansing Charter Academy in May, date TBD by Dave Berquist.

Library: Vacant.

Display: Question was raised about displays at the banquet - if anyone wants to bring one that is fine.

Finance: Milt Gere discussed the status of the MSU 2018 scholarship. There was a discussion on scholarship amount. A **motion was made by Roger Laylin to increase scholarship to \$2,550, adding a \$50 memorial for Robert Mosher.** Seconded by Theresa Hubbard. Motion approved. Interview committee will be Milt Gere, Elaine Beane, Mary Gowans, and Doug and Jan Sjoquist. Interviews will be held on April 16 and there are four candidates. Doug Sjoquist came before meeting started to review interview questions with Milt. Jan Sjoquist will provide the congratulation letter.

Web Master: Lyle Laylin, absent. He is redesigning our website and sent a temp site to board members only to look at.

Show: Roger Laylin said that updated traditional flyers have been purchased. A type of colorful and smaller flyer was discussed, need a person with design genes to develop, Roger will look into

options.

Old Business None.

New Business: Sue Casler said Roni Sionakides has suggested forming a committee to review the Constitution and By-laws with a goal of perhaps combining portions of positions to reduce the total number of positions, because of the vacant positions and occasional difficulty in having a quorum. Elaine Beane said the Constitution cannot be changed without involving the Federal government, or risk losing the Society's Section 501 tax status.

Adjournment: Elaine Beane made a motion to adjourn the meeting. The motion received a second by Mary Gowans, and the meeting was adjourned at 8:48 p.m.

Respectfully Submitted, Dave Berquist, Recording Secretary

SPRING HAS SPRUNG! THE SNOW HAS RIZZ!

DOES ANYONE KNOW WHERE THE SUN IS?

Donovan Duz the Weather - Elkhart, Indiana, 1950s