

CMLMS  
P.O. Box 24202  
Lansing, Michigan 48909

**TIME VALUE  
FIRST CLASS**

# Rockhound News— May 2021

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 2021

President	Nate Krupp	517-626-1136 nathan.krupp1@gmail.com
Vice-President	Steve Smith	517-896-6048 radssmith@radssmith.com
Recording Secretary	Jake Chybowski	jcchybow@gmail.com
Corresponding Secretary	Theresa Hubbard	517-203-9620 thrshubbard@yahoo.com
Treasurer	Elaine Beane	517-272-9661 gebeane@comcast.net
1 Year Director	Jessica Clark	517-242-0554 clark.jess.leigh@gmail.com
2 Year Director	Lyle Laylin	517-488-7908 lyle18@gmail.com
3 Year Director	Sally Hedin	517-281-0575 sallyhedin@yahoo.com
Acting Roster Secretary	Elaine Beane ( <i>pro tem</i> )	517-272-9661 gebeane@comcast.net
Liaison Officer	VACANT	
Past President	Sue Casler	517-582-2466 casler5copper@gmail.com

## COMMITTEE CHAIRS 2021

Membership	Robin J. Smith	517-290-4891 rsmith@radssmith.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
Show Co-Chair	Ernie Aughenbaugh	989-224-7619 esaslapidary@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>

## Affiliated With

Midwest Federation of Mineralogical and Geological Societies, <http://www.amfed.org/mwff/>

# ROCKHOUND NEWS

## **NEXT MEETING: June 17!!**

The CMLMS Board has voted to cancel membership meetings through May. No May meeting is planned.

**MARK YOUR CALENDARS:** We are planning an outdoor meeting **June 17th** at Heritage Park on Wacousta Rd in Eagle, MI. There is a large picnic pavilion at the back of the park. Drive straight back, ending in a circle drive and you should see the pavilion. Looking forward to catching up with everyone. More info in to come in next month's newsletter.

The address of the Park is: ***12803 S Wacousta Rd, Eagle, MI***

### **Calendar for Summer 2021**

May- in person meeting cancelled

June 17 Membership Meeting, Heritage Park Picnic Pavilion, Eagle MI

July and August: No meetings held over summer

[Editor's note: Please send any news or stories for the Newsletter to [chuck\\_taricska@yahoo.com](mailto:chuck_taricska@yahoo.com).]

### *Virtual Meeting available this month:*

American Museum of Natural History: **Tour the Hall of Planet Earth**

**When:** Available to watch anytime (previously recorded)

**Presentation:** Join us for an exciting look at the dynamic planet we call home in this tour of the Museum's Hall of Planet Earth! What do rocks have to tell us about the rise of oxygen in the atmosphere? Why is Earth habitable? Museum guide Michael Hamburg leads you through the unique ingredients that make life on Earth possible.

**Presenter:** Michael Hamburg, American Museum of Natural History Guide

**Website:** [https://youtu.be/\\_bj2e-UVw1s](https://youtu.be/_bj2e-UVw1s)

## CLUB NEWS

**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.

**Treasurer** – Our steadfast Treasurer Elaine is looking to retire from her long tenure keeping the books, and we need someone to take over.

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

**Liaison Officer** – handles correspondence with other clubs and organizations, keeps tabs on P.O. Box mailings.

-Interested folks can speak to President Nate Krupp (nathan.krupp1@gmail.com), other officers, or one of the long- term members for job descriptions and time commitment.

**Newsletter:** If you have and club news or information you would like to pass along to the group, or any travel photos or trip notes you would like to share, please email Chuck Taricska at [chuck\\_taricska@yahoo.com](mailto:chuck_taricska@yahoo.com) and he will make a note in the newsletter.

## INTERESTED IN THE **LAPIDARY JOURNAL?**

### MEMBERS

The magazine started publication in 1947 covering where to find, how to polish and make numerous items. I have a collection of issues starting in the 1960s thru 2004 when they stopped publication and the first issue of its replacement, Jewelry Artist.

I propose to let members use them as a lending library by taking out one or two years issues at a time to enjoy. I also have an index book covering issues thru 1997? (if I can find it).

I know many of the longtime members probably were subscribers, but some new folks may not know of the magazine.

If you are interested let me know at [slab2make@gmail.com](mailto:slab2make@gmail.com)

Roger Laylin

## Egyptian fossil surprise: Fishes thrived in tropics in ancient warm period, despite high ocean temperatures



A percomorph, a member of the same group that includes familiar Michigan species such as walleye and perch, from Ras Gharib A. Scalebar equals 10 mm. Image credit: El-Sayed et al. in *Geology*, 2021

The Paleocene-Eocene Thermal Maximum, or PETM, was a short interval of highly elevated global temperatures 56 million years ago that is frequently described as the best ancient analog for present-day climate warming.

Fish are among the organisms thought to be most sensitive to warming climates, and tropical sea-surface temperatures during the PETM likely approached temperatures that are lethal to some modern marine fish species, according to some estimates.

But newly discovered fish fossils from an eastern Egyptian desert site show that marine fishes thrived in at least some tropical areas during the PETM. The study, from a team of Egyptian scientists and a University of Michigan colleague, provides a snapshot of an ecosystem during an extreme warming event and may provide insights for the future.

“The impact of the PETM event on life at the time is of wide interest. But a major gap in our understanding is how life in the tropics responded, because this region is not well-sampled for many fossil groups,” said U-M paleontologist Matt Friedman, co-author of a study published online May 17 in the journal *Geology*.

“On the basis of the scant evidence we have for fishes—remembering that this Egyptian site provides our first peek from the tropics—they seem to have weathered the PETM surprisingly well, and there are even hints that important diversification in the group might have happened around or just after this time,” said Friedman, director of U-M’s Museum of Paleontology and an associate professor in the Department of Earth and Environmental Sciences.

**Read full article at:** <https://news.umich.edu/egyptian-fossil-surprise-fishes-thrived-in-tropics-in-ancient-warm-period-despite-high-ocean-temperatures/>

## **West Michigan MWF Mineral Study Group**

**7 pm to 8:30 pm, at the home of Kreigh Tomaszewski,  
653 Burton St. S.E., Grand Rapids, MI 49507**

*Well informed rockhounds are better able to share their passion with the general public and promote our hobby. Our MWF study group's goal is to produce more knowledgeable rockhounds. Our group is small, but we have been meeting since 2009 and are the longest running affiliated mineral study group in the country according to the AFMS.*

### **Manganese Minerals (L-Z)**

This month we finished our trek thru the many minerals containing Manganese, a transition metal with a multifaceted array of industrial alloy uses, particularly in stainless steels. We only have so much time each month, so with the more abundant elements we've had to break our study down to one or a few letters of the alphabet.

We try to start (and end) on time; please do not arrive more than 20 minutes early (and everyone gets thrown out by 9). Face masks may still be required (unless everyone attending has been fully vaccinated against covid-19 -- which we were for this meeting), so bring one along just in case.

*All West Michigan rockhounds are invited to attend. I hope you can join us as we learn about minerals from each other, but you are always welcome even if you can't bring any specimens. Please join us and let part of your collection get to meet some other rockhounds and be appreciated.*

Contact Kreigh Tomaszewski <[kreigh@gmail.com](mailto:kreigh@gmail.com)> for next meeting date

## **NEWS from the Midwest Federation of Mineralogical and Geological Societies:**

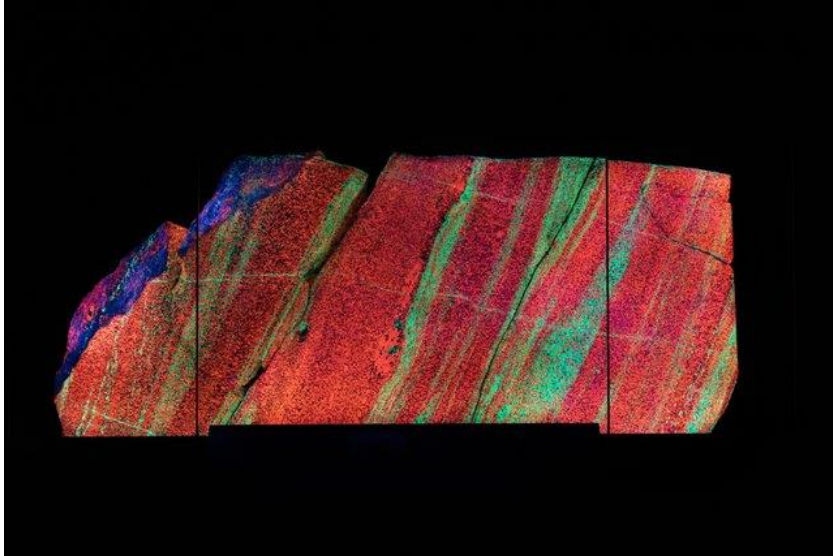
Valerie J. Meyers, Editor

After last year's convention in Michigan had to be cancelled, it's exciting to announce that the MWF convention WILL be held this year, Friday through Sunday, Sept. 10-12, hosted by the Toledo Gem and Rockhound Club in conjunction with its annual show!

Most convention events will be held at the conference hotel, the Holiday Inn Express & Suites at 2150 E. Wooster Street in Bowling Green, Ohio. A special rate of \$99 for a block of rooms has been established, so mention the MWF when you make your reservation at 419-353-5500. Early reservations are suggested, wherever you stay; the popular Black Swamp Arts Festival is in town the same weekend! Convention events will include a Friday night social, the MWF annual meeting and a banquet on Saturday, and the Editors' Breakfast on Sunday morning.

The TGRC show will be held at the Wood County Fairgrounds Pavilion in Bowling Green. For more information about the convention or the show, contact Jerri Heer at [jheerx6@aol.com](mailto:jheerx6@aol.com). Registration forms will be posted soon on the MWF website.

## The American Museum of Natural History’s New Gem Hall Will Cause “Jaws to Drop”



*The 14-foot-high fluorescent rock that’s from New Jersey*

When people think of the American Museum of Natural History (AMNH) in New York City, they tend to think of dinosaurs.

But the museum also houses an impressive collection of thousands of gems—some of which date back even further than the brontosaurus. Until recently, these specimens were housed in the museum’s Harry Frank Guggenheim Hall of Minerals and the Morgan Memorial Hall of Gems.

Both those halls opened in 1976—and, in recent years, they pretty much looked like it. And while some appreciated their vintage charm, to others, they looked downright prehistoric.

In 2017, the AMNH said goodbye to Harry Frank, Morgan, and the halls’ classic ’70s carpet. The gem and minerals areas have been closed for renovations for the last three-and-a-half years—longer than expected, in part because of COVID-19.

On June 12, the museum will officially open to the public its revamped and refurbished 11,000-square-foot gem and mineral area, now called the Allison and Roberto Mignone Halls of Gems and Minerals. Read full article at:

<https://www.jckonline.com/editorial-article/museum-natural-history-gem-hall/>



## **Leland Blue Stones**

*excerpted from story by Adrienne Roberts / [MyNorth.com](http://MyNorth.com)*



### **Leland Blue, A Way of Life in Northern Michigan**

There are many iconic things that represent the lifestyle of Northern Michigan — sipping a glass of local wine outdoors on a cool night, an evening walk on the beaches of Lake Michigan, or a leisurely breakfast on the back porch of your cottage. But perhaps nothing is more representative of this area than Leland Blue. If you live or vacation in Leland, you may have noticed a blue stone on the shoreline. This stone is, more often than not, Leland Blue.

From 1870 to 1885, Leland was a smog-filled industrial town, the main industry of which was anchored by the Leland Lake Superior Iron Company. After the smelting industry failed because of large overhead costs and the lack of a good harbor in Leland, the remains of the industry, including heaps of slag, were dumped into the harbor. Slag is a byproduct of the smelting process: raw ore is heated, and the desired iron ore is separated from various natural impurities. When those impurities cool, the result is stone-like slag. Leland Blue, specifically, is the mix of blue glass with other chemicals — but this varying chemical medley can also cause the slag to appear purple, gray, or a shade of green. Today, people find this slag material on the shores of Leland's beaches.

But for many locals, Leland Blue has become much more than a waste product. Leland Blue has become the industry itself (used in jewelry, artistic creations and photography) — but in true Northern Michigan style, it's not so much an industry as it is a way of life. More than just a quintessentially Northern Michigan stone, Leland Blue is the foundation of a whole lifestyle that has seamlessly blended the business of selling Leland Blue with the love of finding and working with it.

Leland Blue stones also have a very wide range of colors and shapes, the name being a bit misleading. There's a huge variation in stones, from shades of green, purple, and gray to the



more traditional blue stones that are often pitted from air bubbles... however, these imperfections are what can add beauty to the stones – including range in color and overall texture.

### **More Online Geo Resources:**

American Institute of Professional Geologist – Michigan Section – <http://mi.aipg.org/newsletters.htm>

Eastern Section AAPG - <https://www.esaapg.org/>

EGLE Calendar of Events - [https://www.michigan.gov/egle/0,9429,7-135-3308\\_3333---,00.html](https://www.michigan.gov/egle/0,9429,7-135-3308_3333---,00.html)

Flint Rock and Gem - <https://flintrockandgem.org/events>

Michigan Association of Environmental Professionals - <https://www.maep.org/>

Michigan Basin Geological Society – [www.mbgs.org](http://www.mbgs.org)

Michigan Clean Water Corps - <https://micorps.net/about/>

Michigan Mineralogical Society - <https://www.michmin.org/>

Mid-Michigan Rock Club - <http://www.midmichrockclub.com/?Page=1>

Midwest Mineralogical and Lapidary Society - <http://www.mmls.us/>

Society of Petroleum Engineers - <https://www.spe.org/events/calendar/>

## UPCOMING SHOWS

**June 4-6: WAUSEON, OH** State Line Gem & Mineral Society Annual Show. Fri Noon-6; Sat 10-6; Sun 11-4. Fulton County Fairgrounds, Junior Fair Building, 8514 SR 108, Wauseon. Contact: Sherman Kaedatzke, (517) 673-5487; [sakardatzke@gmail.com](mailto:sakardatzke@gmail.com)

**June 12: GRAND RAPIDS, MI** Indian Mounds Rock & Mineral Club Rock Swap. 9-noon. Woodland Drive-In Church, 2600 Breton SE, Grand Rapids. Contact: Kreigh Tomaszewski, (616) 243-5851; [kreigh@gmail.com](mailto:kreigh@gmail.com)

**June 12-13: MANSFIELD, OH** Mid-Ohio Mineral & Fossil Club Annual Show. Sat 10-6; Sun 11-5. Mansfield Fairgrounds, Fairhaven Hall, 750 Home Rd., Mansfield. Contact: Tom Kottyan, (419) 562-1152; [themineralhouse@netzero.net](mailto:themineralhouse@netzero.net)

**June 25-27: BEDFORD, IN** Lawrence County Rock Club Annual Show. Fri 10-6:30; Sat 9-6:30; Sun 10-4. Lawrence County Fairgrounds, US Highway50, Bedford. Contact: Michael Tweedate, (573) 466-9093.

**July 3: Holland MI** JP Gem and Jewelry Tailgate

**August 7: ISHPEMING, MI** Ishpeming Rock & Mineral Club Annual Show 9:30-4:30. Ishpeming Elk's Club, 597 Lakeshore Dr., Ishpeming. Contact: Kirsten Maki, (906) 204-2623; [kmaki75@gmail.com](mailto:kmaki75@gmail.com)

**August 13-15: HOUGHTON, MI** Copper Country Rock & Mineral Club Rock Swap. Fri 1-8; Sat 10-6; Sun 11-3. Houghton Middle School, 1603 Gundlach Rd., Houghton. Contact: Rob Grabarczyk; [pres@ccrhc.info](mailto:pres@ccrhc.info)

**August 14: CLIO, MI** Flint Rockland Gem Club Rock Swap. 9-4 Flint Rock & Gem Club, 11350 N Saginaw Rd., Clio. Contact: Bill Wendling, (810) 638-5796; [bwrockbarn@centurytel.net](mailto:bwrockbarn@centurytel.net)