

ROCK TRAILS



VOLUME 60 ISSUE V June 2022

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Meetings are held the first Sunday of each month
at 2:00 PM, at
201 W. Main St. Morenci, MI 49256

Front cover: Bill Schultz, member of StateLine Gem and Mineral Society, breaking geodes

President's letter: 60 Years of Showtime

Greetings to Stateline members everywhere. This year, 2022, marks the 60th anniversary of our club and show. Our parade truck, the 1922 Reo Speedwagon is 100 years old this year. Our show is well liked and the community expects it every year. The Fulton County Fairgrounds is a great venue. Every show turns out better than we expect. To make things better this year, Bill Schultz made a call to the Essen House, north of Pettisville. They agreed to professionally cater our show. What a relief to the kitchen ladies! Great call, Bill. This frees up our membership. So come to the show, lend a hand, and have some fun.

Best regards,
Eddie

Secretary's Report

The May 1, 2022 meeting of the Stateline Gem and Mineral Society was called to order at 2:15 by president Ed Jarzembski. The membership recited the Lord's Prayer for the invocation at the suggestion of Linda Miller. Followed by the Pledge of Allegiance. There were twelve members present. Ed Jarzembski agreed to be secretary pro-tem for the meeting. A vote was taken and passed for the minutes of April's meeting as presented in "Rock Trails." Charlene Hacker presented the treasurer's report in behalf of Doris Brzezicki who was absent. A vote was taken and passed to accept the treasurer's report.

The agenda of the meeting was focused on our show. The April 3rd meeting presented the idea of hiring a catering service and many members did call around. Their reports were not favorable to hire a caterer for this year. So Linda Miller, Pat Baier-Hay and Linda Wielfaert with the rest of the membership organized kitchen duties and the menu. Members volunteered for positions at the show. Bill Schultz organized on the board where and when people would be needed. Set up for the show will begin at 10:00 Wednesday, June 1, for loading at the clubhouse. The meeting adjourned about 3:30 with the next meeting scheduled for June 5 after the show. The door prize was won by Pat Baier-Hay, an Icelandic Spar Calcite Crystal from an old collection. Congratulations Pat.

Respectfully submitted,
Edmund Jarzembki
Secretary Pro-tem

Vacationing? See Mineral Museums!

Eric Fritsch, Nebraska Mineral & Gem Club
From the April, 2021 Pick & Shovel
of the Lincoln Gem & Mineral Club

This is the time of year when people are thinking about vacations. Practically anywhere you travel you can find museums; however, this list is meant to show you where you can find some of my favorite mineral museums. If you find yourself visiting one of these areas, you might want to carve aside a couple hours or more to visit these impressive displays.

This isn't intended to be an all-inclusive list of mineral museums, but a helpful aid. Many cities, colleges, and even local museums may have small displays of minerals.

1. Smithsonian National Museum of Natural History (naturalhistory.si.edu). This is one of the great museums of the world, located in Washington, D.C. It is actually a series of buildings and museums with the natural history museum housing the minerals. It is home to some of the most iconic specimens in the world. I've been to this museum a half-dozen times and always want to return. D.C. is a great destination for a vacation and, with subways, it is an easy city to get around in.
2. American Museum of Natural History (amnh.org/exhibitions/permanent). This museum, located in New York City, has recently undergone an upgrade to its displays. It is a major metropolitan museum, and other displays will keep you interested along with the minerals. The mines and museum (franklinmineralmuseum.com) at Franklin, New Jersey are also nearby.
3. Mineralogical and Geological Museum at Harvard University (mgmh.fas.harvard.edu). This is a great college museum and there are a lot of other things to do and see in and around Boston. The museum display is in old wooden cases and is one of the earliest collections in the United States.

4. Maine Mineral Museum (mainemineralmuseum.org). This is a new museum and I haven't been there yet. It was opened in late 2020, had some flooding issues, then reopened in 2021 and had to shut down due to COVID. It is privately funded and is located in Bethel, Maine. The collection of local material is fabulous and it has a great meteorite collection as well. I am hoping to get there in the next couple of years as a destination vacation.

5. Royal Ontario Museum (See the Teck Suite of Galleries at rom.on.ca/en/exhibitions-galleries/galleries/natural-history). This is a museum at which I spent lots of time as a kid. Whenever my father traveled for work to New York City, Washington D.C., or Toronto, I'd tag along. When he went to work, I'd figure out the local bus, train, or subway system and visit the mineralogical museums.

The ROM has a great display and the last time I was up there, they had recently upgraded their exhibits. It is now perhaps the best displayed mineralogical museum. Toronto is a great city to visit.

6. Canadian Museum of Nature (nature.ca/en/research-collections/collections/minerals). This museum bought Bill Pinch's collection of minerals and merged it with their own collection to make a wonderful display. Ottawa is the national capitol of Canada and borders Quebec, so it has an international feel. It is kind of hard to get to, but a great place to visit.

7. A.E. Seaman Mineralogical Museum (museum.mtu.edu). This college collection is located far north in the Keweenaw Peninsula, in Houghton, Michigan. It is hard to get to, but well worth the visit. I've been to this museum several times and about four years ago, they moved the exhibit to a freestanding building on campus. Seaman Mineralogical Museum specimen of variscite, crandallite, and wardite from Clay Canyon, Fairfield, Utah. Photo from the Specimen Picture Gallery at museum.mtu.edu/collections/aesmm-collection/gallery.

8. Carnegie Museum of Natural History (carnegiemnh.org). This is one of about three or four museums I haven't been to on this list, despite it being close to where I grew up. I just never had a chance to visit Pittsburgh, Pennsylvania. Perhaps one of these days I'll visit it, but I hear it has a great mineral collection.

9. Museum of Geology at the South Dakota School of Mines and Technology (sdsmt.edu/Academics/Museum-of-Geology). Located in Rapid City, South Dakota, this collection started as ore specimens to teach miners and engineers. I worked there for about 10 years and it isn't as fancy as some of the other museums on this list, but it is a nice collection. The Black Hills is a special place to visit.

10. Montana Tech Mineral Museum (mbmg.mtech.edu/mineralmuseum). Another mining college collection, this one located in Butte, Montana.

11. Colorado School of Mines Museum of the Earth ([mines.edu / museumofearthscience](http://mines.edu/museumofearthscience)). This is the premier mining college mineral museum. It's located in Golden, Colorado, just a few miles west of Denver. The collection is well cared for, funded, and up to date.

12. Denver Museum of Nature and Science (dmns.org). Located in Denver, Colorado, this municipal museum is well worth the admission charge to see the Alma King, the reconstructed rhodochrosite pocket, or the gold vault. Denver is a fun city to vacation in.

13. New Mexico Bureau of Geology & Mineral Resources Mineral Museum (geoinfo.nmt.edu/museum). Located on the campus of New Mexico Tech in Socorro, New Mexico, this is another mining-college collection. They've recently undergone a renovation and are constantly adding new specimens. They host a popular mineral symposium in November each year.

14. The Perot Museum Lyda Hill Gems and Mineral Hall (perotmuseum.org/exhibits-and-films/permanent-exhibit-halls/lyda-hill-gems-and-minerals-hall). Ross Perot left money to establish this municipal museum in Dallas, Texas. Lyda Hill and others donated specimens and finances to support this section of the museum.

15. Houston Museum of Natural History (hmns.org). I haven't been to this museum, but it is on my bucket list. I've heard extraordinary things about the mineral collection, some of which was purchased by T. Boone Pickens, an eccentric oil tycoon.

16. Alfie Norville Gem and Mineral Museum (gemandmineralmuseum.arizona.edu). This exhibit opened recently. I've visited the University of Arizona collection several times and this collection, along with new pieces, graces the former Pima County Court House in a new museum in downtown Tucson.

17. Natural History Museum of Los Angeles County (nhm.org/experience-nhm/exhibitions-natural-historymuseum/gem-and-mineral-hall). This is a great collection that is often overlooked when people visit Los Angeles. I once flew out to this museum with my girlfriend (now wife) to see the collection and returned the same day – I was working for an airline at the time and could fly for free. This collection houses an impressive gem, gold, and California collection.

18. Keck Earth Science and Mining Museum (unr.edu/mackay/keck-museum). This is another mineral museum that I haven't visited, but have heard great things. Located on the University of Nevada at Reno campus, this collection also inspired miners and engineers to examine minerals that they were mining. Lake Tahoe is nearby, and gambling is legal in Reno.

19. Rice Museum of Rocks and Minerals (ricenorthwestmuseum.org). This collection is located in the house owned by the collector in Hillsboro, Oregon (just west of Portland, Oregon). It has many nice zeolite specimens collected in the area. A good stop on your way down to the Oregon coast.

There are many other museums and displays to check out. I've heard great things about the University of Delaware; Tellus Museum (Cartersville, Georgia); James Madison University (Harrisonburg, Virginia); Yale (Peabody Museum); and elsewhere. Sadly, some museums tend to think of their collections as stagnant and push minerals aside. I encourage everyone to visit mineralogical museums and take some time to appreciate the things we collect. Check the museums' websites for their hours, days open, parking, admissions, and other information.

Currently, some of these museums are closed due to COVID, but we expect them to reopen soon. Estimates are that perhaps one-third of museums that closed during COVID may not recover and will close permanently.

Please add the following names to your membership list:

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Bench Tips

Smart Solutions for Your Jewelry Making Problems

[Amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith)

COLORING EPOXY

There are two ways to add color when you are using epoxies. The first is to add a powdered material like colored chalk, charcoal, or powdered colors from an art supply store. One that I particularly like is a set of pastel glitter powders. A second way is to add a liquid pigment like nail polish, model airplane paint, or tinting pigments from a marine supplies store.

In preparing epoxy for use, the important things are to use exactly equal parts of the two components and to thoroughly mix them together. Coloring material can be added at any time. If I'm making just a small amount, I squeeze out equal sized droplets onto a piece of scrap paper or aluminum foil and mix thoroughly with a toothpick.

To mix larger amounts of epoxy, I use a gram scale to weigh the first component. Then I zero the scale and weigh out the same amount of the second component, add coloring if needed, and mix.

If you are using 5-minute epoxy, the mixing needs to move quickly. But I like to work carefully when adding color. So I squeeze out equal sized droplets side by side on the scrap paper. Then I work with just one of the droplets to add the colors. The 5-minute clock only starts when you mix in the second droplet.

JUNE 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
					Stateline GMS show	Stateline GMS show
					Fulton Fulton	Fulton Fulton
					County	County
					Fairgrounds	Fairgrounds
5	6	7	8	9	10	11
Stateline GMS show						Mid-Ohio
Wauseon						Mineral
Meeting						Show
following						Mansfield
12	13	14	15	16	17	18
Mid-Ohio						
Mineral						
Show						
Mansfield						
19	20	21	22	23	24	25
					Lawrence County	Lawrence County
					Rock Show	Rock Show
					Bedford, Indiana	Bedford, Indiana
26	27	28	29	30		
Lawrence County						
Rock Show						
Bedford, Indiana						

**AGATE
STAMPEDE
SATURDAY
3:00 PM**

53rd Annual
MOOSE LAKE

**FREE
ADMISSION**

AGATE DAYS

SATURDAY, JULY 16, 2022

9 AM - 5 PM

SUNDAY, JULY 17, 2022

9 AM - 3 PM

Riverside Arena

20 Earl Ellens Drive, Moose Lake, MN

Carlton County Gem and Mineral Club

Gem & Mineral Show

Check out the world's premier Lake Superior agate show including fossils, minerals, jewelry, equipment, food and much more.



Co-sponsored by the Carlton County Gem and Mineral Club
and the Moose Lake Area Chamber of Commerce

FREE KIDS DIG

for ages 8 & under Saturday & Sunday
outside the Riverside Arena

Vendors and participants must follow applicable COVID guidelines

Meetings are held the first Sunday of each month at 2 pm, at 201 W. Main St, Morenci, MI 49256

