

The Living Stones

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Livingston Gem and Mineral Society May 2024

President's Message

"May is a month of rebirth; of renewed vitality and energy."
Lailah Gifty Akita

Hello members,

Thank you Cinda Wilson for organizing this last batch of training sessions! And many thanks to the members who take the time to come in and train our new members! We will take a break in training until mid-June.



4H Update

Thank you Bryant Hiiter for organizing this again and thanks to all your helpers, Cinda Wilson, LaVonne Foldenauer, Dan Goodwin and Mark Ridenour, who will work with the kids! Bryant is organizing this as he has for many years. He **NEEDS** other experienced members to help with the kids. Please consider these dates and share your talents!

Mondays 6-8:30 – April 29, May 6 and May 13.

Ship, Shape Up the Shop has started! An important part of keeping our shop in great working order is safety. There was a need for updated shop emergency information and correlation with the school. We also looked at some small concerns in the shop. Going forward, will be paying more attention to:

*******Any hair, jewelry, necklaces, loose clothing, etc. hanging forward when working with any machine, saw, grinder or torch. Hair bands will be provided free for anyone needing one. Find them near the sign-in sheet.**

(Please do not put used hair bands back.)

*******Foot protection – NO open-toed footwear at all. (flip flops, sandals etc.)**

*******There are 2 updated emergency information signs posted in GREEN to help with any emergency situation, big or small. We are looking into asking members for emergency contact info. Please respond to that email when you get it. You might have that information on your phone, and we may not be able to access that in an emergency.**

Rock of the Month will be on May 1, room #33, 1-2:30

Topic – Traditional & Modern Birthstones for April, May and June.

Diamond, Emerald, Chrysoprase, Pearl, Alexandrite Moonstone

Lori Irvin, thank you for organizing the Flint Knapping classes with experienced knapper, Steve Laut! The classes were well organized and such a wonderful experience for those who wanted to learn a new skill.

May POP UP rock/jewelry show! It's a GO!

Saturday, May 18, 9-5. Christ Lutheran Church, 5987 Williams Lk. Rd., Waterford, MI 48329 – parking lot. Remember to be prepared for weather! Rain or Shine! Please use SignUpGenius for volunteer opportunities. Look for link on Facebook or an email from the club. It's a fun day for the members showing/selling their wares! We will need setup/take down helpers, security, and sellers for the club table. Chairperson-Text AnnMarie McFadden @ 248-884-8126 with any show questions.

(President's message cont.)

*Dues for 2024 LGMS membership are \$65 (due December 31, 2023) with \$1 daily shop fee. Please add the \$5 locked drawer fee and the drawer #, if you are using one. (One drawer per person) Some locked drawers are now available. You can mail your dues to: Linda Sheedy, 1582 Forest Bay Ct., Wixom, MI 48393.

T Shirts are in! They are purple & green & fabulous!
S-2X- \$15 and 3X-4X - \$18.

May shop hours: Tuesday thru Friday.
Tues/Wed 9 am-9 pm, Thurs 9 am-9 pm (silversmiths only), and Friday 10 am-4 pm. (If there are not 2 members in the shop on Fridays, the closer may choose to leave earlier than 4:00. Be aware) There must be at least 2 people in the shop "any day" to use the machines for safety reasons.

Please note the times/dates for ALL this year's Club meetings are posted in this newsletter. Please attend and support your club, so your voice may be heard! Remember, the shop will be closed at 5:30 pm on general membership meeting days. Machines will shut down at 4:30 if fall show meeting is held in the shop.

Please stay well, my fellow members! You are all treasures! Contact info: caricatures@comcast.net, or cell phone 248-931-5999.

Sincerely yours,
Cari Jacob



Rock of the Month
first Wednesday of the month
1-2:30 pm, room #33

May 1, 2024 ... Birthstones !
April, May and June

upcoming ROM:
June 5, 2024
Birthstones
July, August and September



2024 Officers and Chairpersons

President: Cari Jacob 248-931-5999
Vice President: Cinda Wilson 810-423-0464
Secretary: Terri Ridenour 517-376-2191
Treasurer: Linda Sheedy 248-425-9686
Shop Chair: Bill Magee 734-981-6117
Second year Directors:
Lori Irvin 810-820-0494
Sandra Wrestler 248-875-5921
First year Directors:
Jim Johnson 810-923-6113
AnnMarie McFadden 248-884-8126
Newsletter: Isla Mitchell, 248-685-7804,
imvm.1@netzero.com
Membership: Lori Irvin 810-820-0494
Historian: Chuck Amberger, 248-787-6586
Library: Bryant Hiiter, 248-472-8481
Webmaster: John Myer, www.livingstongems.com
Email: LGMSMich@gmail.com
show website: lgmsrockshow.com
Instagram: [livingstongems](https://www.instagram.com/livingstongems)
General Membership Meetings are held monthly on the 3rd Tuesday at 6 pm. (Except in January and February when only board meetings are held.)

LGMS General Meeting Minutes

April 16, 2024

Location: LGMS shop

Call to Order: 6:00pm

Roll Call: Officers Present - Cari Jacob, Bill Magee, AnnMarie McFadden, Terri Ridenour, Cinda Wilson, Sandy Wrestler. **Absent-** Lori Irvin, Jim Johnson, Linda Sheedy. Present- 6, Absent- 3, Quorum- 6, Club Attendance -20.

Approval of Minutes: Terri Ridenour made a motion to approve the March 19, 2024 minutes. 2nd by Sandy Wrestler. All in favor. Motion passed.

Treasurer's Report: All is in good standing.

President's Report: Cari Jacob went over "Shop Safety".

1. There are new protocol sheets for emergencies. They are done in bright green; several are posted in the shop.
2. The school must be notified in any emergency; the school has at least five medically trained staff that could be available if there is an emergency at the shop from 8:00 am – 5:00 pm.
3. We need to put together an emergency contact list for every member.
4. Mats must be put down in front of equipment before use.
5. Safety glasses must be worn when operating equipment.
6. When operating or in close proximity of any rotating equipment you must have hair tied up, no bracelets, no loose long sleeves, no necklaces, no hoodie strings, no loose apron strings.

Vice President's Report:

1. Holly Ingram has updated our drive system.
2. We still have 30 new members that need training. Sign up on SignUpGenius.
3. Bob Hanser purchase; Cinda Wilson, Bryant Hiiter, Ed Oller picked up some of his collection and put in storage unit. Bryant Hiiter found some nice Lakers, quartz points and large pudding stones in the collection.

Shop Report:

1. Bill Magee purchased supplies from Kingsley North.
2. Belts on equipment must be 2/3 used up before being replaced. Use the edges if the middle is worn down.
3. Bill Magee, Ed Oller, Mark Ridenour and Jim Johnson are the only people allowed to change out the belts.

Silversmith's Report: Autumn Kennedy has offered to mirror Lavonne and help her teach.

Old Business:

1. Spring Show May 18, 2024 – we have 12 vendors signed up.
2. Members were asked to advertise our pop-up show on social media.

New Business:

1. Bryant Hiiter will start training 14 4H kids. If you are available to help train, please contact him. Training Dates: April 22 & 29 and May 6 & 13.

Club Classes:

1. Flint Knapping class set for April 25th. Max of 7 students per class. The cost of the class and materials is \$65.00 per person. The class will be at the shop from 4-8:30.
2. Rock of the month class is held on the first Wednesday of the month in room #33 from 1-2:30. This month will be Wednesday, May 1st., we will be discussing birthstones for April, May & June. Learn more about Diamonds, Emeralds, Chryophrase, Pearl, Alexandrite, and Moonstone.

Adjournment: Jim Glassbrook made a motion to adjourn the meeting at 6:38pm. 2nd by Cinda Wilson. All in favor, motion passed.

Respectfully Submitted by
Terri Ridenour, Secretary



May 3-5, 2024

Kalamazoo Geological and Mineral Society’s Show

Kalamazoo Expo Center, 2900 Lake Street, Kalamazoo, MI

Info: Dave Haas, stonehouserrock@cs.com

May 4, 2024

Spring Rockhound Festival at Rockhound Rock Shop and Supply

33 W. Battle Creek St, Galesburg, MI 49053

May 25, 2024, 10 am – 4 pm

18th Annual Petoskey Stone Festival

Barnes Park Campground, Antrim County

May 31, June 1-2, 2024

State Line Gem and Mineral Society’s Show

Junior Fair Building, County Fairgrounds, 8514 State Route 108, Wauseon, OH

Info: Sherman Kardatzke, sakardatzke@gmail.com

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2024 LGMS BOARD AND GENERAL MEMBERSHIP MEETING DATES

Please be aware that during membership meetings the shop will be totally shut down at 5:45 pm. We will probably add in show meetings starting in May at 4:30-5:30 same day as general meetings.

Month	2024 date	Time	Meeting type	Location	
1	Wed. 1/24	1 pm	Board Meeting		
2	Wed. 2/21	1 pm	Board Meeting		
3	3/19	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
4	4/16	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
	5/18	one day	Popup Show	church parking lot	
5	5/21	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
6	6/18	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
7	7/16	6 pm	General Membership	Settlers Park	Shop shut down at 5:45
8	8/20	6 pm	General Membership	Settlers Park	Shop shut down at 5:45
9	9/10 (one week early)	6 pm	General Membership/before fall show on 9/21-9/22	LGMS shop	Shop shut down at 5:45
10	10/15	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
11	11/19	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
12	12/17	6 pm	General Membership during Holiday Party	Senior Center	Shop shut down at 5:45

Facts About the Greatest Great Lake

Lake Superior is not only the largest of the Great Lakes; it is the largest body of fresh water on Earth. Situated on the northern edge of Wisconsin, Lake Superior extends from the upper peninsula of Michigan north to Ontario, Canada, and reaches west to the eastern edge of Minnesota. The name Superior refers to its size and also designates the lake's position as the northernmost of all the [Great Lakes](#). The lake is about 160 miles (257 kilometers) wide and about 350 miles (563 km) long. It has a surface area of 31,700 square miles (82,100 square km) and water volume of 2,900 cubic miles (12,100 cubic km). The shoreline measures 2,726 miles (4,385 km), according to the [Environmental Protection Agency \(EPA\)](#). The deepest point in Lake Superior is 1,300 feet (400 meters) below the surface, making a complete freeze a rarity. Lake Superior boasts extremely clear water, with an average underwater visibility of 27 feet (8.2 m). It takes almost 200 years for the lake to refill with new water, according to the [University of Wisconsin](#).

Like all of the Great Lakes, Lake Superior is prone to lake effect snow, but the weather is generally moderate, with warmer temperatures than inland throughout the year. Winter temperatures around the lake rarely fall below minus 30 F (minus 34 C), well above inland temperatures. June and July are calm months, while October and November are prone to storms.

During most winters, the lake is 40 to 95 percent covered with ice, although it rarely completely freezes. The last time Lake Superior froze over was in 2014. Overall, the Great Lakes reached a [91 percent ice cover](#) that year, which is the most the lakes have frozen since 1979. Freezing of the lakes is monitored because it affects hydropower generation, commercial shipping, the fishing industry and more, according to the [Office of Oceanic and Atmospheric Research](#). The average water temperature is 40 F (4.4 C) — lower than the other Great Lakes, which are farther south. The water temperatures during the summer months average about 55 F, but surface temperatures reached a record 68.7 F (20.4 C) in August 2010 and are affected by the amount of surface ice during the previous winter.

Lake Superior first took shape about 1.2 billion years ago as a result of the North American Mid-Continent Rift, which carved an arc-shaped scar stretching from Kansas through Minnesota. The first people to settle in the region arrived around 8000 B.C., after glaciers retreated, according to "[History of Lake Superior: A Timeline](#)". By 500 B.C., Laurel people were trading for metal and other goods with different regions. By the early 1600s, the Ojibway people had established a village of several thousand on Madeline Island. French explorers, including Samuel de Champlain (circa 1567-1635) and his scout, Étienne Brûlé (circa 1592-1632), arrived in the mid-1600s, according to the [Canadian Museum of History](#).

The lake's name comes from the French word *lac supérieur*, which means "upper lake." It called this because it is north of Lake Huron, which was discovered first by Brûlé. The Ojibways said that the lake was protected by Nanabijou, Spirit of the Deep Sea Water, according to the University of Wisconsin. Superior was a major mode of transportation for the fur industry and other trading activities during the Colonial period and remains a shipping hub today.

Because of varying depths and unpredictable weather, Lake Superior and the other Great Lakes have been prone to maritime accidents. One of the most well-known incidents occurred on November 10, 1975, when the [Edmund Fitzgerald](#), a large cargo ship carrying iron ore, encountered a severe storm that killed the ship's 29 crew members. Lake Superior is home to about 80 species of fish, including carp and varieties of trout, salmon and perch. The Lake Superior region is also home to many common native plant species, including Michigan's state tree, the white pine, and Flowering Rush, an aquatic plant that grows along the shoreline. Lake Superior's basin is home to nearly 60 orchid species. As with many lakes, Lake Superior is home to many species of birds, including varieties of hawks, loons, owls and woodpeckers. Duluth's Hawk Ridge, which is on the lake's north shore, hosts as many as 10,000 migrating birds of prey each day during the fall migration season. There is a small population of endangered whooping cranes on the lake's north shore, one of only two crane species in North America. As of 2017, there were only 483 individuals in the wild across North America, according to the International Union for Conservation of Nature.

Livingston Gem and Mineral Society

9525 E. Highland Road

Howell, Michigan 48843-9098



**General Membership Meeting on
Tuesday, May 21, 2024
6 pm in the shop**

Snacks welcome!

Livingston Gem and Mineral Society was established in 1970. The annual membership fee is \$65.00 for adults and \$25.00 for youth ages 13-17. There is an additional fee of \$1.00 per day for workshop use. Annual dues and annual shop fees are due on December 31 of each year. The Livingston Gem and Mineral Society publishes *The Living Stones*. Non copyrighted articles may be reprinted provided that they are properly attributed. Newsletter deadline is the 20th of each month. Articles or correspondence can be sent to LGMS, Hartland Consolidated Schools, 9525 E. Highland Rd. Howell, Michigan 48843-9098.

Our Mission

The Livingston Gem and Mineral Society is a nonprofit organization and member of the Midwest Federation of Mineralogical Societies and the American Federation of Mineralogical Societies. Our purpose is to promote, through educational means, public interest and increased knowledge in the fields of mineralogy, archaeology, paleontology and the lapidary arts.