

The Living Stones

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Livingston Gem and Mineral Society

June 2022

President's Message

"In early June the world of leaf and blade and flowers explodes, and every sunset is different."

– John Steinbeck, *The Winter of Our Discontent*

Locker Cleanup Phase 1 - New locks on all drawers with open holes. **Completed.**

Phase 2 - Lockers with old members' names on them from years past, emptied and locks replaced. **Completed.**

Phase 3 - Replacing locks on drawers with no keys or missing keys. Items in the drawers will remain under new lock & key until members make decisions regarding yearly fee or removing their items. April 1st was the deadline. **Completed.**

Phase 4 – All attempts at notifying/contacting old members have been made. Unclaimed lockers are being categorized for club silent auction and for sale at shows.

In progress –

#1 Silent Auction Total \$149, **#2 Silent Auction-Tuesday, June 21, 4:30 to 5:30 (outdoors before June's general meeting @ Settlers Park).**

May Pop-Up show had a bit of rain in the morning and then warmed up nicely and we had a steady crowd of buyers. **Very BIG thank you to all our volunteers who painstakingly carried rocks and organized the club table, set up tables & take down, putting up signs, security teams and all the un-noticed jobs that are required to make a show a success!**

Our club absolutely requires volunteers to function. Our board members, directors, trainers, teachers and some members of our club are supporting on that level. On that note, I'd like to share some traits of a great volunteer!

Five Traits that make a Great Volunteer

1. Passion: Passion can be infectious, so it's an important trait that all great volunteers must share. Sincere passion can be inspiring to others that can make a difference in the organization. **Passion is what keeps a person going back each day with a smile on their face.**

2. Reliability: There's nothing worse than depending on someone to do something and then having them fall through on their commitment. **The golden rule to volunteering is that if you commit to something...do it!** Your ability to fulfill a commitment doesn't just reflect on you, it also reflects upon the organization you are volunteering for. Great volunteers remain professional in all situations.

3. Integrity: As a volunteer, you are entrusted with an organizations resources, facilities and customers. This can be a huge responsibility! Great volunteers realize that everything they are doing is a direct representation of the organization that they are volunteering for. **Volunteering does not require a gift, reward or compensation for the time spent. Integrity is the key to success.**

4. Team Player: As a volunteer, you will work with all sorts of different people. **Being friendly and flexible is a key trait of a great volunteer.** It's important to know when to speak up and contribute or when to sit back and let others lead the way. Are you approachable and a good listener? These are important qualities of a team player.

5. Energy: Volunteering isn't just about giving your time. It requires positive energy. You need to be able to hit the ground running and be excited about what you are doing. Energy is a lot like passion. If you have good positive energy, people around you will follow suit.

Members, Jim Hanson & Jim Johnson have organized another FUN trip to Rockport State Recreation Area, Saturday, June 4, 2022. Should be an interesting & informative trip with the "Jims"! Look for more information soon, on Facebook and in the shop.

*Dues for 2022 LGMS membership are \$65 with \$1 daily shop fee. They are considered late now. If you haven't paid, please add the \$5 locked drawer fee and the drawer #, if you are using one (one drawer per person). Remember to get your newly designed t-shirts for yourself and family and club decals for your car! T-shirts and decals can be purchased at the shop. (\$15-\$18 t-shirts) (Decals \$8).

General Membership meeting Tuesday, June 21 at Settlers Park @ 6:00 pm. **#2 Silent Auction-Tuesday, June 21, 4:30 to 5:30 (outdoors before general meeting @ Settlers Park). Bylaws committee will be meeting 3:00-4:00 at the shop.**

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 5:45 pm on general membership meeting days.

June shop hours: Tues. thru Fri. Tues/Wed 10 am-9 pm, Thurs 10 am-9 pm (silversmiths only), and Fri 9 am-4 pm. 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 /President

General Membership Meeting

May 17, 2022

Call to Order – 5:58pm

1. Roll Call: a total of 20 Members including board members. Linda Sheedy motioned to approve the minutes with no changes and Ted Vosburgh 2nd.

Motion passed.

2. President – Cari Jacob

A. Spring Cleanup

1. Lockers – There are lockers left that we have been unable to speak with the owners. We will keep trying.

B. Our next meeting will be at Settlers Park outside at 6 pm. There will be a silent auction before the meeting from 4:30-5:30 pm.

C. Club Table at Pop-up Show – there will be boxes available for members to keep their items they purchased if working all day to keep the money separate.

D. Bylaws committee – will be meeting from 3-4 pm at the shop to discuss changes.

E. We may drop Friday shop hours for the summer since there are not even 2 people who show up.

F. We need trainers for the new members – we have about 40 people to train!!!

G. Lori Irvin., Ed Oller, Bryant Hiiter, Janelle Gustafson, & Gayland Allen all volunteered to be trainers to get new members in sooner.

3. VP Report – Cinda Dawson

A. LGMS Shirts available for purchase \$15-\$18; car decals available for \$8.

B. Nancy will be donating all the money she collects from selling her jewelry magazines.

C. Social Media – for Pop-Up & September 2022 Show.

1. Post flyers of the show – something fun to do this weekend.

D. Estate Sale – There was an estate sale reviewed by Bryant and Cinda with a value of \$2,500. We offered \$1,500. We will be notified if we won the bid.

1. Vote taken to allow the purchase of the Estate at \$1,500 if we win the bid.
Approved to purchase 18 yea/20 nay.

E. There is concern for our storage unit having room if we purchase a 16” saw.

1. The commercial tumble polisher needs to be taken out. Bill Magee will talk to Ridenours for purchase. He agreed to dismantle it for parts, so it will be out of the storage unit soon.

4. Treasurer’s Report – Linda Sheedy

A. Made \$149 from the silent auction held today before the meeting.

B. The Club showed a loss of \$453 due to a Kingsley order.

5. Shop Keeper Report – Bill Magee

A. \$2,500 for a power-feed trim saw.

B. Dan D. from Indiana has one for \$2,300.

C. We are to get final numbers soon.

1. Vote taken to spend up to \$2,500 for a new trim saw. Passed unanimously to buy the saw and to sell the middle trim saw to help fund the new one.

D. All machines on Tuesday/Friday when Bill Magee came in were SPOTLESS!!! That is the best THANK YOU he could have!!
EVERYONE, PLEASE CONTINUE TO CLEAN THE MACHINES AFTER EACH USE! Thanks!

6. Silversmith Report – LaVonne Foldenauer

A. Trip to Georgia was GOOD! Learned many new techniques.

B. Silversmith accounts are in good standing with a positive balance. End of April \$317 + \$150 thru May 10 - plus daily fees and product \$249 = \$716 balance.

1. Purchased a large shock tumbler for \$89.

2. Purchased A Spinner Ring Maker for \$89.

3. Will also be purchasing Silver.

7. Old Business

A. Pop-Up Show in Waterford will happen in 3 days on May 21, 2022 at Christ Lutheran Church.

B. September Show will be held in the School on September 17 & 18.

C. All Forms sent out to Vendors.

1. We need DONATIONS ASAP for the Show Prizes and the Silent Auction Table to make money for the Club! IT IS NOT TOO EARLY TO START. Donations include: Rocks, Rock Books, Cabs, & anything rock related.

2. Silversmiths – Ed Oller providing 1 cab that you can make into jewelry for the auction table. Then You will get 2 cabs for your own personal use! Wow, Thanks again, Ed!

8. New Business

A. Central MI Lapidary and Mineral Society will be having their Annual Banquet on 5/19. Bryant Hiiter and Cinda Dawson will attend to promote our September 2022 Show!!!

B. Rockport Trip – June 4th – see Jim Hansen or Jim Johnson.

(Minutes cont.)

- C. For sale: 30 YEAR OLD Rock Collection from Dayle Harrison.
1. Dayle reported the minimum is \$100 and he will give LGMS members 10% off & maybe even 20%. If you buy \$500 he may do 25%!
 2. Each Club member can go to his house and get about 2 hours of private time before the public comes that day.
 3. The dates are June 10th at 10 am & June 11th at 11 am. Can go individually or make a fieldtrip out of it!
9. **Adjournment** 7:04 pm. Motion 1st by Bill Magee, 2nd by Bryant Hiiter. Motion passed.
10. Next **GENERAL Meeting** 6/21/22 at Settlers Park at 6:00 pm, Please note that there will be a silent auction before this meeting – from 4:30-5:30pm. **COME EARLY!**
- Respectfully submitted,
Lori Irvin, Secretary



Lost at the Pop-Up Show in Waterford

John N lost a large copper nugget weighing about 2.5 lbs. If you have any information, please contact Cinda at 810-423-0464.

Rock Sale

Dayle Harrison is selling his 30 year-old collection. LGMS members have pre sale opportunities – see details in item “C” above. If you are looking for something specific, you can let him know and he may be able to pull it for you.

Earth Art Rock and Gem Shop
3791 - 122nd Ave, Allegan, MI 49010
616-218-4444

Reminder to all experienced members

Many new club members are being trained during the early summer. Your friendly welcome and assistance is important!

Step back in time 350 million years!

Join Jim Hansen and Jim Johnson for a
2-part FIELD TRIP
at the Rockport State Recreation Area
Saturday, June 4

Meet in the picnic area parking lot between
11:30 and 12 noon.

*spend 2-3 hours at the Rockport State Recreation Area quarry searching for devonian age fossils.

*spend 1-2 hours at a private gravel pit about 40 minutes away searching for Indian artifacts and fossils.

Rockport is about a 3 1/2-hour drive from the LGMS shop. Overnight accommodations are available in Hillman or in Alpena.

Full directions and additional information are posted at the shop. See either of the Jims for questions.

2022 Officers and Chairpersons

President: Cari Jacob 248-931-5999

Vice President: Cinda Dawson 810-423-0464

Secretary: Lori Irvin, 810-820-0494

Treasurer: Linda Sheedy 248-425-9686

Second year Directors:

Bill Magee 734-981-6117

Jane Lerma 517-438-6476

First year Directors:

Janelle Gustafsen 248-420-1741

Jim Johnson 810-923-6113

Hospitality and Sunshine:

Angela Hamilton 248-431-8288

Greyson Beckett 248-920-4913

Shop Chairpersons:

Bill Magee 734-981-6117

Newsletter: Isla Mitchell, 248-685-7804,
imvm.1@netzero.com

Membership: Cinda Dawson, 810- 423-0464

Historian: Chuck Amberger, 248-787-6586

Library: Bryant Hiiter, 248-210-6138

Webmaster: John Myer, www.livingstongems.com
Email: LGMSMich@gmail.com

General Membership Meetings are held monthly on the 3rd Tuesday at 6 pm. (Except in January and February when board meetings are held in the shop.)

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.

2022 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.**

Month	2022 date	Time	Meeting type	Location	
1	1/25	1 pm	Board Meeting	LGMS shop	
2	2/15	1 pm	Board Meeting	LGMS shop	
3	3/15	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
4	4/19	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
5	5/17	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
6	6/21	6 pm	General Membership	Settlers Park	Shop shut down at 5:45
7	7/19	6 pm	General Membership	Settlers Park	Shop shut down at 5:45
8	8/16	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
9	9/13	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
10	10/18	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
11	11/15	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
12	12/12, 12/13, or 12/14	6 pm	General Membership and Holiday Party	Senior Center	Shop shut down at 5:45

Upcoming Events

June 3-5, 2022

StateLine Gem and Mineral Society's Annual Show

Fulton County Fairgrounds, 8514 SR 108, Wauseon, Ohio, Info: <http://statelinegms.com>

June 11-12, 2022

Mid-Ohio Mineral and Fossil Club's Show

Richland County Fairgrounds, 750 North Home Road, Mansfield, OH, Info: Tom Kottyan 419-562-1152

June 11, 2022

Indian Mounds Rock and Mineral Club's Rock Swap

Woodland Drive-In Church, 2600 Breton Rd SE, Grand Rapids, MI, Info: LaDonna Austhof, 616-426-7169,
www.indianmoundsrockclub.com

June 24-25, 2022

Lawrence County Rock Club Annual Show

Lawrence County Fair Grounds, US-50 Loogootee, IN, Info: Kathy Shaffer, 812-671-8704

August 8-11, 2022

Keweenaw Copper Mine Piles

Info: George Schriver, pres@ccrmc.info

August 13-15, 2022

Copper Country Rock and Mineral Club Annual Rock and Mineral Show

Houghton Elementary School, Info: George Schriver, pres@ccrmc.info



Tourmaline: A Stone of Many Colors

by Rose Marion, Wire-Sculpture.com

Tourmaline is a gemstone which is typically a schorl (a word used since before 1400 in Europe to name the black stone). Black tourmaline enjoyed a boost along with jet and other black gems during Queen Victoria's mourning jewelry influence in the 1800s. Yet while tourmaline is usually black, the most valued gems of modern-day are the unusual colors: green, blue, pink, red (often called rubellite), brown, and "watermelon tourmaline," which is a tourmaline crystal pink on the inside and green on the outside (bi-colored, like ametrine). Some watermelon tourmaline even has a visible white or translucent "rind" between the pink and green layers!

Yellow tourmaline and purple tourmaline are even more unusual than the non-black colors, and have been found in several locations. A recent discovery of canary-yellow tourmaline in Malawi is allowing more yellow tourmaline on the market. Tourmaline can be opaque to transparent, so you may see it as a faceted stone but also as a cabochon.

Indicolite (in-dic-uh-lite) is a special word for dark-blue tourmaline, which was also called Brazilian Sapphire. This word, meaning "blue stone," was originally "indigolite," a word probably coming from the South America mines. Some gem-sellers would suggest this gem when a high-end customer is looking for an alternative to sapphire, which tanzanite and iolite would also replace nicely. Peacock-blue indicolite, especially with little to no green hues, is easily as expensive as an equivalent sapphire, because the true blue color is so rare.

Like iolite, tourmaline has dichroic color-changing properties depending on how it is cut. A gemcutter must take care that he cuts the stone the right way, because cutting on the wrong angle will cause the translucent tourmaline to appear cloudy, dark, and even muddy.

The darkest tourmalines, such as turquoise and green tourmalines, can be heated to lighten the colors. Also, the pink and red tourmalines may have irradiation to enliven the colors. When tourmaline's not on its own, you can find it included in quartz, creating the stone called tourmalinated quartz, or tourmalated quartz. Like quartz, tourmaline is made of silica, but also a handful of other elements, such as boron, aluminum, iron, sodium, and lithium.

Tourmaline Sources Gem-quality tourmaline mainly comes from Brazil and Africa (including Tanzania, Kenya, and Madagascar) with some from Sri Lanka, formerly Ceylon, the land that gave tourmaline its name (possibly from 2 words, one meaning "stone that attracts ash", and the other "more colors." The bit about attracting ash is related to the fact that some tourmaline can generate electricity when it's heated and then allowed to cool! ("pyroelectric").

Tourmaline has also been found in the United States: Maine and California were significant producers of tourmaline in the 1900s. In fact, in the early 20th century, those two states at opposite ends of the country were the top producers of gem tourmalines! In 1971, Maine named tourmaline its state gemstone, and some Maine locations, including Oxford County, still have mines open to the public where you can mine for tourmaline for a small fee.

Tourmaline is fairly durable, rating a 7-7.5 on Mohs scale, similar to quartz. However, similar to the hollow inclusions in emerald, tourmaline may have fissures that reach the surface of the stone; in this case, most affected stones would be sealed with resin. Keep tourmaline away from harsh chemicals and direct blows to preserve the stone.

Tourmaline in Culture Pink and green tourmaline were funeral gifts in centuries-old Native American traditions. Tourmaline has been treasured as a gemstone for well over 2,000 years. An Ancient Egyptian legend explains that as tourmaline journeyed to the earth's surface, it passed over a rainbow, and took on all its colors! Fitting to its color-changing properties, according to the American Gemstone Trade Association (AGTA), "ancient mystics believed tourmaline could encourage artistic intuition." Some people believe that wearing jewelry made from the darkest black schorl tourmalines can protect oneself from exposure to radiation.

Tourmaline is a birthstone of October, specifically pink tourmaline, along with opal. Pink tourmaline is also a traditional anniversary gift for the 5th year, an alternative to sapphire with sapphire. It's also appropriate for the 8th and 38th anniversaries (and if you or your spouse like it, why not more!)

Resources: Indicolites; About Maine Tourmaline; Tourmaline; Tourmaline on ICGA; Tourmaline and Anniversaries

Livingston Gem and Mineral Society
9525 E. Highland Road
Howell, Michigan 48843-9098



General Membership Meeting
June 21, 2022 at 6 pm (shop shutdown at 5:45)
Settlers Park
Silent Auction 4:30-5:30 before the meeting

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 January 1 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.