

The Living Stones

Page 1

Livingston Gem and Mineral Society

January 2021

President's Message

Happy New Year everyone,

I am hoping all of our club members and families had a very healthy and happy Christmas and will continue on to a very safe and prosperous New Year!

I'm sure many of you members are asking themselves, "Cari Who" ...when notified about our new 2021 president. Let me give you a brief introduction!



I live in Waterford, am married with 3 grown sons (2 in Michigan, 1 in New York) and 1 grandson, working part-time in a holistic medicine office, painting and living the starving artist lifestyle!

While digging in a raw Larimar bin at another gem show, I met Jani Gustafson, who told me of a wonderful club in Hartland, where members would be able to share their knowledge and teach me how to cut/sand/polish ordinary rocks into beautiful works of art! I was hooked immediately, when Ed Oller brought me under his wing and introduced me to many other talented members of our club. I stayed all day and even worked with Big Bob learning silversmithing. That was in July of 2018. Now, many of the Tuesday/Wednesday members might remember me working "a lot" with Leland Blues!

With the winter season upon us and the start of a new year I would like to think that all of our members are ready to accomplish all the

projects and goals they have planned for this coming year. As this year's president, it is my goal to serve our club to the best of my ability, with focus on getting us back into our shop as quickly and safely as possible.

I would like to express my utmost gratitude and thanks to all the previous officers of our club for all the hard work and their dedication to the Livingston Gem and Mineral Society. Zach Palmieri, 2020 president, did an amazing job dealing with the shutdowns at the shop, keeping us all informed through emails and Zoom meetings. I am, also, convinced he was involved in many behind the scenes events that brought positive outcomes to our club.

This year is going to be very challenging for all of us, as there may be continued closures mandated from our governor. We were grateful for Cinda Dawson, for initializing and organizing the *SignUpGenius* online to help organize and monitor members in the work areas of our club. The members who volunteered to monitor and supervise cleanup were especially appreciated.

We are so blessed that our newsletter champion, Isla Mitchell, could continue to keep us all informed thru this Covid year. Also, congratulations, again to our Max Schultz winners: Isla Mitchell & webmaster John Myer! In closing, I would like to thank our entire group of club members who took the time allowed to help out around the workshop. Our workshop is the central hub of our club! We all need to do our part in keeping it clean, safe, and operating effectively.

Contact info: caricatures@comcast.net or cell phone 248-931-5999.

Sincerely yours,

Cari Jacob

2021 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 248-624-3605

Second year Directors:

Sheila York, 810-695-0509

AnnMarie McFadden, 248-884-8126

First year Directors:

Bill Magee 734-981-6117

Jane Lerma 517-438-6476

Hospitality and Sunshine:

Angela Hamilton 248-431-8288

Greyson Beckett 248-920-4913

Shop Chairpersons:

Bill Magee 734-981-6117

Greyson Beckett 248-920-4913

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 or

www.livingstongemandmineralsociety.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.)



We've gone digital!

2020 has brought so many unexpected challenges but some have resulted in positive changes that will enhance club activities for the future. Under the leadership of **Zach Palmieri** and with the computer skills of **John Myer** and **Cinda Dawson**, LGMS is making full use of Mailchimp, SignUpGenius and PayPal. Many thanks !



Thanks to our outgoing officers

Zach Palmieri

Dan Goodwin

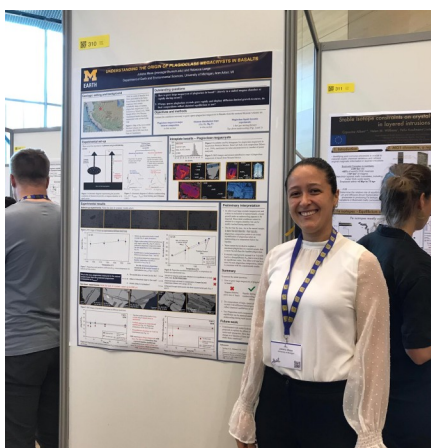
Jim Parker

We appreciate the time and talents you have given our club during the past most unusual year.

AMERICAN FEDERATION OF
MINERALOGICAL SOCIETIES
Scholarship Foundation Award

Given in Honor of George and Anna Pernicano

Two students were awarded \$4000 each to use in furthering their studies.



Juliana Mesa is a fifth year graduate student working under the supervision of Professor Rebecca Lange in the department of Earth and Environmental Sciences at the University of Michigan. Her dissertation focuses on examining crystal growth in melts during ascent along fractures. This work contributes to understanding time scales of volcanism and continental crust evolution. To achieve this goal, Juliana uses electron microprobe analysis to obtain geochemical data of minerals such as olivine, plagioclase, ilmenite, and titanomagnetite, and then applies models to determine the conditions of crystallization (e.g., temperature, water content). The samples used in her research were collected from Mexico and California. Juliana loves rocks and minerals, and is very grateful to the Midwest Federation of Mineralogical and Geological Society to be granted this distinguished award that will help her continue to unfold the fascinating stories that her volcanic rocks have to tell.



I am Kierstin Rosenbach, a 5th year PhD Candidate studying vertebrate paleontology at the University of Michigan Museum of Paleontology and the Department of Earth and Environmental Sciences. My research is focused on the biology of giant pterosaurs (flying reptiles with wingspans ranging 5 to 10 meters). My projects explore the presence of new species of pterosaur from the latest Cretaceous, their evolutionary relationships, and their capacity to maintain powered flight at such extremely large body sizes. Aside from research I am an educator, mentor, and consultant. I teach geobiology, environmental science, and geology at the university, and I also share my work with the community through outreach events at the museum, local libraries, and virtually in classrooms around the country. I am committed to using my projects as an opportunity to employ undergraduate researchers, particularly young women interested in careers in science. I have also had the joyful experience of editing children's books about dinosaurs and pterosaurs. I am always looking forward to opportunities to share my love of science and fossils with kids, adults, students, and friends both here in Ann Arbor, and across the globe.

Thulite

(mohs scale 6.5)

(from Wikipedia)

Thulite (sometimes called rosaline) is a translucent, crystalline or massive pink [manganese](#)-bearing variety of the [mineral zoisite](#). Manganese substitutes for calcium in the structure with up to two percent Mn²⁺. Thulite is often mottled with white [calcite](#) and occurs as veins and fracture fillings transecting many types of rock. In [mineralogical](#) literature, thulite may sometimes refer to any pink zoisite. *Clinothulite* is the manganese bearing variety of monoclinic [clinozoisite](#).

Thulite was first discovered at a place called [Sauland](#) in [Telemark, Norway](#) in 1820. It is named after the mythical island of [Thule](#) in the belief that the island is Scandinavia. Thulite is used as a gemstone and carving material in the manufacture of jewelry and ornamental objects.

Thulite is also found in the [Austrian Tyrol](#) and in [Mitchell County, North Carolina](#). A new, more recent find of a small quantity of thulite was discovered near [Riverside](#) in [Okanogan County, Washington](#), US and in [Snillfjord](#) i Trøndelag, Norway during tunnel constructions in December 2018. Thulite is also found in New Zealand in the Otago region of the south island . It's a rare mineral and better quality than NZ rhodonite.



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.



Hunting for Fulgurites

Cinda Dawson recommends a 12 minute YouTube video where a group of people organized through the Southeastern Geological Society went hunting for Fulgurites in Florida:

<https://youtu.be/hPts6OhcnQg>



2021 Dues are overdue now

Please complete this form, tear off, and mail to
Linda Sheedy, Treasurer, LGMS, 9525 E. Highland Road, Howell, MI 48843
During shop closure, mail to **1582 Forest Bay Court, Wixom MI 48393**

LGMS Membership Renewal 2021

Last name (please print)

First name

Address

City

State

Zip code

(Area code) Phone number

Email address

Hartland School District resident ___yes ___no

Newsletter preference: ___shop ___email

Adult membership(s) _____ x \$50.00 = _____

Youth membership(s) (ages 13-17) _____ x \$25.00 = _____

Total Payment _____

The club is much more interesting, and really cannot function without volunteer help. Please mark the categories where you would like to contribute.

<input type="checkbox"/> Shop/Machine Maintenance	<input type="checkbox"/> Field Trips	<input type="checkbox"/> Membership	<input type="checkbox"/> Publication/printing
<input type="checkbox"/> Board position	<input type="checkbox"/> Presenter	<input type="checkbox"/> Website/internet	<input type="checkbox"/> Newsletter
<input type="checkbox"/> Education/4H	<input type="checkbox"/> Auctions	<input type="checkbox"/> Media/marketing	<input type="checkbox"/> Hospitality

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



#179941502

No General Meeting is scheduled.

**Tentatively the Board plans to meet via Zoom
January 19, 2021, 6 pm.**

Livingston Gem and Mineral Society was established in 1970. The annual membership fee is \$50.00 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