

The Living Stones

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Livingston Gem and Mineral Society

January 2019

Hosting the 2020 Midwest Federation Convention

President's Message

Happy New Year!

I hope that everyone enjoyed spending time with friends and family over the holiday break.

Our holiday banquet, on December 11th, was a lot of fun. I'd like to thank Ann Marie for setting up, and running, the competitions for best cabochon, handmade jewelry, and picture in a stone. And thank you to Ann Marie, and Bryant, for spending a lot of time pricing stones and specimens for the silent auction. Also a "shout out" to the many people who helped bring the items from the storage locker to the workshop.

Thank you to Danielle and Sharon for singing, and playing the ukulele at the banquet. We had a great time listening to Christmas songs and they made the evening much more festive.

On December 14th, several members helped rebuild the drainage system for the grinders and polishers. The larger tubing should help prevent clogs that have plagued us for quite a while. If you happen to arrive at the workshop early, please help wipe out the drainage tube while the sediment is damp/dry, before running the water.

A big thank you to Jim Hansen, Bill Magee, Parker, Zac, and anyone else who participated. Volunteers, like you, make the workshop run so much better, and you are greatly appreciated.

I am looking forward to being President in 2019. I have been a member since April of 2015. And I spend a lot of time at the workshop. For anyone who doesn't know me, I have a Mechanical

Engineering degree, and worked as test engineer for 20 years before retiring (temporarily?) in 2013.

I plan to be at the workshop most Tuesdays from 11 am to 4 pm. So that would be the best time to meet with me, if you have suggestions and solutions. If you have an urgent issue, and need to call me, please leave a message. It is my family's policy to not answer our phone unless we know who is calling. If you leave a message I will get back to you.

As in previous years, meetings in January and February, will be attended by board members only, and will be held on the third Tuesday of the month, at 1 pm. So our next meeting will be on January 15th.

One of my New Year's resolutions is to start polishing some of my nicer rocks, rather than hoarding them. I also want to try polishing smaller cabochons for earrings and rings, which can be quite challenging.

I hope you have some rockin' goals for 2019, and are looking forward to the new year.

Cinda Dawson, President



Livingston Gem and Mineral Christmas Party December 11, 2018

There was a good turnout for the Christmas Party held December 11, at Hartland Senior Center. Entertainment was provided by Danielle Blanchard and Sharon Parker. President Sherlynn Everly gave her good-bye to the group citing some of the accomplishments we have made in the past two years. We have a members only Facebook page, increase in members (240), updated web site, funded library, Rock of the Month Club, ability to use credit cards for purchase at our show, moved rock inventory out of Sheila York's barn to a storage unit close to the shop, good rockhounding trips, expanded hours in shop.

Oath of Office was taken by new LGMS officers: President – Cinda Dawson, Secretary - Lori Irvin, 1st Year Director – Jim Parker, 1st Year Director Dan Goodwin. Incumbents are Ann Marie McFadden, Vice President, Sheila York, Treasurer, Bill Magee 2nd Year Director, and Lavonne Foldenauer 2nd Year Director.

We enjoyed lots of food with the potluck dinner. Winners of the rock competitions were announced: Best polished cabochon was Cinda Dawson, Best picture in a polished stone was Isla Mitchell, Best piece of jewelry, Ann Marie McFadden. We drew numbers for our gift exchange and the winners of the silent auction picked up their rocks. A good time was had by all.

Merry Christmas and Happy New Year! I enjoyed being your secretary for 3 years.

Respectfully submitted
Lori Keefer, secretary LGMS

Workshop Hours

Monday: 10 am to 3 pm
Tuesday: 9 am to 9 pm
Wednesday: 10 am to 9 pm
Friday: 9 am to 2 pm



Let our New Year's resolution be this:
we will be there for one another as
fellow members of humanity,
in the finest sense of the word.

Goran Persson

2019 Officers and Chairpersons

President: Cinda Dawson 810-632-6922

Vice President: AnnMarie McFadden, 248-884-8126

Secretary: Lori Irvin, 810-820-0494

Treasurer: Sheila York, 810-695-0509

Second year Directors:

LaVonne Foldenauer, 517-546-5463

Bill Magee, 734-981-6117

First year Directors:

Dan Goodwin 810-252-0026

Jim Parker 517-548-0675

Hospitality and Sunshine:

Venus Sage, 810-458-4290

Shop Chairpersons: Jim Hansen, 248-933-1482

Bill Magee, 734-981-6117

Sharon Parker, 517-548-0675

Newsletter and Membership:

Isla Mitchell, 248-685-7804

imvm.1@netzero.com

Membership: Cinda Dawson, 810-632-6922

Historian: Chuck Amberger, 248-787-6586

Library: Bryant Hiiter, 248-210-6138

Webmaster: John Myer

www.livingstongems.com or

www.livingstongemandmineralsociety.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.)



“LGMS Rocks for Members Only”
group page

Rock of the Month Club

Wednesday, January 9, 2 pm
(second Wednesday of the month)

Jim Hansen and Bryant Hiiter will lead the discussion on **Lakers**.
Bring your Lake Superior Agates.

Come to learn and share your specimens!

Weather-Related Shop Closings

Remember that when Hartland Consolidated Schools are closed, the shop is closed. Check with radio and TV announcements.

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.

Interesting Facts about Rocks and Minerals

A rock is a solid substance that occurs naturally due to geological processes of solidification, sedimentation and metamorphism.

Every rock is made up of various minerals. However, a mineral is an inorganic solid that has one chemical composition.

The structure of a rock is not uniform. Various minerals and weathering give the rock its texture. However, a mineral has definite crystalline structure, which gives it a unique color.

Broadly, rocks can be classified into three types, namely, igneous, sedimentary and metamorphic rocks.

A rock is formed when magma erupts from the earth's core and solidifies due to the difference in the temperature outside.

Chemical sedimentary rocks are a result of dissolved minerals which are left behind when water evaporates.

The oldest rocks on the surface of the earth are igneous rocks.

The constant exposure to sun, water and wind bring about a change in size and shape of the rocks.

A rock is in a continuous process of formation, being worn down and then forming again. This process is known as the Rock Cycle.

Pumice is an igneous rock, formed when frothy lava solidifies. This is the only rock that floats.

Fossils are found in sedimentary rocks.

Metamorphic rocks are the ones that have changed from either being sedimentary or igneous.

Gemstones are minerals and not rocks, as they are popularly addressed.

A mountain is essentially a rock.

Sand is a result of constant weathering of rocks.

There are more than 4000 minerals identified by geologists and scientists. But this is not the maximum number as there are new reports that suggest the discovery of new minerals annually. Minerals are further divided into metals and non-metals. For instance copper, silver and gold are metals and elements such as carbon and sulfur make diamond and graphite, which are not metals.

Dinosaur Battle Begets Court Fight

A fight between dinosaurs has evolved into an unprecedented human legal dispute—66 million years later.

An amateur archaeologist named Clayton Phillips uncovered the skeletons of two "Dueling Dinosaurs", who were apparently locked in combat, in fossil-rich eastern Montana. The skeletons, valued at \$7-9 million, were buried on land whose owners do not have mineral rights to their property. The previous owners, who retained mineral rights in the sale, claimed the skeletons were minerals, prompting a unique court case to define whether the fossilized skeletons are, in fact, legally minerals. No U.S. Court had taken up that question before.

The 9th U.S. District Court of Appeals eventually ruled in November that the skeletons are indeed minerals, by both scientific and legal definitions.

Ever wonder what our skeletons will be worth in another 66 million years?

Adapted from Amy Beth Hanson, Associated Press



2019 Dues are OVERDUE

Tear off and mail to Sheila York, Treasurer, LGMS, 9525 E. Highland Rd, Howell, MI 48843
2019 Livingston Gem and Mineral Society Dues

Name _____

Please note any changes in address, email address or phone number _____

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

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

Total Payment _____

Newsletter preference: _____ snail mail, _____ email, _____ shop folder

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



No General Membership Meeting
Board meets at 1 pm in the shop on
Tuesday, January 15, 2019

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. This 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.

