

The Living Stones

Page 1

Livingston Gem and Mineral Society

Sep 2018

Hosting the 2020
MWF Convention!

President Sherlynn's Message

19 Days to the 45th Annual ROCKHOUND'S DREAM SHOW, September 15 and 16, 2018

Our Club membership stands at roughly 220 right now. Believe me, that is a very big number for a Gem and Mineral Club. One thing I hear repeatedly from new members is that our annual Membership Fee of \$50 and Daily Fees of \$1 and \$2 are incredibly low. We are able to keep those fees down because of the active participation of our members.

Our Show is THE Club event. It takes everyone showing up and pitching in to make it happen. We know who the Club faithfuls are who will be there every year, and I am grateful for everything they do. But more hands make light work, so please, mark your calendar for a couple of stints volunteering for the show.

Tuesday – September 4 – 1 pm

Trip to Storage Unit to stock Club table. Need trucks, dollies and folks to carry stuff.

Wednesday – September 12 – afternoon, TBD

Clean up the Shop. Make it shine.

Lapidary equipment will not be available again until Monday, September 17 and regular hours resume.

Friday – September 14 – mid-morning

Set up for Show in Gymnasium. Floors covered and taped, tables set in place; displays set up; Children' and Club Table set up; etc.

Saturday and Sunday – It's SHOWTIME!

Sign up for a shift on the Volunteer Grid Board in the Shop. Fresh faces for clean-up on Sunday afternoon would be appreciated. Great Community Service opportunity!

If you just can't show up on any of these dates, don't forget that donations for Silent Auction, Food for Hospitality, and polished rocks/specimens for kids are also needed and welcome.

Buckle up, everyone! It's gonna be a busy few weeks!

Sherlynn Everly
President



Workshop Hours

Monday: 10 am to 1 pm

Tuesday: 9 am to 9 pm

Wednesday: 10 am to 9 pm

Friday: 9 am to 2 pm

Closed on Labor Day, September 3, 2018

2018 Officers and Chairpersons

President: Sherlynn Everly, 810-965-5899

Vice President: AnnMarie McFadden, 248-884-8126

Secretary: Lori Keefer, 248-634-8657

Treasurer: Sheila York, 810-695-0509

Second year Directors:

Jim Hansen, 248-933-1482

Sharon Parker, 517-548-0675

First year Directors:

LaVonne Foldenauer, 517-546-5463

Bill Magee, 734-981-6117

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 : 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: Marc Lampcov

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.)

Rock of the Month Club

Meeting on Wednesday, September 12
at 2 pm

Bryant Hiiter and Jim Hansen will lead the discussion on **JASPERS**. Come to learn and share your specimens.

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.

FIELD TRIP!

On Friday, July 27 Jim Hansen, “Field Trip” coordinator could find only two intrepid adventurers, members Jim Parker and John Bergren, to accompany him to the Northwest Target (pronounced Tar-Je) islands for some serious rock hunting.

The last minute trip was worth the exhaustive effort because in minutes we were all rewarded with moss and seam agates, fossils, chert with excellent patterns, and microcrystalline quartz collectibles.

You missed it, but it was well worth the time and risk. Try it someday! The directions are simple: as you exit the shop parking lot, turn left onto M-59 and go 300 yards. Look to the left and you'll see the Northwest Target Islands in their parking lot. Good hunting!

*Mark your calendar!
Tuesday, October 16 will be the date of our
annual Banquet.
Details to come.*

Help Wanted!

Publicize our show!

Use your facebook page, email, Craig's list or other means to share the show details.

Post flyers and invite friends and family to enjoy the “Rockhound's Dream Show”



*To the families who hosted our
summer potluck gatherings*

***Tony and Lynette West
and
David and Sharen Worden***

Your hospitality is much appreciated!

Upcoming Events

September 7-9, 2018

Toledo Gem & Rockhound Club Annual Show

Stranahan Theater & Exhibit Hall, 4645 Heatherdowns, Toledo

Contact: Steve Shimatski; (419) 861-0147; ajs132@gmail.com

September 14-16, 2018

Tulip City Gem & Mineral Club Annual Show. Soccer Stop Sportsplex

5 River Hills Drive, Holland. Contact Sue Goedert, (616) 452-7843, sonbeams2000@yahoo.com.

September 15-16, 2018

OUR OWN Livingston Gem & Mineral Society Annual Show

Hartland Educational Support Center, 9525 E. Highland Rd., Howell.

Contact: Ed Oller, 68 Ganges Blvd, Swartz Creek 48473; (810) 241-8801

September 22, 2018

Kalamazoo Geological and Mineral Society Rock Swap and Tailgate

St. Michael Lutheran Church Parking Lot, 7211 Oakland Dr., Portage, MI

Contact: Dennis Guy; (260) 651-1314; dguy3@charter.net

September 29-30, 2018

Midwest Mineralogical and Lapidary Society Rock Swap

Wayne County Fairgrounds, 10871 Quirk Rd., Bellville, MI

Contact: Bill Barr, (508) 803-4888; wbarr@umich.edu;

Tom Morris, Sr., 4583 Shenandoah, Allen Park 48101; (313) 278-5064

September 29-30, 2018

Grand Traverse Area Rock & Mineral Club Annual Show

Cherryland VFW Hall (Post 2780), 3400 Veterans Dr., Traverse City

Contact: Pierre LaFolle, 11788 Snowfield Ct., Traverse City 49686; pals0210@gmail.com

October 12-14, 2018

Michigan Mineralogical Society Annual Show

Macomb Sports & Expo Center, 14500 E. 12 Mile Rd., Warren.

Contact: John Peters, (313) 255-7774; joopett13@hotmail.com

October 19-21, 2018

Central Michigan Lapidary & Mineral Society Annual Show

Main Arena Ingham County Fairgrounds, 700 Ash St., Mason

Contact: Roger Laylin; (517) 349-2349; l.r.laylin@gmail.com

October 20-21, 2018

Flint Rock & Gem Club Annual Show

Carter Middle School, Rogers Lodge Dr., Clio

Contact: Bill Wendling, 9145 Johnston Rd., New Lothrop 48460; (810) 638-5796;

bwrockbarn@centurytel.net

excerpts from **The Copper Mines of Lake Superior** by T. A. Richard, 1905
Mass Copper – a continuation of the information presented in the LGMS newsletter of August, 2018
(thank you Steve Calkins)

The large bodies of metallic copper found in the lodes of Lake Superior are known as “mass”. The mines which first established the fame of this region, such as the Cliff, Phoenix, Central, Minesota, and National, were all characterized by the occurrence of “mass”. These chunks of copper were found near the surface, and for years they continued to be encountered underground in great quantity. Such mines require but little capital; they need chiefly the labor of cutting the metal and of hoisting it to daylight. “Mass mining” therefore, characterized the early days. Had the Calumet and Hecla, which has always yielded a strictly stamp-mill product, been discovered in the first decade of development, it probably would have been a failure. The discovery of the Calumet conglomerate came when the rudiments of mining had been learned and when the “mass” mines were approaching exhaustion.

Two-thirds of the output of the Cliff mine was in the form of masses, some of them yielded from 100 to 150 tons and as late as 1875 one of 40 tons was taken out. These irregular bodies of metal require special mining methods, for it is impossible to drill into them or to use picks in the ordinary way. Professor Blake has described the usual practice in words that I cannot improve: “The miner picks out or excavates a passage or chamber upon one side of the mass, laying it bare as far as possible over its whole surface. It is usually firmly held by its close union with the vein stuff, or by its irregular projections above, below, and at the end. If it cannot be dislodged by leers, the excavation of a chamber is commenced behind the mass, and this excavation is made large enough to receive from 5 to 20 or more kegs of powder. Bags of sand are used for tamping, and the drift is closed up by a barricade of refuse and loose dirt.” Reference is made to this method in the description of the effort which was made to extricate the great mass found in the old Minesota mine.

The Minesota mine, in the Ontonagon district, was celebrated for large masses. The largest was found in 1857; its greatest length was 46 ft., its greatest breadth 18.5 ft. and its greatest thickness 8.5 ft. The mean width was 12.5 ft., and the mean thickness 4 ft. Twenty men labored 15 months to remove it from the rock; some of the cuts had a face of 16 sq. ft., and the cutting-up yielded 27 tons of copper chips. The weight was estimated at 500 tons.

In removing it they had exploded 110 kegs, or 2,750 lb. of powder! The celebrated mass weighed 420 tons. These bodies of copper are extremely irregular in thickness; they are ragged in form and straggle through the lode until they nearly connect with other monstrous nuggets. Such was the character of the series of masses encountered in the Bay State mine, now the Phoenix, forty years ago. These aggregated some 600 tons, but they were bodies none of which singly exceeded 200 tons, connected by strings of metal. Therefore the fact remains that 420 tons is the largest single mass of native copper recorded in the history of mining.



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



September

September 18, 2018 at 6 pm

General Meeting

at the shop – snacks welcome

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.