

Livingstones

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Livingston Gem and Mineral Society

August 2015

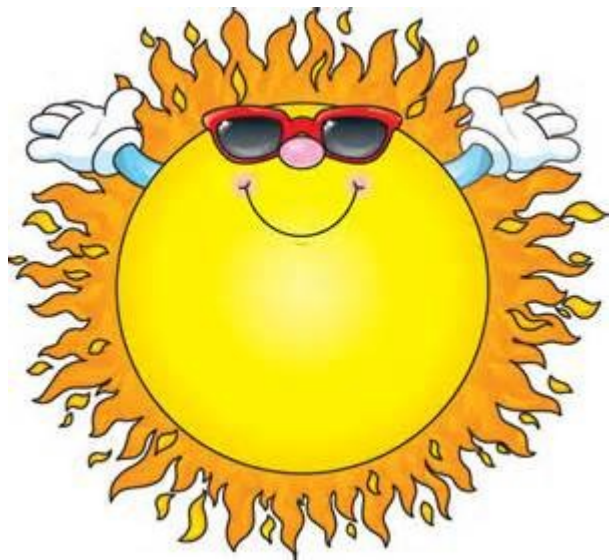
President's Message

A big thank you to Sheila York for hosting the July picnic. There were over 50 members in attendance! This month's picnic is at Gayland and Jill Allen's house, on Tuesday, August 18, at 6 P.M. Directions are in this newsletter, and at the shop.

Please take show flyers home with you to distribute. They are in the rack next to the office door, or ask an officer. Also, don't forget to sign up to work at the show. The club table and children's table both need more volunteers. The sign-up poster is in front of the office. We need everyone who can to come on the Friday before the show, to help set-up. Please keep the 3rd Friday in September open. There are only a couple of display cases left, so put your name on one if you would like to use it.

We will have a special meeting at the shop on Tuesday, August 11, at noon. We will be selecting a Nominating committee to come up with a list of officers for next year. We will also discuss anything show related that you would like to know. Here's the link to the video about our show!

<http://g1nbc.com/howell-mi/2015/07/08/the-rockhounds-dream-show-presented-by-the-livingston-gem-and-mineral-society/>



Workshop Hours

Monday: 10 a.m. to 1 p.m.
Tuesday: 9 a.m. to 9 p.m.
Wednesday: 10 a.m. to 9 p.m.
Friday: 10 a.m. to 2 p.m.

Bryant

LGMS BOARD MEETING 08~14~15

12:40 pm, 9 members present

President Bryant Hiiter presided. There was discussion of the annual "grand prize" for our show. Ed suggested an amethyst cathedral from the rock shop up north. It was decided that the club should purchase it (estimated cost between \$300.00 and \$350.00). Gayland made the motion and Margaret seconded.

Chuck and Ed discussed the tickets and the new wording on them. Name of the show is changed to Rockhounds' Dream Show, and the address was clarified.

Paul gave his update on advertising. The Community Life, Tri`County Times will have our ads. Our video will run on the website G1 NBC for two months. There will be a spot on Facebook. It may be necessary to order more flyers. All members should be encouraged to take them and distribute them. Other possible advertising places include WHMI, community event, Pure Michigan, TV/ABC-Flint, Patch.com (an online newspaper), Oakland Press, Livingston Press-Argus, community highlights. We hope to have broad coverage to attract more patrons to the show. Gayland brought up using Craigslist. It was also suggested that the admission desk ask "how did you hear about us?" to get an idea of what was most helpful.

John brought up the signage issue, and possibly using a sign from the senior center for a donation of \$35. There was discussion on where to place signs. All agreed it is a good idea to flood the area with signs to boost attendance. Getting help to set up the show was discussed with a sign being placed in the shop for members to sign up. John hopes to speak with the folks at Target to be able to put our signs up as early as two weeks prior. All the signs would say something about our new theme. Gayland

made a motion to cover the cost of signage, Margaret seconded. Passed unanimously.

Ed discussed having some t-shirts printed for members to wear during the show, for a cost.

Bryant asked for a special general meeting to be called at 12:00 on Tuesday, August 11, to discuss a nominating committee. This can be very short. It would also be helpful to keep people updated on the show.

Margaret brought up that the printer is not working at all and we really do need one. After discussing the cost (\$100.00 or less) Peggy made the motion to purchase a new one, seconded by Margaret. Passed. Chuck volunteered to look into it and make the purchase.

There was discussion over where to have the MidWest Federation meeting. There was some thought that decorations and/or a "Michigan" goodie bag might be appropriate. Hotel availability has been made known to the members of the Federation.

Ed brought up that oil is needed for our saws as we are running low. Ed made a motion to purchase oil, Paul seconded. Passed. Al will pick it up.

Motion was made to end meeting by Peggy and seconded by Paul. 1:55 pm.

Respectfully submitted by
Sheila York, Secretary LGMS

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.



DIRECTIONS TO THE LGMS POTLUCK GATHERING

Jill and Gayland Allen's home
16143 ½ Knob Hill Dr, Linden, MI 48851
810-735-4403

Directions: From the club, take M-59 east to US-23. Go north on US-23 for 12 miles to exit 79, Silver Lake Road. Turn left on W. Silver Lake Road. Go 3 miles entering Linden and continue on west through Linden for 2.7 miles. (Silver Lake Rd is labeled Broad St. in Linden – Watch your speed!) Turn left onto Knob Hill Drive as you come up a hill with road curving right. First Merit Bank is on the corner. Go ½ mile and 16143 ½ is on the left. Gayland will be guiding parking of cars. If you are coming from Howell, take M-59 to Argentine Rd, turn left on Argentine Rd and go 12 miles north to the blinking light in Argentine. Turn right on Silver Lake Rd and go 1 mile to Knob Hill Dr on the right at the First Merit Bank. Turn right on Knob Hill Dr and go ½ mile to 16143 ½ on the left. If using GPS leave off the “1/2” on the street number.

2015 Officers and Chairpersons

President: Bryant Hiiter, 248-889-3974
Vice President: Gayland Allen, 810-275-3444
Secretary: Sheila York, 810-695-0509
Treasurer: Peggy Petito, 248-887-8847
Second year Directors: Margaret Edmundson, 248-634-5046
Paul McEwen, 810-735-5832
Third year Directors: Ed Oller, 810-241-8801
John Petito, 248-887-8847
Hospitality: Venus Sage, 810-458-4290
Sunshine: Anna Pernicano 248-486-4048
Shop Chairpersons: Gayland Allen, 810-275-3444
Ed Oller, 810-241-8801
Newsletter and Membership:
Isla Mitchell, 248-685-7804
imvm.1@netzero.com
Historian: Chuck Amberger, 248-787-6586
Library: Bryant Hiiter, 248-889-3974
Webmaster: Emily Saling
General Membership Meetings are held monthly on the 3rd Tuesday at 6 p.m. (Except in January and February when board meetings are held in the shop at 1 p.m.)

UPCOMING EVENTS

August 15, 2015

Tulip City Gem and Mineral Club's Third Annual Tailgate Swap-n-Sell

Sam's Club Parking Lot, 2190 N. Park Drive, Holland, MI

Info: Rance Westover 616-754-7093

Saturday, August 22, 2015, 9 am – 5 pm

Huge Rock, Garage Sale and Yard Sale

29043 Alvin St., Garden City, MI

Info: Dennis or Lorraine 734-427-4536

August 21, 22, 23, 2015

Michiana Gem and Mineral Show and Sale

St Joseph County 4H Fairgrounds, Esther Singer Bldg, 5117 South Ironwood, Rd, South Bend Ind.

Info: Show chair 574-232-8823 or www.michianaGMS.org

September 12, 2015, 9 am – 1 pm

Kalamazoo Rock Club's Third Annual Tailgate Sale and Swap

St Michael Lutheran Church

7211 Oakland Dr, Portage, MI

Info: Kalamazoorockclub.org

OUR VERY OWN!

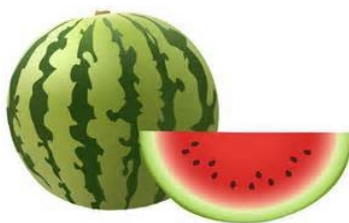
Livingston Gem and Mineral Society

Annual Show, September 19 and 20, 2015

Setup on Friday afternoon, September 18

Prepare your showcase!

Volunteer your time!



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Hairy Gems

Source: The Rockpile 2/2015, The Conglomerate 12/2014, The Glacial Drifter 10/2014

We think of rocks as hard, strong and boring. Then, all of a sudden, we are faced with something unearthly, almost unnatural. How could anything like this exist in the harsh, natural world? Unfortunately, many of these crystal oddities are extremely delicate. They are seldom displayed because of the great possibility of destroying their fragile beauty. So, I have taken the idea of introducing you to some wonderful hairy gems.

Natrolite is a common and popular zeolite mineral. Its radiating sprays of ice clear acicular crystals are a hall mark of this mineral and make a fine specimen.

Cyanotrichite is a wonderfully colored mineral. Its bright azure to sky-blue color is very impressive. Cyanotrichite typically forms acicular or hairlike crystals aggregated into radial clusters, tufts and sprays. The color is very impressive for such tiny crystals. It is an aptly named mineral since cyano and trich are derived from the Greek for blue and hair, respectively. It is formed from the oxidation of copper ore minerals along with other oxidation zone minerals.

Millerite is one of a few sulfide minerals that form fine acicular crystals that appear as hairlike fibers aggregated into sprays. It is a real bonus to quartz geode collectors from Indiana to Kansas to open up a geode and find a spray of brassy millerite crystals tucked inside. Millerite is also called “Capillary pyrite” since it has a brassy yellow color that is close to the color of pyrite. When found as brassy sprays inside of sparkling clear quartz geodes, millerite can make a wonderfully attractive and interesting mineral.

Tremolite is a relatively common mineral in some metamorphic rocks. One variety is composed of microscopically fibrous crystals called asbestos. Other minerals also form asbestos such as serpentine. Another variety of tremolite is called “mountain leather” or “mountain cork” and is an oddity in the mineral world. The tremolite fibers form a felted mass that has all the appearances and feel of a piece of cloth.

Rutile is an interesting, varied and important mineral. Rutile is a major ore of titanium, a metal used for high tech alloys because of its light weight, high strength and resistance to corrosion. Rutile is also unwittingly of major importance to the gemstone markets. It forms its own interesting and beautiful mineral specimens. Microscopic inclusions of rutile in quartz, tourmaline, ruby, sapphire and other gemstones, produces light effects such as cat's eye and asterisms (stars). A beautiful stone produced by large inclusions of golden rutile needles in clear quartz is called rutilated quartz.

Fragile, ethereal crystals; nature always surprises us with something new and delightful. Keep your eyes open, you never know what nature will show you next.

Cyanotrichite



Rutile



Millerite



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



Potluck Gathering

at Jill and Gayland Allen's home in Linden

6 pm on Tuesday, August 18, 2015

see directions on page 3 of this newsletter

