

# The Living Stones

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Livingston Gem and Mineral Society

December 2016

## President's Message

Merry Christmas and Happy New Year everyone!

By the time this message is read, my wife and I will be in Tampa, Florida staying with our two sons and their families. For the first time in my life I will be celebrating the Christmas holiday somewhere other than Michigan! We will be temporarily homeless for the first time in over forty years. The last few months have been an adventure for us and the next few months will probably be even more so! I still hope for a white Christmas for all those staying in Michigan for the holidays. We do plan on coming back in January, so we won't miss all the nice winter weather!

I hope the annual Christmas party goes well and everyone enjoys the holiday spirit with their fellow club members. I would like to take this opportunity to congratulate all of the new club officers and board members. I regret not being present to swear in the new officers. I do feel confident that they will serve our club well and keep the Livingston Gem and Mineral Society running smoothly in the coming year.

Above all, I wish everyone a very merry Christmas and a safe and happy New Year. May you all receive lots of rocks in your stockings!

Bob...

## Holiday Closing Schedule

The lapidary shop will close at the end of the day on Wednesday, **December 21** and will reopen on Wednesday, **January 4, 2017**.

(Silversmiths please check with LaVonne about the schedule for Thursday, December 22.)

## 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.



## LGMS Regular meeting minutes for November 15, 2016

Meeting called to order by Bryant Hiiter, filling in for President Bob Kalis at 6 p.m. with 27 members present. Treasurer's report was approved with the club being in good financial status.

Shop report: There is a new pump for oil. A sign will be placed near diamond belts to remind members to use them for only 30-45 seconds per stone. These belts cost \$87.00 each. Gayland Allen will make arrangements to have new covers made for the sanding wheels.

Old Business: A big thank-you goes out to Tony and Lynette West for donating rocks to the club. A thank-you goes out to Dave Grimes for his presentation at the banquet. A copy of the presentation is in the office. A thank-you goes out to Dave Worden for his critique of our September show in last month's newsletter. Other comments included using bigger signage for the Silent Auction. It was a plus that the 4H food service was more visible. The wood tables used for the show are very heavy. Flint club uses plastic tables that are very light. Gayland and Ed will look into using plastic tables next year.

New Business: Look for new changes and updates on our web site. We're pleased that Marc Lampcov has agreed to be in charge of web site. Holiday hours for shop: last full day will be Wed. Dec. 21, Thursday Dec. 22 shop may be open only for silversmithing (see LaVonne). Shop will reopen on Wednesday Jan. 4. Remember that if Hartland schools are closed due to weather our shop is also closed. Our Christmas party is December 20 at the Senior Center. It is a potluck so bring your own plate and silver. We will have a gift exchange with something rock related, of approximately \$10.00 value. Volunteers are needed to clean up after Christmas party to save us the \$50.00 cleanup fee. Dave Grimes will teach a faceting class in January. He will teach 3-4 people at a time and

use his own machines. There is a Rock Specimen sale in the shop to benefit supplies for the 4H kids. Also Bill Horton's Brazilian Basket bottoms are for sale with money going towards 4H groups. We will begin teaching 4H kids in January on Monday nights from 6-8 p.m. We need volunteers, especially ladies, to help. See Bryant if you can help. Our club has been asked to host the Midwest Federation's 2020 convention and show in Hartland. Our officers at the board meeting on 11-1-16 voted to present this proposal to the club. A motion was made by Nancy Johnson, seconded by Sherlynn Everly, to offer to host the convention in 2020. A discussion followed to consider the benefits of hosting the show. We would get national advertising, 7 states would be represented, many more dealers. Parking may be a problem but we could look into bussing people from a nearby parking lot. Vote was taken with 26 yes votes to 0 no votes. We will tell Midwest Federation we are available to host the convention in 2020. We had election of new officers for 2017. Sharon Parker and Jim Hanson were voted in as 1<sup>st</sup> year Directors, Ann Marie McFadden was voted in as Vice President, Sherlynn Everly was voted in as President. George Pernicano would like the club to look into purchasing a chop saw run by water to cut bigger stone. A motion was made for Ed Oller, shop chairman, and Gayland Allen former shop chairman to look into the matter and make a recommendation about the chop saw. The motion was voted on and passed. Meeting was adjourned.

Respectfully submitted,  
Lori Keefer, Secretary, LGMS



## 2016 Officers and Chairpersons

President: Bob Kalis, 734-320-3648  
 Vice President: Patty Fountain, 810-844-3970|  
 Secretary: Lori Keefer, 248-634-8657  
 Treasurer: Sheila York, 810-695-0509  
 First year Directors:

Sharon Krautheim, 810-701-3776  
 Dennis Gougherty, 810-986-9671

Second year Director:

Margaret Edmundson, 248-634-5046

Third year Director: Ed Oller, 810-241-8801

Hospitality: Venus Sage, 810-458-4290

Sunshine: Anna Pernicano, 248-486-4048

Shop Chairpersons: Ed Oller, 810-241-8801

Sharon Parker, 517-548-0675

Newsletter and Membership:

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

Historian: Chuck Amberger, 248-787-6586

Library: Bryant Hiiter, 248-210-6138

Webmaster:

General Membership Meetings are held monthly on the 3<sup>rd</sup> Tuesday at 6 p.m. (Except in January and February when board meetings are held in the shop.)



### LGMS T-Shirts

The first order of T-shirts has sold out but additional shirts will be ordered.

See Ed Oller to place your order:

M and L \$11.00

XL - \$12

XXL - \$13

### Interested in Faceting?

On Thursday, January 5, 2017 at 10 a.m., Dave Grimes will be leading an orientation group for anyone interested in learning to facet. Sign up at the shop and/or come to the orientation. Dave will be teaching in small groups to be scheduled on future Thursdays.



"Livingston Gem and Mineral Society"



.....to Tony and Lynette West for their doantion of rocks. We are grateful!

### 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.*

### **Carnelian**

Hexagonal – trigonal crystal system

Composition  $\text{SiO}_2$  (silicate)

Hardness 7

A blood - red to reddish - orange translucent variety of chalcedony, carnelian is also occasionally called cornelian. Its coloration is due to the presence of iron oxide, and it can be uniformly colored or banded. Strongly banded material is known as carnelian agate. Scotland, Brazil, India and Washington State are among the localities that produce finer quality carnelian. Freshly mined carnelian especially Indian material, is often placed in the sun to change brown tints to red. Carnelian was once thought to still the blood and calm the temper. Conversely, it was also said to give the owner courage in battle, and help timid speakers to be eloquent.



### **2017 Dues are payable now**

Tear off and mail to Sheila York, Treasurer, LGMS, 9525 E. Highland Rd, Howell, MI 48843

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#### **2017 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

## Eilat Stone

exerpted from WireSculpture.com by Layla Palmer, 9-20-13 and from www. Eilatstone.com

Eilat Stone is the national stone of Israel. In the 10<sup>th</sup> century BCE, the time of Solomon, some of the most extensive copper mines from this period existed in the kingdom of Edom which extended from the Dead Sea to the Gulf of Aquba (Gulf of Arabia). The Edomites were mostly nomadic people who lived in tents and also mined copper from the Timna mines which are located near the city of Eilat. The Edomites were known to have had many conflicts with the Israelites, and it is thought that King Solomon may have been able to either exert influence or form a trade agreement for the copper located within the mines. In addition to copper being mined at Timna, a beautiful stone made of malachite, azurite, chrysocolla and turquoise was found as a secondary copper mineral. The stone was named after the city closest to the mine, Eilat in an area known as “King Solomon's Mines” which was named by American archeologist Nelson Glueck. Eilat stone has also been found in tombs and archeological sites dating from this same period.

Eilat, or “King Solomon's Stone,” looks like an artist took blue, green and gray paint then swirled it together forming beautiful patterns set in stone. Its unique combination of the green malachite (copper carbonate) and the blue azurite (copper silicate) creates an unbelievably rich intriguing range of colors which makes it one of the world's most beautiful stones. Eilat stone is found in the Timna mining district and within one other mine along the Red Sea which has been played-out. Though similar stones have been found in Arizona and Africa, only the Eilat stone from Israel contains chrysocolla specific to the region and can be called “true” or pure Eilat stone.

Israel today encompasses much of the kingdom of Edom with the mines and the city of Eilat being at its Southern tip. King Solomon's Stone is also becoming more and more difficult to find due to the mine at Timna flooding and the designation as a national park and archeological site. Since the stone is really only found in this one area, the supplies are dwindling and prices are climbing.



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



*Christmas Party Potluck  
on Tuesday, December 20, 2016  
6 p.m. at the Senior Center  
Bring a dish to pass and a rock related gift!  
(approximately \$10.00 value)*

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.