

ROCK TRAILS



Newsletter of the StateLine Gem and Mineral Society

VOLUME 59
ISSUE VII
JULY 2019

2019 Officers and Directors

President: Sherman Kardatzke, 517 673-5487
Vice President: Glenda Gafner, 517 403-6310
Secretary: Richard Brzezicki, 269 267-7666
Treasurer: Doris Brzezicki, 269 267-1123
Past President: Edmund Jarzembki, 419 237-2000
First Year Director: Bill Schultz, (419) 335-6791
Second Year Director: Curt Miller, (419) 923-2090
Third Year Director: Jan Hauter, 517 286-6971
Show Chairman: Sherman Kardatzke, 517 673-5487
Co-Show Chair: Glenda Gafner, (517) 451-2079
Publicity: Edmund Jarzembki, 419 237-2000
Sunshine & Membership: Jan Hauter, Judy Snyder, Shirley Mcgovern, and Nance Clarke
Library: Curt and Linda Miller.
Education & Lapidary:
Sherman Kardatzke, 517 673-5487
Richard Brzezicki, 269 267-7666
Newsletter Editor: Sandy Gerhart, 734 347-4796
s_gerhart@yahoo.com
Website: <http://statelinegms.com/index.html>



In This Issue:

- 1 **Officers and Directors**
- 2 - 3 **Secretary's Scoop**
- 4 **Some Pictures From the Show**
- 5 - 6 **Mysterious Marbles Found In Utah**
- 7 **Bench Tips**
- 8 **Fourth of July Bark**
- 9 **Upcoming Events**

Meetings are held the first Sunday of each month
at 2:00 PM
at 201 W. Main St., Morenci, MI 49256

Secretary's Scoop



The June 2, 2019 meeting of the State Line Gem and Mineral Society was called to order by president Sherm at 6:30PM. This meeting was held after our annual jewelry, rock and mineral show in the Junior Fair Building at the Fulton County Fairgrounds in Wauseon Ohio. Eddie gave the invocation followed by the Pledge of Allegiance.

Secretary's Report - Doris made a motion to accept the secretary's report as printed in the newsletter, seconded by Phyllis and passed with all in favor.

Treasure's Report – Doris reported that she paid clubhouse rent and utilities. She also wrote checks for the show advertising posters and postcards as well as the spaces for Art-a-licious and a check to Linda Miller for material she purchased for the club's grab bags. She also reported payments for pies ordered for the show's kitchen and start up cash necessary for the different club booths needing to make change and for raffle prizes. A cursory review indicated most of the assignments including people attending this year's show were up from last year. Linda Miller made a motion to accept the treasurer's report, seconded by Carl and passed with all in favor.

Doris recognized all of the volunteers who worked so hard to make the show a success and noted that other clubs give food vouchers to their volunteers who work the shows with no opportunity to leave to purchase food elsewhere. Further discussion revealed that the volunteers who worked Wednesday clean-up and set-up got really hungry and there was nothing to eat yet. Previous set-ups had members who donated pizzas after the work was done but they were not able to be there this Wednesday. Doris made a motion to allot vouchers of \$5.00 next year for each volunteer who works at least 4 hours and \$8.00 for those who work 8 or more hours on Saturday. She also added that the club would purchase pizzas for the Wednesday volunteers. Sherm amended the motion to only allow \$5.00 vouchers for 4 and or 8 hour shifts. Carl seconded the amended motion and it passed with all but one dissenting vote from Bill Sipes who stated he volunteers because he wants to and does not want to accept any vouchers. The motion passed by a majority.

Glenda stated that we had 7 applicants for our scholarship and the lowest applicant had a GPA of 3.6 and all had high SAT scores. Glenda, Sherm and Cathy Boyers reviewed all the applications and decided on one recipient. Glenda said she planned to award the scholarship at our next club meeting on July 7th.

Judy noted that she spoke with some new members who had not received their newsletters but it was determined that the newsletters were going into the junk email box instead of the regular email. These members will need to make corrections on their e-mail programs and mark the newsletter as not junk mail.

Emma took photos at the show to post on our facebook page. Thank you Emma.

Secretary's Scoop

Cont. from page 2

Phyllis stated that she received over 50 post cards and a lot of folks who presented pictures of the post cards on their cell phones. She thought the cards were eye-catching. Doris agreed that the cards were effective. Glenda stated that she will not be show chair next year and Sherm would need help. There was discussion about whether we should offer free doughnuts to dealers since most other shows in the area do. Doris noted that she had no problem with offering dealers doughnuts but we should also have some available for sale to the general public as we have done in the past. She said that she pays any bills the club has authorized but anything else needs club approval. Glenda inquired about getting internet access for the building so the dealers could use their charge readers. Sherm said he would check into that possibility.

Old Business – Bill Schultz reported that we would need more Indiana geodes for the coming year. He also cautioned members not to overload their vehicles with geodes, as he caused some damage to his wife's car by overloading it. There was discussion about possible reimbursement. Linda W. thought the club members who bring back lots of geodes should be compensated for gas money. Other members mentioned that they went to Bedford for the show anyway and just brought geodes back because they were in the area. Bill Schultz recommended that the discussion be tabled for the next meeting.

Doris made a motion to adjourn, seconded by Phyllis and passed with all in favor. The meeting was adjourned.

Please welcome our two newest members and add them to your member list:

| Name | Address | Phone | email |
|-----------------|--------------------------------------|----------------|--|
| Dori Joy Oliwek | 108 Monticello St. Novi, MI 48377 | (248) 882-3151 | Dori_Joy@juno.com |
| Jim Heller | 16673 County Rd. O Pioneer, OH 43554 | (419) 819-7007 | ohshooter@williams-net.com |



Some Pictures From the Show

Due to space issues, these are only a few of the photos that Glenda Gafner sent to me. She has posted more photos on the Facebook page;



These Mysterious Marbles Found In Utah Are Surrounded By Ancient Myth

The landscape of Southern Utah offers so many unique natural gems – from the towering cliffs of Zion National Park to the stunning Colorado River that spent millions of years carving canyons into the terrain. While you can easily see the effects of erosion when gazing at the hoodoos and spires of Bryce Canyon National Park, some geologic wonders will fit right in the palm of your hand. Have you ever run across moqui marbles?

Take a stroll through Utah's Zion National Park or Grand Staircase-Escalante National Monument, and you might see a strange geological phenomenon. In some places where Navajo sandstone covers the landscape, you'll find large collections of strange rock-like formations. They're called moqui marbles, and they're not actually rocks - they're small concretions.



A concretion is defined by Dictionary.com as, “a rounded mass of mineral matter occurring in sandstone, clay, etc., often in concentric layers about a nucleus.”

If you break these little marbles open, you'll see a rust-colored interior. These little oddities were formed millions of years ago, and they're made of Navajo sandstone, covered in a shell of iron oxide.

It's not entirely clear to geologists just how moqui marbles were formed. They're found all over the world, but in the U.S., you'll see them only in Utah and parts of Arizona. One theory is that some of the younger concretions were formed by the Colorado River as it started eroding through the Navajo sandstone of the area.

It's thought that perhaps the little balls slowly grew, one grain of sand at a time, when iron from the water coated the grains and created spheres that added layer upon layer, then connected with other little spheres to form a bigger ball. These concretions are similar to those found on Mars, and one theory is that tiny microbes helped the process of the formation from sandstone to marbles along. If that theory turns out to be true, it could support the idea that there was once life (however microscopic) on Mars.

Not all moqui marbles are round. They can be egg-shaped, flat, pipe-shaped, and even look like little miniature space saucers.

While the geology is fascinating, there's also a some ancient myth surrounding the moqui marbles. Native Americans believed that the marbles held special properties, and that if you held them while meditating, they would bring calm and peace to your soul.

The Hopi word “moqui” translates to “dear departed ones.” According to Hopi legend, the spirits of loved ones came in the night and played with the moqui marbles, scattering them across the landscape and leaving them to be found in the morning. They're meant to let the living know that the departed are happy and at peace in the afterlife.

Moqui Marbles

continued from page 5

If you find moqui marbles during your exploration of southern Utah, remember that removing any objects from national parks and monuments is illegal. Unless you're on private land (and have permission), leave these right where you find them.



Bench Tips

by Brad Smith

EMERY BOARDS

The sanding boards for doing your nails are one of my favorite finishing tools. I use the ones with a thin foam core. They have enough resistance to sand just the high points off a flat surface and yet give a little when you're trying to smooth off a curved surface.

Plus they're inexpensive and come in a variety of grits. Some grits are so fine they give an almost finished surface. Pick up a few at a beauty supply company or at your local drug store.



DENTAL FLOSS

When testing the fit of a stone in the bezel, it's all too easy to get it stuck. If tapping the finding or opening up the bezel a bit with a knife blade doesn't dislodge it, you might have to drill a small hole in the bottom and push it out with a needle. To avoid all this frustration, use the old dental floss trick. Lay a piece of floss over the top of the bezel before you seat the stone. Then just pull on the string to remove the stone.

Work Smarter & Be More Productive With Brad's "How To" Jewelry Books
[Amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith)



4th Of July Bark

Ingredients

1 pound white melting chocolate white chocolate chips or almond bark.
1/2 pound red candy melts
1/2 pound blue candy melts
Various red white and blue candies and sprinkles

Instructions

Line a 9x13 pan with foil

In a microwave safe bowl melt the white chocolate in 30 second intervals, until melted, stirring as you go.

Carefully spread the white chocolate down the bottom of your lined pan.

Melt the red candy melts in a microwave safe bowl in 30 second intervals, until melted, stirring as you go.

Melt the blue candy melts in a microwave safe bowl in 30 second intervals, until melted, stirring as you go.

Dollop the red and blue chocolate all over the white chocolate.

Using a butter knife gently swirl the red and blue chocolate into the white creating a pretty marbled pattern.

Top the chocolate with your candies and sprinkles.

Let set until fully hardened. You can refrigerate to speed up the process.

Remove bark from pan by lifting edges of the foil.

Break into pieces and serve.



Upcoming Events



Sunday, July 7, 2019
State Line Gem & Mineral Society
monthly meeting
201 W. Main St.,
Morenci, MI 49256

August 5-11
Keeweenaw Peninsula, MI.
Copper Country Rock & Mineral Club's
Annual Keeweenaw Week
August 5-9 features 4 collecting field trips, metal
detector
training, lectures, banquet and live auction
followed August 9-11
by the club's annual show and silent auction
in Houghton, MI.

August 9-11
Grand Rapids, MI.
Midwest Faceters Guild Faceting Seminar.
Seminars Sat. 8:30-5:30 & Sun. 8:30-5.
Tallmadge Township Hall
O-1451 Leonard St

August 16-18
South Bend, IN.
Michiana Gem & Mineral Society show
Fri. 12-7, Sat. 10-6, Sun. 11-5
County Fairgrounds
5112 S. Ironwood

Aug 29 - Sept 5
Fulton County Fair
Wauseon, OH
Set up Aug 28

Sept 20 - 21
Art-A-Licious
Downtown Adrian, MI

Sept 27, 28, 29
Clinton Fall Festival
Clinton, MI
Set up Sept 26

Oct 12 - 14
Appleumpkin Festival
Tecumseh, MI
Set up Oct 11

Ongoing -
Richard Brzezicki is at the clubhouse on Thurs-
days 1:00 pm - 6:00 pm. It is best to check with
him first before you go. Cell (269) 267-7666

Wire Wrapping Sessions at Hobby Lobby in
Adrian on Fridays 11:00 am - 3:00 pm.
Linda Miller (419) 923-2090 and
Judy Snyder (517) 902-3990
(check to verify there will be someone there)



Rock Trails

Sandy Gerhart, Editor
704 W. US Hwy 223, #205
Adrian, MI 49221

Meetings are held the
first Sunday of each month
at 2:00 PM
at 201 W. Main St.,
Morenci, MI 49256

