

ROCK TRAILS



Newsletter of the StateLine Gem and Mineral Society

VOLUME 57
ISSUE VII
JULY 2017

2017 Officers and Directors

President: Sherman Kardatzke, 517 673-5487
Vice President: Glenda Gafner, 517 403-6310
Secretary: Heidi Storehalder, 419 261-6451
Treasurer: Doris Brzezicki, 269 267-1123
Past President: Edmund Jarzembki, 419 237-2000
First Year Director: Jan Hauter, 517 286-6971
Second Year Director: Carl Mulholland, 517 539-2037
Third Year Director: Frank Kramic, 517 458-7191
Show Chairman: Sherman Kardatzke, 517 673-5487
Co-Show Chair: Glenda Gafner, (517) 451-2079
Publicity: Edmund Jarzembki, 419 237-2000
Sunshine:
Education & Lapidary:
Frank Karmic 517 458-7191
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 - 5 **15 Truly Odd Geographical Facts**
- 6 **Bench Tips**
- 7 **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

President Sherman Kardatzki called the meeting to order and Richard B. gave the invocation. The Pledge of Allegiance followed.

Secretary's Report:

Doris B. gave a motion to accept the Secretary's report as it was printed in the newsletter and was seconded by Phyllis. It passed with all in favor.

Treasurer's Report:

Doris gave her report including monthly expenses like Consumer's, which was high this month because someone left the heat on when the clubhouse was not in use. She also included the expenses for the show; money for the raffle, start up cash, paying Sherm for the tables, paying Glenda for the kitchen supplies and fliers, and money for the scholarship. Doris had also made deposits from both member sales and membership dues. Richard B. made a motion to accept the Treasurer's report. Judy seconded the motion and it passed with all in favor.



Our Annual Show:

Doris reported that the admission, raffle, and geode sales were up this year and though the number of volunteers were down, everyone who did volunteer worked very hard to make up for the lack of numbers. Sherm thanked everyone who volunteered and worked so hard to make our show possible.

Our show this year was more well rounded and looked more full, though comments were made that the food court was a bit small. We had great shows of support from the Toledo and Jackson clubs and all of our vendors want to come back next year, including those that couldn't make it this year. A couple of those vendors have already written checks to reserve booths for next year.

One of our vendors, Ron Wooley, was not able to attend this year due to an illness, but instead of accepting a refund for the booth, he wished to donate the money to the club. After some discussion, we decided to honor his wishes.

It was brought up that we should move the annual supper for the vendors to an earlier time next year since everyone seems to get hungry before the food is served. Phyllis made a motion to move it to 5:30 pm and it was seconded by Glenda. It passed with all in favor.

Upcoming Trips:

There was some last minute discussion regarding the trip to the Keweenaw Peninsula, scheduled for June 9-13th, including when people would be arriving. Glenda informed attending members that she would arrive before everyone else so that she can unlock the rental house for everyone. Other things were also discussed, including what we would do for meals, if people would bring snacks and things, as well as places to visit.

The annual trip to Bedford, IN on June 23-25th was also discussed. Glenda and a few others would be traveling to Kentucky a few days beforehand to collect Kentucky agates and then meet other

Secretary's Scoop

members in Bedford to collect geodes. Attending members were also invited to accompany the Brown County Rock and Mineral Club on an outing on Saturday June 24th.

Glenda has some leads from some of our vendors about 5 different quarries within a day's trip that she is going to look into for future trips.

Upcoming shows and fundraisers:

Art-A-Licious will be in Adrian, MI on September 15th and 16th. Doris arranged to pay the fee for the booths and informed everyone that we will have permission to set up our booth on Thursday instead of Friday morning due to our heavy loads.

Sherm suggested that our next meeting be scheduled for July 9 due to the fourth of July weekend and this was met without opposition.

Glenda made a motion to adjourn and was seconded by Charlie. It passed with all in favor.



Respectfully submitted,
~Heidi Storehalder

Several new members joined the club during our show. Please add this information to your membership list.

| | | | |
|-----------------------------|-------------------------|-----------------------------|----------------|
| Natalie Burton & John DeWys | 35791 Bayfield River Rd | Bayfield, ONT N0M160 Canada | |
| | (248) 310-2544 | nataliekburton@gmail.com | |
| Terry & Brenda Burton | 112 Steiff | Adrian MI 49221 | |
| Bertha (Birdie) Cline | 1440 13th St | Wyandotte MI 48192 | (848) 940-5961 |
| Mark Giannetto | 619 Wayne St | Napoleon OH 43545 | (419) 966-4979 |
| | mdg7@roadrunner.com | | |
| Maria Harden | POBox 253 | Ridgeville Corners OH 43553 | (419) 956-7658 |
| Joy Ollier | 12174 Medina Rd | Hudson MI 49247 | (517) 581-8180 |
| | jaollier@gmail.com | | |
| Cinda Rood | 911 Doris Dr | Wauseon OH 43567 | (419) 822-7730 |
| | cindasue@gmail.com | | |

From the Editor

Interesting Site for Resources and Free Courses

I was recently contacted by a gentleman who has set up a webpage which lists some sites for free gemology courses and other resources pertaining to gems and gemology. He asked me to pass the information along to you. The site is

<http://beyond4cs.com/free-gemology-courses-and-resources/>

Check it out!

15 Truly Odd Geographical Facts

<http://listverse.com/2008/09/01/15-truly-odd-geographical-facts/>

Our planet is filled with many wonderful geographical and geological anomalies and mysteries. So many so, that we may never truly unlock all of the secrets that nature has tucked away. This is a list of 15 of the more unusual or outright bizarre facts relating to geography, geology, and the earth.

1. The second Longest geographical name that is accepted in the world is “Taumatawhakatangihangakoauauotamateaturipukakapikimaungahoronukupokaiwhenua kitanatahu” (85 letters) which is a hill in New Zealand – it is a maori phrase which translates to “place where Tamatea, the man with the big knees, who slid, climbed and swallowed mountains, known as land-eater, played his flute to his loved one”. It was the longest until recently (though the Guinness Book of Records still regards it as the longest); it has most likely now been supplanted by Krung thep maha nakorn amorn ratana kosin-mahintar ayutthay amaha dilok phop noppa ratrajathani burirom udom rajaniwesmahasat harn amorn phimarn avatarn sathit sakkattiya visanukamprasit in Thailand (163 letters).



2. Lesotho, Vatican City, and San Marino are the only countries completely surrounded by one other country. Lesotho is completely surrounded by South Africa, and Vatican City, and San Marino are both completely surrounded by Italy.

3. Llanfairpwllgwyngyllgogerychwyrndrobwyll palaeontologists is the longest village name in the world (and third longest geographical name). it is located in Wales, and yes there are four l's in a row!

4. The Shortest place name is 'Å'. It is located in both Sweden and Norway. In Scandinavian languages, 'Å' means “river”. The image above is one of the newly replaced road signs for the area – they are frequently stolen for their novelty value.

5. The Vatican city is the smallest country in the world at only .2 square miles. That is smaller than the average city! The largest country is (surprise surprise) Russia.

6. The largest city in the world – based on surface area, is Hulunbuir, Inner Mongolia which is 263,953 km squared.

7. The hottest temperature recorded on earth is El Azizia Libya at 136 F, the coldest was -134 degrees Fahrenheit in Vostok Antarctica. The hottest average temp is in western Australia, it is 96 degrees year round on average.

15 Truly Odd Geographical Facts

continued from page 4



8. San Marino claims to be the world's oldest constitutional republic – it was founded in 301 by a Christian stonemason fleeing persecution under Emperor Diocletian. Its constitution of 1600 is the oldest written constitution in the world. San Marino is pictured to the left.

9. Though Mt. Everest is the highest altitude in terms of sea level on the planet, Mount Chimborazo is the closest to the moon. The Marianas Trench is the lowest place on earth.

10. Alaska is the most Northern, Eastern, AND Western state in all of America. It is the only state that enters the “Eastern Hemisphere” making it also the most eastern lying and western lying state.

11. The Mid-Atlantic Ridge is the longest mountain chain on earth (at 40 thousand kilometers). It is located along the middle of the Atlantic. Iceland is the only part of this chain that is above water. The Andes form the longest exposed mountain range at 7,000 kilometers.

12. Mount Circeo on Cape Circaeum on the western coast of Italy was once called Aeaea (5 vowels in a row with no consonants). It was believed in mythology to be the home of the witch Circe. Two other vowel-only geographic locations are the town of Aiea in Hawaii, and Eiao – one of the Marquise Islands.

13. Glaciers store between 70% and 80% of all the freshwater on the planet. 99% of those glaciers are in the Arctic and Antarctic.

14. In 1811 and 1812, three earthquakes measuring around 8 on the richter scale, caused the Mississippi River to flow backwards. These earthquakes also created Reelfoot Lake in Tennessee.

15. The deepest hole ever drilled by man is the Kola Superdeep Borehole, in Russia. It reached a depth of 12,261 meters (about 40,226 feet or 7.62 miles). It was drilled for scientific research and gave up some unexpected discoveries, one of which was a huge deposit of hydrogen – so massive that the mud coming from the hole was “boiling” with it. The borehole is pictured here.



Bench Tips

by Brad Smith

FANCY RIVET HEADS

For a nice looking rivet head, use brass escutcheon pins. You'll have perfectly rounded heads that are all the same size and shape. The pins are a little hard to find, so try the best hardware stores first. Be sure to get solid brass pins, not brass plated steel. If unsure, test them with a magnet.



The pins are readily available online. Lee Valley Tools has them in 14 - 18 gauge and lengths from 1/4 inch to 1 inch. Go to <http://www.LeeValley.com> and do an item search on "brass escutcheon pin"

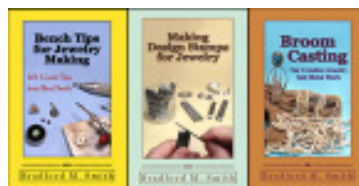
For best results, select a drill that gives you a hole with a close fit to the rivet. Trim the rivet to a leave a little less than one diameter sticking out the back side. Place the head on a scrap of hard plastic on the anvil so as to not flatten the head. I prefer a ball peen hammer (with a small 3/8 inch ball) for setting the rivet.

EASIER PRONG SETTING

When setting stones in a prong mount, the tool is less likely to slip off the prong if you grind a groove into its face or rough up the face a bit with sandpaper. Some folks prefer a prong pusher for doing this, and others like a set of pliers.

The easiest way to create a slot on the pusher is with a file, and the easiest way to create a slot on one jaw of your pliers is with a cutoff wheel. Then rough polish the slot with a medium grit, knife-edge silicone wheel.

More Bench Tips by Brad Smith are at [facebook.com/BenchTips/](https://www.facebook.com/BenchTips/) or see the book "Bench Tips for Jewelry Making" on Amazon



Upcoming Events

Sunday, July 9, 2017

State Line Gem & Mineral Society

monthly meeting

2:00 p.m.

201 W. Main St.

Morenci, MI 49256

August 5, 2017

Ishpeming Rock and Mineral Club

42nd Annual Upper Peninsula

Gem and Mineral Show

Ishpeming Elks Club

597 Lakeshore Dr.

Ishpeming MI

August 11-13, 2017

Copper Country Rock & Mineral Club Annual
Show

Houghton Elementary School

302 W Jacker Ave

Houghton, MI

August 12, 2017

Flint Rock & Gem Club Rock Swap

11350 N. Saginaw Rd.

Clio, MI

August 11-13, 2017

Midwest Faceters Guild Seminar

Tallmade Township Hall

1451 Leonard NW

Grand Rapids, MI

August 12, 2017

Tulip City Rock & Gem Club Annual Tailgate

Swap-n-Sell

Sam's Club Parking Lot

2190 N. Park Dr.

Holland, MI

August 18-20, 2017

Michiana Gem & Mineral Society Show

Esther Singer Bldg.

4-H Fairgrounds

5117 S. Ironwood Rd.

Fri noon- 7, Sat 10-6, Sun. 11-5

South Bend, IN





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

