

ROCK TRAILS



Newsletter of the StateLine Gem and Mineral Society

VOLUME 54
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OCTOBER 2014

2014 Officers and Directors

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Vice President: Henry Porter, 313 694-7642
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Past President: Richard Brzezicki, 517 263-1669
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Third Year Director: Frank Kramic, 517 458-7191
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Meetings are held the first Sunday of each month
at 2:00 PM

at 201 W. Main St., Morenci, MI 49256



Treasurer's Statement

It has been an extremely busy month for many of our members and there is still more fun to come. Many thanks for those of you who were able to help out at the Fulton County Fair, the Toledo Show, and the Heritage Festival. This coming weekend is Art-A-Licious followed by the Clinton Fall Festival and then Hidden Lake Gardens. WOW!



These events are fun and enable us to promote interest in our hobby and our show in the spring. If you are able to volunteer for any of these events even for a few hours, it will make a difference to the members who are there.

Please welcome the following family to the State Line Gem & Mineral Society.
Keila and Brian Kilgore 12000 Roundtree Rd, Hanover, MI 49241 (517) 315-1367
keilakilgore@gmail.com

Doris Brzezicki, Treasurer



Secretary's Scoop



The special Tuesday, September 9, 2014, meeting of the State Line Gem and Mineral Society was called to order by president Ed at 6:45 pm . Richard gave the invocation followed by the Pledge of Allegiance. The normal first Sunday meeting was rescheduled to Tuesday due to having most of the officers working the Toledo show.

Doris made a motion to accept the secretary's report as printed in the *Rock Trails*. The motion was seconded by Sherm and passed with all in favor.

Treasurer's report: Doris stated that the club did well at the Fulton County Fair and at the Toledo show. The rent for the clubhouse and Consumers Energy has been paid. Doris also reported that she ordered and paid \$12.35 shipping charges for eight pounds of fossil material for the club's children's activities. Sherm made a motion to accept the treasurer's report as given, seconded by Phyllis. The motion passed with all in favor.

Old business: The Heritage Festival Committee has invited our State Line club to have a free booth at the Heritage Festival on September 13th and 14th from 10:00 am to 5:00 pm. Bill and Phyllis volunteered to operate the booth in front of the Carlton Lodge on Saturday and Richard and Judy volunteered for Sunday. Charlie planned to help for both days.

The club also paid for two booth spaces at the Adrian Art-A-Licious festival on September 19th and 20th from 12:00 pm to 8:00 pm. Bill and Phyllis with Judy and Richard along with Charlie and Glenda, planned to represent State Line booths both days. Ed planned to help with tear down on Saturday. Doris also reminded us of the Clinton Fall Festival September 26th, 27th and 28th. Set up will be Thursday September 25th. Bill and Phyllis will be in Clinton for some time on Friday, Saturday and Sunday. Sherm plans to be there Saturday and Sunday. Richard and Doris will be demonstrating lost arts all week end.

The Hidden Lake Gardens Fall Festival will be on October 4th. Bill and Phyllis plan to represent the club and Charlie will help providing his health allows it.

New business: Doris explained that Richard was able to procure a practically new pipe cutter from a retired plumber while we were at the Fulton County Fair. Since our current cutter needed to be repaired twice while we were cracking geodes, it seemed like a good idea to have a back up machine so that we can continue selling geodes which is our primary money making activity. Richard also built a new saw horse for the newly acquired cracker and mounted the cracker on it. Doris made a motion to have the club membership authorize spending the \$250.00 for the cracker. The motion was seconded by Sherm and passed with all in favor.

Sherm noted that the grinding wheels on the club's Genie grinder were all in need of replacement. Doris made a motion to authorize Sherm to purchase the six grinding wheels at the best price he

Secretary's Scoop, continued

could find. After some discussion, Richard amended Doris' motion to have Sherm's authorization be limited to \$600.00. Phyllis seconded the amended motion and it passed with all in favor.

Doris noted that Marilyn has graciously loaned the club money at no interest in our efforts to procure the Morenci train depot. Phyllis made a motion to repay a \$1000.00 portion of that loan to Marilyn as soon as possible. Some discussion ensued and the general consensus was that the club should try to repay the full loan as soon as our finances would allow it. Doris seconded the motion and it passed with all in favor.

Doris reminded us that the club usually has a silent auction at the November meeting and a cookie exchange at the December meeting. Please remember to bring you donations (and money) to the November meeting and extra cookies to exchange at the December meeting.

Charlie stated he wanted to store some of his rocks in the clubhouse basement to be used at the club's discretion.

Doris shared a letter of resignation from our club vice-president, Henry Porter. He stated that he no longer wanted to be an officer in the club. According to club by-laws, in the event the vice-president is no longer available to fill the position, the board of directors is to appoint a replacement until the next official elections will be held. President Ed noted that we had a majority of Directors present at the meeting, so he called for a Board meeting to appoint a new vice-president. After some discussion and suggestions, the Board decided to appoint Sherm to fill out the current term for vice-president. Sherm accepted the appointment and Ed made it official. He then adjourned the Board meeting.

Richard made a motion to adjourn the regular club meeting, seconded by Sherm and the motion passed. The meeting was adjourned with all in favor.

Respectfully submitted by Richard Brzezicki



Bryce Canyon, Utah

There's no place like Bryce Canyon National Park, Utah. Bryce Canyon, located in south-central Utah, is a series of giant amphitheaters with millions of pink rock pinnacles called "hoodoos." Bryce Canyon National Park is named for just one of many canyons which form a series of horseshoe-shaped amphitheaters on the edge of the Paunsaugunt Plateau in southern Utah. Bryce Canyon has a mystical feeling as the hoodoos seem to glow at sunrise and sunset. These limestone formations have been shaped and colored through erosion and oxidation of iron in the sediment.



Surrounded by the beauty of the southern Utah desert the Table Cliffs and Paunsaugunt Plateaus that are found in Bryce Canyon National Park are enchanting views that will forever be remembered. Rock layers on the Table Cliffs now tower 2,000 feet above the same layers on the Paunsaugunt. Ancient rivers carved the tops and exposed edges of these blocks, removing some layers and sculpting intricate formations in others. The Paria Valley was created and later widened between the plateaus.

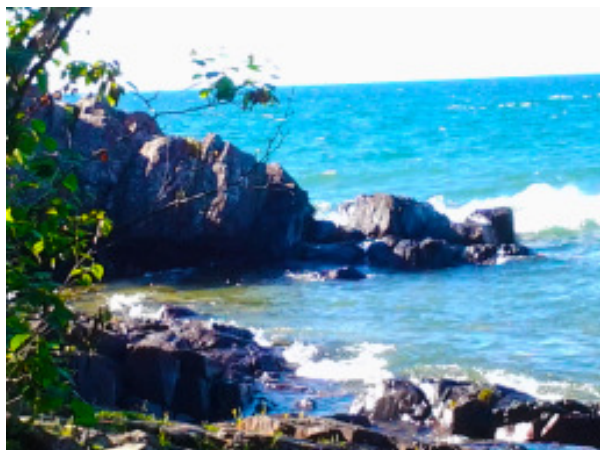
At 8,000 to 9,100 feet, summer days are pleasant (80's) and nights are cool (40's). Afternoon thundershowers are common during mid- to late summer. Spring and Fall weather is highly variable with days of snow or days with strong sun and 70 degrees. Because of the variations in weather and temperature it is advisable to dress in layers when exploring Bryce Canyon National Park. A sweater and jacket over a t-shirt and long pants over shorts will keep you comfortable from sun-up to sun-down. Cold winter days are offset by high altitude sun and dry climate. Winter nights are sub-freezing. You won't encounter much snow but if you do, March is the snowiest month. The average snowfall is 95 inches, perfect for cross country skiing and snowshoeing opportunities.

<https://www.nationalparkreservations.com/article/brycecanyon-national-park/#.VCeZ9xawT-Q>



37 Great Lakes Facts

1. While Lake Superior is indeed a lake, it behaves more like an inland sea.
2. All of the four other Great Lakes, plus three more the size of Lake Erie, would fit inside of Lake Superior.
3. Isle Royale is a massive island surrounded by Lake Superior. Within this island are several smaller lakes. Yes, that's a lake on a lake.
4. Despite its massive size, Lake Superior is an extremely young formation by Earth's standards (only 10,000 years old).



5. There is enough water in Lake Superior to submerge all of North and South America in 1 foot of water.
6. Lake Superior contains 3 quadrillion gallons of water (3,000,000,000,000,000). All five of the Great Lakes combined contain 6 quadrillion gallons.
7. Contained within Lake Superior is a whopping 10% of the world's fresh surface water.
8. It's estimated there are about 100 million lake trout in Lake Superior. That's nearly one-fifth of the human population of North America!

9. There are small outlets through which water leaves Lake Superior. It takes two centuries for all the water in the lake to replace itself.
10. Lake Erie is the fourth-largest Great Lake in surface area, and the smallest in depth. It's the 11th largest lake on the planet.
11. There is alleged to be a 30- to 40-foot-long "monster" in Lake Erie named Bessie. The earliest recorded sighting goes back as early as 1793.
12. Water in Lake Erie replaces itself in only 2.6 years, which is notable considering the water in Lake Superior takes two centuries.
13. The original publication of Dr. Seuss's The Lorax contained the line, "I hear things are just as bad up in Lake Erie." Fourteen years later, the Ohio Sea Grant Program wrote to Seuss to make the case that conditions had improved. He removed the line.
14. Not only is lake Erie the smallest Great Lake when it comes to volume, but it's surrounded by the most industry. Seventeen metropolitan areas, each with populations of more than 50,000, border the Lake Erie basin.
15. During the War of 1812, the U.S. beat the British in a naval battle called the Battle of Lake Erie, forcing them to abandon Detroit.

37 Great Lakes Facts, continued

16. The shoreline of all the Great Lakes combined equals nearly 44% of the circumference of the planet.
17. If not for the the Straits of Mackinac, Lake Michigan and Lake Huron might be considered one lake. Hydrologically speaking, they have the same mean water level and are considered one lake.
18. The *Keystone State* was one of the largest and most luxurious wooden steamships running during the Civil War. In 1861, it disappeared. In 2013, it was found 30 miles northeast of Harrisville under 175 feet of water.
19. Goderich Mine is the largest salt mine in the world. Part of it runs underneath Lake Huron, more than 500 meters underground.
20. Below Lake Huron, there are 9,000-year-old animal-herding structures used by prehistoric people from when the water levels were significantly lower.
21. There are massive sinkholes in Lake Huron that have high amounts of sulfur and low amounts of oxygen, almost replicating the conditions of Earth's ancient oceans 3 million years ago. Unique ecosystems are contained within them.
22. Lake Huron is the second largest among the Great Lakes, and the fifth largest in the world.
23. In size, Lake Michigan ranks third among the Great Lakes, and sixth among all freshwater lakes in the world.
24. Lake Michigan is the only Great Lake that is entirely within the borders of the United States.
25. The largest fresh water sand dunes in the world line the shores of Lake Michigan.
26. Because water enters and exits Lake Michigan through the same path, it takes 77 years longer for the water to replace itself than in Huron, despite their similarity in size and depth. (Lake Michigan: 99 years, Lake Huron: 22 years)
27. When the temperature of Lake Michigan is below freezing, this happens.

Ice boulders:



28. Within Lake Michigan there is a “triangle” with a similar reputation to the Bermuda Triangle, where a large amount of “strange disappearances” have occurred. There have also been alleged UFO sightings.

37 Great Lakes Facts, continued

29. Singapore, Mich., is a ghost town on the shores of Lake Michigan that was buried under sand in 1871. Because of severe weather conditions and a lack of resources due to the need to rebuild after the great Chicago fire, the town was lost completely.

30. In the mid-19th century, Lake Michigan had a pirate problem. Their booty: timber. In fact, the demise of Singapore is due in large part to the rapidly deforested area surrounding the town.

31. Jim Dreyer swam across Lake Michigan in 1998 (65 miles), and then in 2003, he swam the length of Lake Michigan (422 miles).

32. Lake Michigan was the location of the first recorded "Big Great Lakes disaster," in which a steamer carrying 600 people collided with a schooner delivering timber to Chicago. Four hundred and fifty people died.

33. Lake Ontario is the smallest of the Great Lakes in surface area, and second smallest in depth. It's the 14th largest lake on the planet.

34. The province Ontario was named after the lake, and not vice versa.

35. In 1804, a Canadian warship, His Majesty's Ship Speedy, sank in Lake Ontario. In 1990, wreck hunter Ed Burt managed to find it. Only, he isn't allowed to recover any artifacts until a government-approved site to exhibit them is found. He's still waiting.

36. Babe Ruth hit his first major league home run at Hanlan's Point Stadium in Toronto. It landed in Lake Ontario and is believed to still be there.

37. A lake on Saturn's moon Titan is named after Lake Ontario. It's called "Ontario Lacus."

Correction:

OOPS: 100 million lake trout is NOT 1/5 the human population of the United States. It's nearly 1/5 the human population of North America! Even more impressive.

<http://www.buzzfeed.com/andrewziegler/great-lakes-facts-that-will-blow-your-mind#18zng8m>





Upcoming Events

Sunday, Oct. 5, 2014

State Line Gem & Mineral Society

monthly meeting

2:00 p.m.

201 W. Main St.
Morenci, MI 49256

Oct. 4

Tipton, MI

Hidden Lake Gardens
Fall Foliage Festival
11:00 a.m - 3:00 p.m
6214 W. M50
Tipton, MI

October 18-19

Clio, MI

Annual show:
Flint Rock & Gem Club
Cater Middle School
Clio, MI

October 3-5

Indianapolis, IN

16th Annual Fall Show
Treasures Of The Earth Gem & Jewelry Shows;
Indiana State Fairgrounds
Agriculture/Horticulture Bldg.
Indianapolis, IN

October 25-26

Cuyahoga Falls, OH

Show and sale;
Akron Mineral Society, Summit Lapidary Club
Emidio & Sons Expo Center
Cuyahoga Falls, OH

Oct. 10-12

WARREN, MI.

Prospector's Showcase.
Michigan Mineralogical Society's 70th Annual
Detroit Gem, Mineral, Fossil, & Jewelry Show.
Macomb Community College
Sports & Expo Center, Building P
14500 E. 12 Mile Rd. (& Hayes)
Warren, MI.
Fri. 9-6, Sat. 9-7, Sun. 11-5

October 25-26

Evansville, IN

Annual show:
Evansville Lapidary Society
Southern Indiana Career and
Technical Center
Evansville, IN

October 17-19

Fort Wayne, IN

Annual show:
Three Rivers Gem & Mineral Society
Allen County Fairgrounds
2726 Carroll Rd
Fort Wayne, IN





Rock Trails

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

