

ROCK TRAILS



Newsletter of the StateLine Gem and Mineral Society

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JULY 2014

2014 Officers and Directors

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Vice President: Henry Porter, 313 694-7642
Secretary: Patricia Baier-Hay, 517 263-8585
Treasurer: Doris Brzezicki, 517 263-1669
Past President: Richard Brzezicki, 517 263-1669
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Second Year Director: Charles Swanson, 517 436-9299
Third Year Director: Frank Kramic, 517 458-7191
Show Chairman: Doris Brzezicki, 517 263-1669
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Sunshine: Catherine Choske, 517 423-3572
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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

Treasurer's Report: Thank you to all the members who helped at the show. It is always a big undertaking and you did a great job. Due to my health issues, I was not able to be at the show as much as I would have liked to, but I saw that you all had the situation covered. Financially, we did not do as well as we have in past years. This was due to a number of factors, which we can discuss at our next meeting. Sherm Kardatzke has generously offered to co-chair the show next year. I am very pleased and confident that he will be very helpful.



It seems my report is not always about the financial aspects of our club. I am sorry to report that we lost two of our wonderful members to their battle with cancer. Lyle Gerhart and Fran Porter passed away this month. They were quiet supporters of the club, usually in the background but they will be missed. Our sincere sympathy goes to their families and friends.

We do have several new members who joined the club. Please add this information to your membership list.

Kevin & C.J. Bauschka	608 E Church	Adrian, MI 492221	(517) 263-0933
angeldesigner1958@yahoo.com			
John Engler	7827 County Road F	Bryan, OH 43506	(419) 533-9583
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Curtis & Linda Miller	15277 St Hwy 109	Lyons, OH 43533	(419) 923-2090
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Stephen Shimatzki	107 Florentine Dr	Holland, OH 43528	(567) 868-8794
sjs132@gmail.com			

Our next meeting will be July 6th. Traditionally this has been a pot luck where we can relax and enjoy each others company and consider changes we might need to make at next year's show. All ideas are welcome.



Happy 4th of July!!!

Secretary's Scoop



President Ed started up the informal State Line Gem and Mineral Society meeting after the close of the club's annual gem and mineral show. Ed asked if everyone was receiving the *Rock Trails* newsletter okay and it seemed that those members in attendance had. Richard made a motion to accept last month's secretary's report as published in the newsletter and Phyllis seconded it. With all in favor, the motion passed.

Treasurer's report: Richard gave a general report for Doris who was unable to be present due to health issues. Richard said the show did well overall, but didn't have exact amounts at this time, since expenses and receipts still needed to be calculated.

Attendance numbers were down a little this year, but dealers were saying that sales were up. Admission receipts partially made up for diminished donations from previous years. Geode sales were about the same as last year, kitchen receipts were up and silent auction sales were down by about half from last year. There was discussion including years when the horse show coincided with our show and resulted in more attendance and sales. This year's show did well over all. Phyllis made a motion to accept the treasurer's report, subject to change as more accounting information is processed. Sherm seconded the motion, which passed with all in favor.

C.J. Baushka thanked everyone for inviting her to demonstrate at our show. She and her husband Kevin decided to become members of our club since they had such a good time at the show.

Glenda asked if the club was interested in participating in an event at M.I.S. on July 11th and 12th. She has already paid for the space and said that there was plenty of room for the club to participate at no additional cost. There is no electricity available for the Genie to demonstrate cabochon creating so we would need to acquire a generator for that. The club could sell and crack geodes, as well as sell grab bags from our grab bag lion. Ed thought everyone was a little burned out right now so maybe we could discuss it more at the next club meeting (**July 6th**). Phyllis did mention that she would be willing to help if the club decided to participate.

Glenda noted that the club members did a fantastic job and felt that there was lots of member participation this year. Then everyone took a moment to welcome C.J. and Kevin as well as John Engler to the club.

Advertising seemed to go well with the admission flyers and newspapers offering a dollar off admission.

Linda Sharkey suggested that we should try to arrange for more field trips. One trip could be to Kentucky with Ben E. Clement to look for "florescent" minerals with a special entry fee for large groups. Glenda asked about another trip to Indiana. Sherm noted that we were getting low on some sizes of geodes.

Richard made a motion to adjourn and Sherm seconded it. With all in favor, the meeting ended.

Respectfully submitted by Pat Baier-Hay

Arches National Park

It's hard not to find drama in the red sandstone formations that give Utah's Arches National Park its name—and its beauty. There are more natural arches here than anywhere else in the world.

Location: Utah

Established: November 12, 1971

Size: 76,359 acres

This park contains more than 2,000 natural arches—the greatest concentration in the country. But numbers have no significance beside the grandeur of the landscape—the arches, the giant balanced rocks, spires, pinnacles, and slickrock domes against the enormous sky.



Perched high above the Colorado River, the park is part of southern Utah's extended canyon country, carved and shaped by eons of weathering and erosion. Some 300 million years ago, inland seas covered the large basin that formed this region. The seas refilled and evaporated—29 times in all—leaving behind salt beds thousands of feet thick. Later, sand and boulders carried down by streams from the uplands eventually buried the salt beds beneath thick layers of stone. Because the salt layer is less dense than the overlying blanket of rock, it rises up through it, forming it into domes and ridges, with valleys in between.

Most of the formations at Arches are made of soft red sandstone deposited 150 million years ago. Much later, groundwater began to dissolve the underlying salt deposits. The sandstone domes collapsed and weathered into a maze of vertical rock slabs called "fins." Sections of these slender walls eventually wore through, creating the spectacular rock sculptures that visitors to Arches see today.

The land has a timeless, indestructible look that is misleading. More than 700,000 visitors each year threaten the fragile high desert ecosystem. One concern is a dark scale called biological soil crust composed of cyanobacteria, algae, fungi, and lichens that grow in sandy areas in the park. Footprints tracked across this living community may remain visible for years. In fact, the aridity helps preserve traces of past activity for centuries. Visitors are asked to walk only on designated trails or stay on slickrock or wash bottoms.

Did You Know?

There are more than 2,000 arches in the park. To be classified as an arch, the opening must measure at least three feet across. The largest arch in the park, Landscape Arch, spans 306 feet (longer than a football field) base to base. New arches are constantly forming, while old ones occasionally collapse—most recently Wall Arch, which fell in 2008.

Arches National Park

continued

Arches National Park contains ephemeral pools, from a few inches to several feet in depth, that are essentially mini-ecosystems, home to tadpoles, fairy shrimp, and insects. The pools form among the sandstone basins, within potholes that collect the rare rainwater and sediment.

About 300 million years ago an inland sea covered what is now Arches National Park. The sea evaporated and re-formed more than 29 times, leaving behind salt beds thousands of feet thick.

Another unique aspect of the park is its knobby black ground cover, which is actually alive. A biological soil crust, it is composed of algae, lichens, and cyanobacteria (one of Earth's earliest life forms), and provides a secure foundation for the desert plants.

Flora/Fauna

The park may appear lifeless at first blush, but look closer and you'll see a variety of flora and fauna. All have made clever adaptations to survive in this harsh environment of ephemeral pools, dry arroyos, grasslands, and bare rocks.

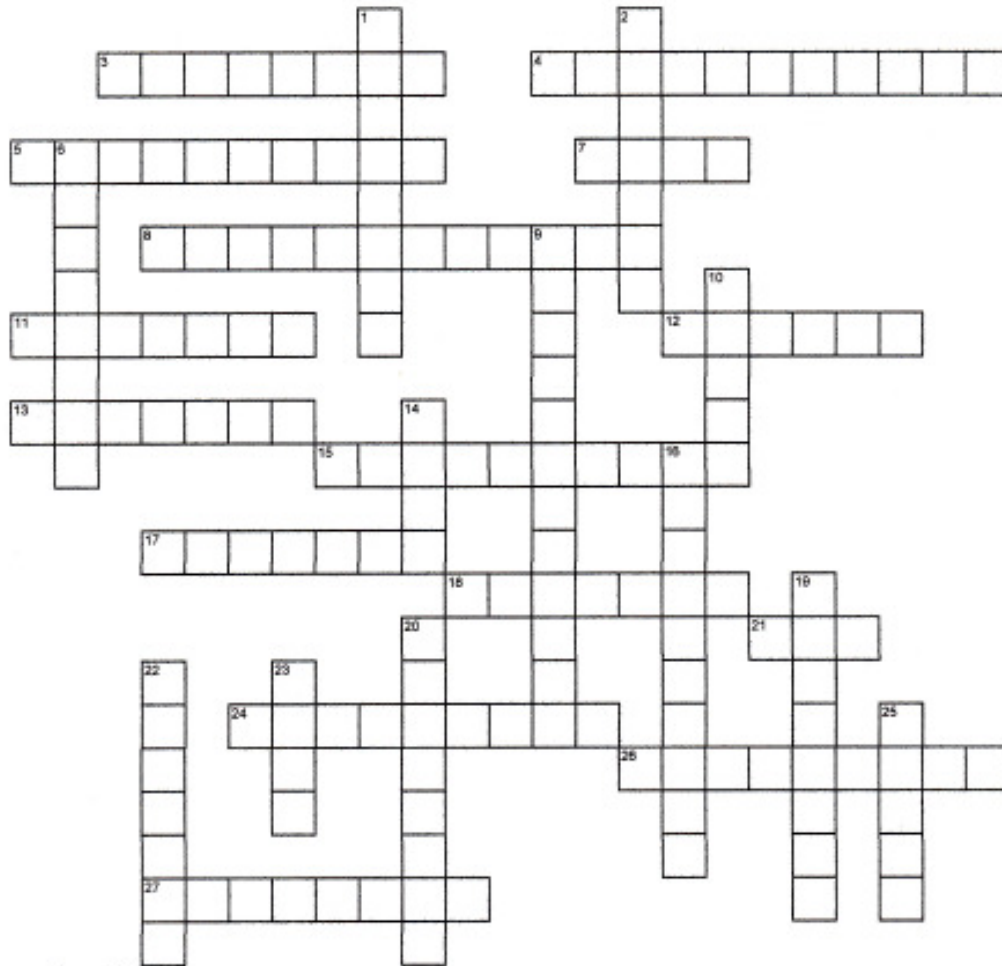
Many of the park's animals are nocturnal, including kangaroo rats, woodrats, skunks, foxes, bobcats, mountain lions, bats, and owls. Some are crepuscular—they're most active at dawn and dusk—including mule deer, coyotes, and porcupines. Others are diurnal—most active during the day—such as squirrels, lizards, hawks, eagles, and bighorn sheep (which have recently been reintroduced into the park).

Plants at Arches generally fall into three categories in terms adaptation to the environment: drought resistors, drought evaders, and drought escapers. Among them are cacti, grasses, lichens, and mosses.

<http://travel.nationalgeographic.com/travel/national-parks/arches-national-park/>



Independence



www.CrosswordWeaver.com

ACROSS

- 3 Payment to government
- 4 First American Congress
- 5 Colonial army leader
- 7 Betsy Ross made one
- 8 "We the People" document
- 11 Record of events
- 12 Tea Harbor
- 13 Bands march in
- 15 Made midnight ride
- 17 No tyranny
- 18 Right of choice
- 21 Colonists threw in harbor
- 24 60 second fighters
- 26 Bursts in the air
- 27 British soldiers

DOWN

- 1 Original states
- 2 Part of Great Britain
- 6 Citizen of USA
- 9 Freedom of choice
- 10 Valley fort
- 14 Nation's birthday month
- 16 British colonial war
- 19 Washington crossed it
- 20 Loyal to their country
- 22 A big win
- 23 George's title
- 25 Not lies



Solution on page 7

Upcoming Events

July 6, 2014

StateLine Gem & Mineral Society

monthly meeting
2:00 p.m.
201 W. Main St.
Morenci, MI 49256

August 5-9, 2014

HOUGHTON, MI

and surrounding area

Keweenaw Mineral Days

hosted by the A.E. Seaman Mineral Museum,
Keweenaw Gem & Gift and Red Metal Minerals.
Museum is at Michigan Technological University
1404 E. Sharon Ave., Houghton.

September 5-7, 2014

TOLEDO, OH.

Toledo Gem & Rockhound Club
Jewelry, Gem & Mineral Show & Sale
Stranahan Great Hall
4645 Heatherdowns Blvd.

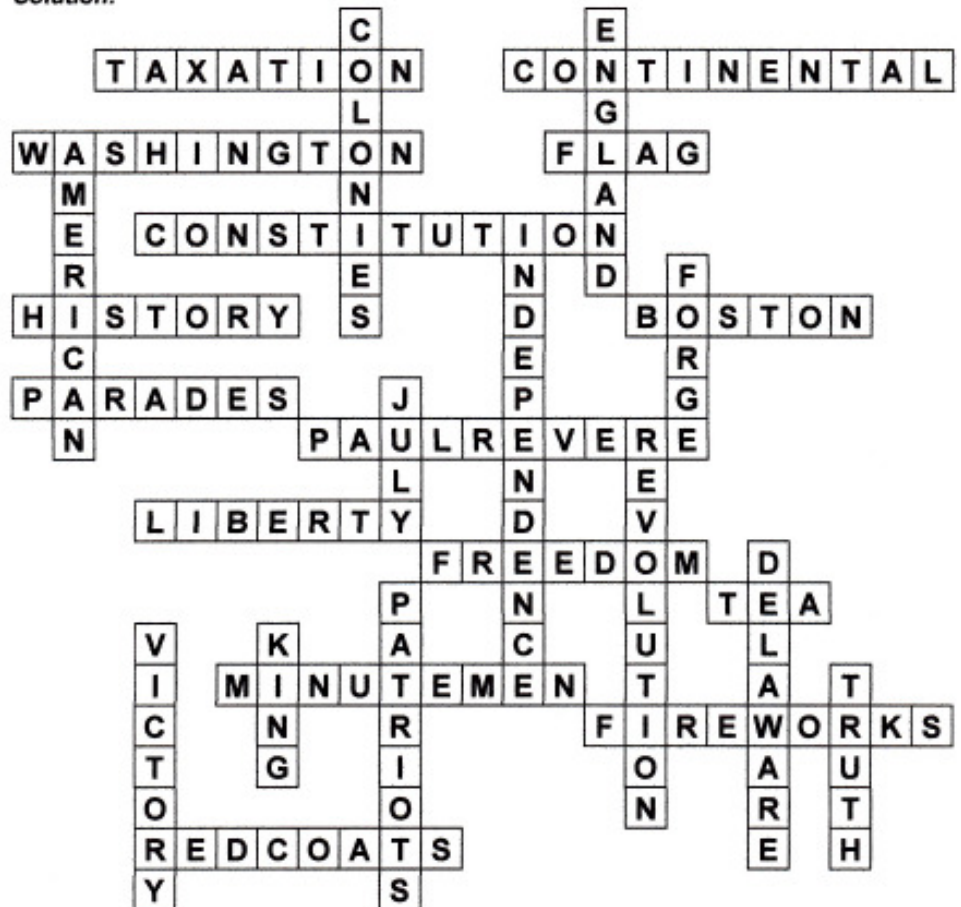
Toledo

Fri. 2-8, Sat. 10-6, Sun. 11-5; Adults \$4,
Students & seniors \$3.50,
Children under 12 & scouts in uniform free



Independence

Solution:





Rock Trails

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Adrian, MI 49221

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

