

Beehive Buzzer

August 2014 Volume 42 Issue 8



Issue Highlights...

Calendar	2
Show Dates	2
Field Trip Schedule	2
Minerals of Utah	3-5
Eagle Pointe Landslide	5-6
Westerners Fear Land Grab	7
August Birthstone	8
Officers & Club Info	9

Club Notes

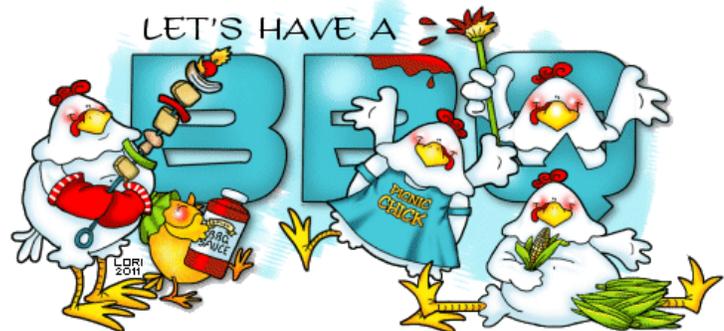
The next long field trip is to the McDermitt, NV area starting Sept 12. Please contact Dan Siler prior to Sept 1 at 801-737-3013 or 801-589-3083 if you are going.

At the Summer Party, look at the samples of rocks collected at McDermitt, NV in the past.

This Month is Our Annual Summer Party!!!!

Thursday, August 28 at 6:30 pm

Sandridge Park, 4400 South 2100 West, Roy Utah

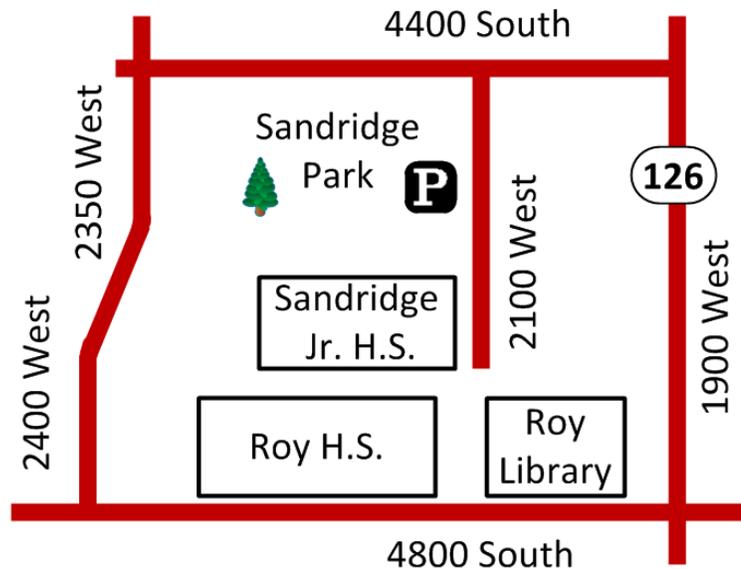


The club will provide the main course, which is pulled pork or beef brisket, and a few side dishes prepared by Holy Smoke BBQ & Grill of Layton, and drinks.

All you have to bring is your family, a side dish or dessert, plates & utensils, and a large appetite!

Bring any rocks you have to sell to donate to the club.

Note! We are starting at 6:30 pm instead of 7:00 pm.



Calendar

August

28

**Annual Summer Party
BBQ Dinner
Sandridge Park, Roy
6:30 pm**

September

4

**Board Meeting
Roy Municipal Center
(Outside)
7 pm**

12-19

**McDermitt, NV
Field Trip**

20

**Ophir, Mercur
Field Trip**

25

**Monthly Club Meeting
Roy Municipal Center
7 pm**

October

2

**Board Meeting
Roy Municipal Center
(Outside)
7 pm**

11

**Floy Wash
Field Trip**

23

**Monthly Club Meeting
Roy Municipal Center
7 pm**

Show Dates

September

26-28—SANDY, UTAH: Wholesale and retail show; Gem Faire Inc.; South Towne Expo Center; 9575 S. State St.; Fri. 10-6, Sat. 10-6, Sun. 10-5; adults \$7, children (ages 0-11) free; fine jewelry, gems, beads, crystals, gold and silver, minerals, exhibitors, jewelry repair while you shop, hourly door prizes; contact Yooy Nelson, (503) 252-8300; e-mail: info@gemfaire.com; Web site: www.gemfaire.com

26-28—TOOELE, UTAH: Annual show and sale; Tooele Gem & Mineral Society; Dow James Bldg.; 400 North 400 West; Fri. 10-7, Sat. 10-7, Sun. 10-5; free admission; rocks, gems, hourly door prizes, grab bags, silent auctions, Wheel of Fortune, displays, dealers, demonstrations, in conjunction with the Festival of the Old West - Mountain Man Rendezvous; contact Colleen Edwards, PO Box 348, Tooele, UT 84074, (435) 882-5752; e-mail: TooeleGemAndMineral@gmail.com; Web site: www.tooelegem.com

October

3-5—SALT LAKE CITY, UTAH: Annual show; Mineral Collectors of Utah; Trolley Square; 600 S 700 E; Sat. 12-9; free admission; exhibit cases, dealers, minerals, fossils, Wheel of Fortune, Touch & Feel Table, grab bags, identifications; contact Curt Forrester, 7792 N. Kookaburra Ct., Eagle Mountain, UT 84005, (801) 789-6325; e-mail: fossilmin@gmail.com; Web site: <https://sites.google.com/site/mincollutah/Home>

10-12—MOAB, UTAH: Annual show; Moab Points and Pebbles; Old Spanish Trail Arena; 3641 S. Hwy. 191; Fri. 10-6, Sat. 10-6, Sun. 10-4; free admission; dealers, displays, demonstrations, Spin Wheel, door prizes, photo exhibit, field trips (Yellow Cat area limb casts, petrified wood; Blue Hills area septarian nodules, agate, petrified wood); contact Jerry Hansen, PO Box 186, Moab, UT 84532; e-mail: moabrockclub@live.com; Web site: www.moabrockclub.com

Show Dates: Check <http://www.rockngem.com/show-dates-display/?ShowState=ALL> for shows throughout the country.

Field Trip Schedule

September 12-19	McDermitt, NV
September 20	Ophir, Mercur
October 18	Gold Hill
October 11-?	Floy Wash/Henry Mtns

Submitted by Linda Pilcher

**MINERALS OF
UTAH**

Adamite
Gold Hill



Topaz
Juab County



Azurite
Lisbon Valley



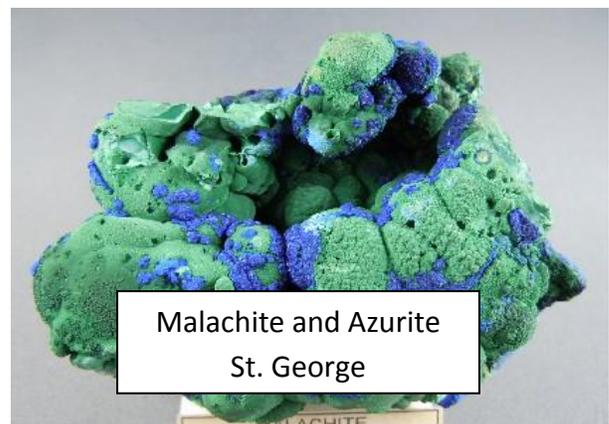
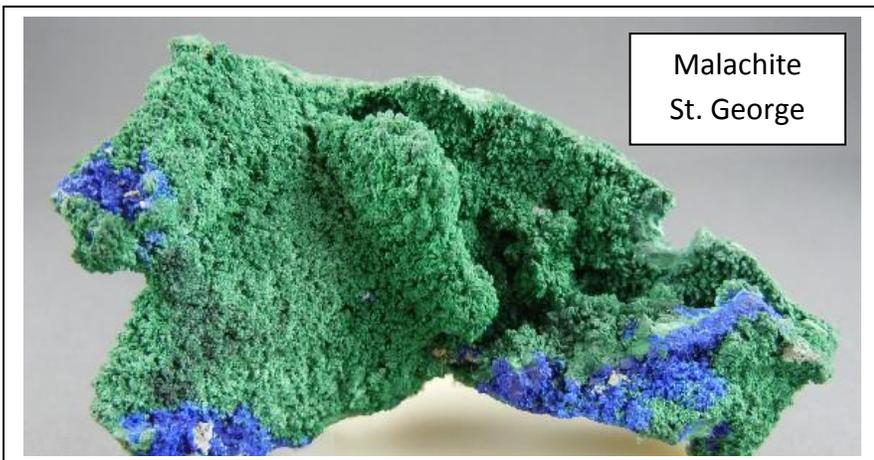
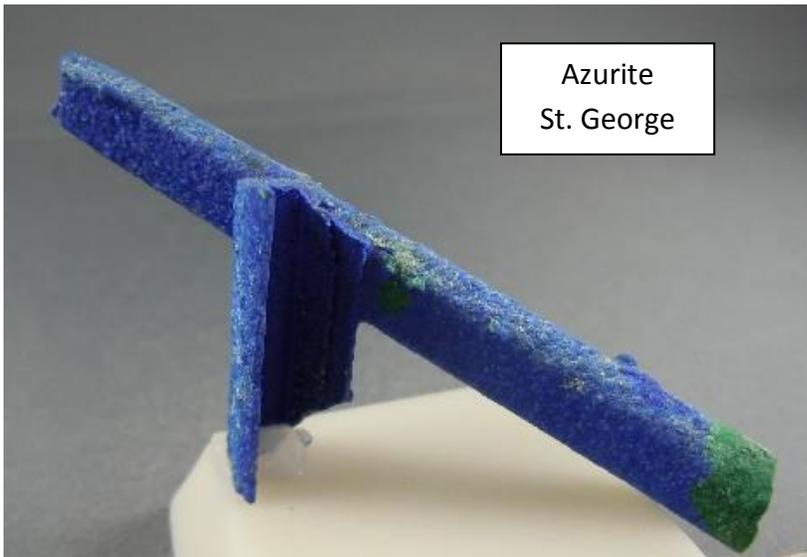
Tetrahedrite
Bingham

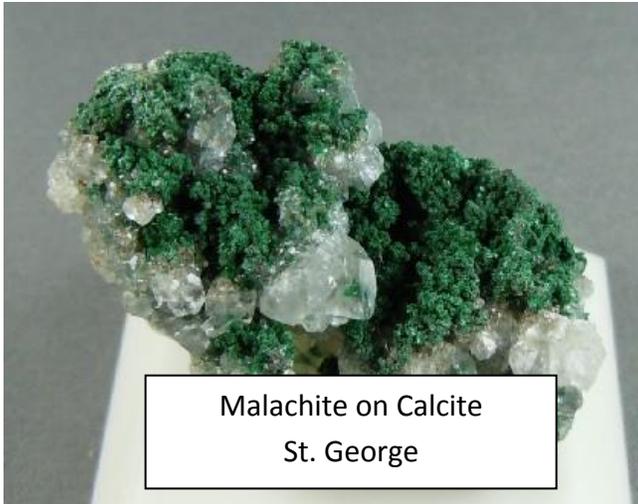


Tetrahedrite
Park City



Bixbyite
Juab County





Malachite on Calcite
St. George



Silver
Park City

The Eaglepointe Landslide in Salt Lake City, Utah

From the Landslide Blog: Posted by dr-dave

One of the many landslide events in the last few days was a slide in the Eaglepointe subdivision in Salt Lake City in Utah. The development of this landslide was brilliantly caught on a time-lapse video by KUTV reported Holly Menino and 2News photographer Mike Stephen.

For video, go to:

<http://blogs.agu.org/landslideblog/2014/08/12/eaglepointe-1/>



Jeff Moore of the University of Utah has very helpfully put together the following incredibly useful briefing on the Eaglepointe landslide:

- On Tuesday morning Aug 5, around 6 am, a large landslide underwent rapid and sustained failure, displacing some tens of meters over a period of minutes.

- One house was destroyed and three others imminently threatened. A nearby gas pipeline was undamaged.
- Movement had initiated at least four months prior back in April (our wet season), by some accounts back in fall 2013.
- In the week before the slide, large tension cracks had been growing at the crest of the slope, and the toe area was bulging creating some distress to adjacent properties.
- The developer hired geotechnical consultants to install inclinometers at the crest, and homeowners were diligently observant of the slope.
- Residents had received a letter indicating that there was a slide and to be prepared, but most seem to have already known due to the obvious signs of ground distress.
- During the morning of the failure, rolling boulders from the toe woke one of the 12 residents in the destroyed home, who then woke the rest of his extended family and everyone evacuated from the house before it collapsed.
- Movement later slowed but the scarp and slide mass threaten more homes.
- A heavy monsoon rain storm the previous evening is the ascribed trigger of ultimate movement, although slow displacement had been ongoing for months.

- My preliminary volume estimate of the slide is ~300,000 m³, based on the aerial extent and an assumed average depth of 10 m.
 - The slide mass consists of sands and gravels of the Lake Bonneville highstand, overlain atop Tertiary volcanic tuff – the latter is a notorious material for landslides in the northern Utah, the so-called Norwood Tuff. It weathers to swelling, water-sensitive clays. The condition or depth of the sliding surface is however, not known at this time.
 - Another slide just 1 km away in similar stratigraphy (named Springhill) destroyed several homes over an extended period in 1998 and during later wet years. Yet another slide in the same geology is progressively destroying several residential lots in nearby City Creek.
 - The development was a gravel quarry until the late 1990's, and the area that slid was the highwall or maximum extent of quarrying. It had been graded at 2:1 (~25 degrees). The houses threatened were built in the mid-2000's. New development is currently underway at the crest of the slope that failed, including new roads and several new homes.
 - Geotech reports used by the developer and city to permit the previous and new construction deemed the slope globally stable. These can be downloaded and freely reviewed here: <http://nslcity.org/index.aspx?NID=331>
 - Some smaller sluffs and slides had been observed in previous years especially around the base of the slope where small cut-backs had been made.
 - Location: <https://www.google.com/maps/@40.8274081,-111.9022917,295m/data=!3m1!1e3> – to the north of the slope you can see the covered tennis courts and home immediately west that sustained the most damage, as well as some clearing for development at the crest of the slope (south).
- Standard.net has a great gallery of images of the landslide. Go to: <http://www.standard.net/Local/2014/08/06/North-Salt-Lake-residents-blame-city-for-landslide.html>
- This image from that set shows the state of the eaglepointe landslide site now:



<http://www.standard.net/Local/2014/08/06/North-Salt-Lake-residents-blame-city-for-landslide.html>

Given the history of the site I think that it is unlikely that the Eaglepointe landslide can be considered to be a natural event. However, it is not clear to me who, if anyone, might be to blame.

Westerners Fear Monumental Land Grab by Obama Administration

By Kelly David Burke

August 19, 2014, FoxNews.com

“Utah officials are scrambling to prevent the Obama administration from locking down thousands of acres of land in their backyard, as federal officials consider up to a dozen possible national monument designations – all in western states.

The Antiquities Act gives U.S. presidents the authority to unilaterally declare public lands as national monuments at the stroke of a pen, with no input from the public unless they choose to seek it...

...But critics feel the Antiquities Act has been misused in recent decades by presidents of both parties and, in Utah, they're seeking a compromise that would allow some land to become designated as “wilderness” instead.

"The original Antiquities Act passed as a way of conserving land," Republican Utah Rep. Rob Bishop said. "It's no longer used that way. Now it's used as a political purpose to make a political statement on land that is not endangered in any way."...

...A draft Interior Department memo in 2010 suggested 12 sites for possible national monument designation by President Obama. The land already is mostly in federal hands, but a monument designation would more tightly restrict access...

...Utah Gov. Gary Herbert recalled how then-President Clinton designated the Grand Staircase-Escalante National Monument in southern Utah, by far the nation's largest, covering an area the size of Delaware and Rhode Island combine.

"President Clinton in 1996 -- denying that he was going to do it without any input from our congressional delegation or local government or state government -- just one day announced this designation," Herbert said.

Bishop said “there were so many problems with it that were never solved when it was created.”...

...Emery County Commissioner Ethan Migliori said the monument is still a “bitter conversation in Utah.”

The problem, Migliori said, is the designation effectively “shut down everything” in that area. “You can't access it anymore ... even on designated roads,” Migliori said.

Brengel said this president won't declare national monuments without warning...

...Not willing to wait and see, Bishop has proposed a public lands initiative to work out a compromise. Instead of becoming national monuments, some land would become protected wilderness areas while allowing development on the rest.

Migliori and other officials in Emery County, where 92 percent of the land is owned by the federal government, support Bishop's efforts wholeheartedly. The proposed San Rafael National Monument would take up nearly 1,000 square miles, almost all of it in Emery County.

"It appears you have more access to a national park than you do to a national monument," Migliori said. "So a national monument is almost a death wish, or it feels like that to us."...

...Herbert is also on board, saying: "The environmental community, industry, local civic and business leaders, farmers, ranchers, energy developers ... All of the above come together and talk about what areas need to be developed and how, and what areas need to be preserved and protected because of their iconic vistas and venues."

Bishop said Interior Secretary Sally Jewell has spoken to him twice about his public lands initiative. "The secretary of Interior is encouraging us to move forward in doing it this way because it's a much more satisfactory process than ever it would be if you used the Antiquities Act," he said.

For full article, go to:

<http://www.foxnews.com/politics/2014/08/19/westerners-fear-monumental-land-grab-by-obama-administration/>

August Birthstone : Peridot

Birthstone Color: Yellow Green



If fire appears to leap from the vibrant green surface of the Peridot, this may be because this gem is formed as a result of volcanic activity. Many years ago, natives discovered Peridot crystals in the black sands of Hawaii, explaining their presence as tears shed by Pele, the volcano goddess. Throughout history, August's birthstone has been used as a means to connect with nature. Early Egyptian priests drank a stimulating beverage called Soma from cups made of Peridot, believing this practice to draw them closer to Isis, the goddess of nature.

The name Peridot comes from the Arabic word "faridat," meaning gem. Ancient Egyptians called them the "gem of the sun," because of their dazzling brilliance when seen in the desert sun. It was believed that the Peridot glowed with light even as darkness fell, which is why miners were said to have scouted for these gems during the night, marking their location, and returning in the light of day to retrieve them. Perhaps this legendary mining method is the reason that the Peridot is sometimes called "evening emerald."

Peridot is a mineral named Olivine, which is found in a variety of greens, ranging from light yellowish green to a dark olive. Early mining for this gem was done on Saint John's Island near Egypt around 1500 BC. The green crystal was considered protective against evil and when set in gold, especially helpful against night terrors. It was ground to powder and used as a remedy for asthma and as a cure for thirst brought on by fever. Today, Peridot is mined in Burma, Norway, Brazil, Australia, Hawaii, the Congo, and in Arizona.

The force of nature is alive within a Peridot, making a gift of this gemstone symbolic of vitality. It signifies strength, both individual and within a relationship, as well as the promise of new growth in years ahead.

Alternate August Birthstone

An alternate birthstone for August, Sardonyx is a type of translucent or opaque quartz with alternating parallel bands of brownish red and white. This stone was worn as a talisman by the Egyptians to protect against infections and evil. Today it is highly polished and carved into beautiful beads and cameos. Sardonyx is mined in India, Germany, Czechoslovakia, Brazil and Uruguay. A gift of this stone is considered symbolic of happiness within a relationship.



Officers & Club Information

2014 Board of Directors

Officers

President	Dan Siler	801-737-3013
Vice President	Nancy Anderson	801-425-7470
Secretary	Dave Offret	801-791-6081
Treasurer	David Law	801-731-4255

Activity Committee and Chairpersons

Field Trip Leader	Joe Kent	801-771-8184
Program	Ray Rutledge	801-732-8331
Door Prize	Jim Alexander	801-399-0785
Hospitality	Linda Pilcher	801-392-7620
Communications	Kay Berry	801-825-6261
Membership	David Law	801-644-4931
Mini-show	Alice Crittenden	801-547-7781
Safety	Lynn Hayes	435-723-2216
Publicity	Mark Acker	801-475-4705
Buzzer Editor	Dave Harris	801-737-1266
Associate	Leora Alexander	801-399-0785
Photographer	Shari Bush	801-388-8605
Calling Committee	Sherm & Ricky Thompson	435-760-1362

Federation Representatives

Rocky Mountain Federation Delegate	Joe Kent
Utah Federation Delegate	Open
Public Land Advisory Committee	Jim Alexander

Club Affiliations

The Beehive Rock & Gem Club began in April of 1970 and is a member of the following:

- Utah Federation of Mineralogical Societies
- Rocky Mountain Federation of Mineralogical Societies
- American Federation of Mineralogical Societies
- Scribe

Advertising Rates:

For sale ads are permitted for members at no charge. Business advertisements will be charged at the rate of \$5.00 for ¼ page or 15 cents per word for less than ¼ page.

General Objectives of the Club

The purpose of our club is to stimulate interest in the collection of rocks, minerals, gem materials, and legal fossils. To discuss and impart our knowledge of the different phases of collecting, cutting, polishing and

displaying them. Also to organize educational meetings, field trips and similar events while enjoying and protecting our natural resources.

Membership Dues

Yearly membership dues are for adult members are

Single	\$11
Couple or Family	\$16
Junior (Under 18 not part of family membership)	\$5

Dues are due October 1 of each year.

Meetings

General club meetings are held at 7 pm on the fourth Thursday of each month in the multi-purpose room of the City of Roy Municipal Center located at 5051 South 1900 West, Roy, Utah.

All visitors are welcome!

Board Meetings are held at 7 pm on the first Thursday of each month at the Roy Library located at 1950 West 4800 South, Roy, Utah.

Newsletter

The Beehive Buzzer is the official newsletter of Ogden Beehive Rock and Gem Club and is published eleven times per year. Please send submissions and exchange bulletins to beehivebuzzer@gmail.com.

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