



## Next General Meeting

**Nov. 10th, 2016**

**7:30 pm**

Community Room  
Civic Center Library

**Program:** Lithorama  
Preparations & Elect new  
officers

**Refreshments:** TBD

## Next Board Meeting

Sunday, Nov. 20th.  
after the show.

All Members are welcome  
to attend!

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## Lithophiles Mineral of the Month

**Lee Davisson**

Uvarovite is a member of the garnet family with a composition of calcium chromium silicate. Not surprising it is typically found in chromium mines as small well-formed green crystals. It was discovered in 1832 and named after Count Uvarov, a Russian statesman and amateur collector. Almost all garnets are found in metamorphic rocks with uvarovite particularly associated with metamorphosed limestones or in chromium rich serpentine deposits. The type local is the Saranovskii



Mine in Sarany, in the Ural Mountains of Russia. Crystals tend to be only a few millimeters in diameter but form large cluster arrays on a groundmass. Other well-known mines are in Finland, Italy, and Turkey, but also small occurrences in the chromite mines near Livermore. The small crystal size of uvarovite prevents use as a faceting gemstone, but there are very small crystalline varieties that have been shaped into cabochons.

## Minutes of the Lithophile Meeting October 13, 2016

Treasurer Bill Bish stated that all vendors have paid for their rent and insurance for the 2016 Lithorama. Sue has begun the audit of the Lithophile budget.

The shop heater costs \$3600. LARPD will pay for it. The wheels in need of repair will cost \$160.

Lee Davisson will manage the 4-H club members when they help at the Lithorama. Jenny Siders will take care of the 8 homeschoolers. Four of them are new members.

Bill Beiriger is having the new dates put on the Lithorama banner.

Jim Rose and Lee Davisson will go up into the loft above the shop to pull out rocks for the Lithorama.

Jenny Siders suggested that we go to the California Academy of Science in Golden State Park to view the new mineral display.

Next Board Meeting – October 27, 2016

Next Lithophile Meeting – November 10, 2016

Lithorama – November 19-20, 2016

Field Trip to Black Butte Reservoir, Stoney Creek – November 24-27, 2016

Lithophile Holiday Party – December 8, 2016

## Minutes of the Board Meeting October 27, 2016

Present: Bill Bish, Marilyn Janzen, Stephanie Goldsmith, Dick Friesen, Andrea Rodriguez, Molly Alexander

The club has one new member.

Lithorama—

Organize the rocks for the silent auction.

Prepare the grab bags.

Glow Room – problem getting long and short wave lights. Have Rich Langlois buy the needed lights.

**43<sup>rd</sup> Lithorama**  
**Gem & Mineral Show**

Sat. NOV 19 10am – 5pm Sun NOV 20 10am – 4pm

*Kids LOVE it!!* **AT the "BARN"**

**Dealers & Demonstrations**

**Fossils** 

**Beads** 

**Minerals** 

**Unique Gifts** 

**Visit Our 'Glow' Room**

**Displays**

**Livermore Valley Gem & Mineral Society**  
 Pacific AV at S Livermore AV, next to the Livermore Civic Center  
 Adults \$5 for both days – Children 12 and under FREE w/Adult  
[www.lithophiles.com](http://www.lithophiles.com)  
 Bring this AD (or copy) for **\$1 OFF** entry fee (ONE per person)

Find us on Facebook

The 2 Connies will be doing the food.

Beading Buddies will be allowed to sell their products.

Molly Alexander and her husband will spend Friday night, Nov. 18, at the barn. Jenny Siders and the homeschoolers will spend Saturday night, Nov. 19.

The general liability insurance, from Oct. 16, 2016 to Oct. 16, 2017, has been paid.

Next Lithophile Meeting – Nov. 10, 2016

Prepare for Lithorama.

Elect new officers.

# State Fossils

## Idaho State Fossil

Bill Beiriger

*Equus simplicidens*, The Hagerman Horse. The horse lived in the Late-Pliocene Epoch 3.5 million years ago. It was discovered in 1928 and became the Idaho State Fossil in 1988. *Simplicidens* is the oldest known representative of the modern horse genus, but it is more closely related to Grevy's Zebra of Africa than to horses, so it is called the American Zebra.

It is from the Hagerman Fossil Beds, which are the richest Late Pliocene fossil deposits in the world. The Hagerman Valley was created 15,000 years ago during the Bonneville Flood. The flood cut into the ground and created 600-foot cliffs on the Snake River.

The horse was between 43 & 57 inches at the shoulder and weighed between 385 & 847 pounds.

It became extinct along with all other horses about 10,000 years ago at the end of the Ice Age. The modern day horses that live in North America; were brought here by the early explorers that came here from Europe.

*E. Simplicidens* is found in Mexico and most of the United States: it was first found by E. D. Cope who identified the species from Llano Estacado, Mount Blanco area of Texas in 1892.



Virginia Museum of Natural History

# Beading Buddies



Beading Buddies met on Oct. 16 and started on a candy corn bracelet. It took longer than we anticipated but several of the group finished it later on in time for Halloween. Andrea and Pat are planning to go to the BABE bead show in Oakland on Saturday, November 12. Let them know if you want to go along. The next session will be November 13, 1-4 pm at Dick and Andrea's, 787 Joyce Street, Livermore. We will be making a beaded leather bracelet.



# California Shows & Events

**Now - ?:** California Academy of Sciences  
Gems & Minerals Unearthed  
Golden Gate Park, San Francisco  
<http://www.calacademy.org/>

**November 12 - 13:** SACRAMENTO, CA  
Sacramento Mineral Society  
Scottish Rite Temple  
6151 H Street  
Hours: Sat 10 - 5 daily  
Contact: Alyssa Mesiznger, (916) 662-5819  
Email: [webadmin@sacramentomineralsociety.org](mailto:webadmin@sacramentomineralsociety.org)  
Website: <http://sacramentomineralsociety.org>

**November 19-20:** LIVERMORE, CA  
Lithorama 2016, Livermore Valley Lithophiles  
The Barn  
3131 Pacific Ave.  
Saturday, 10 - 5, Sunday, 10 - 4  
website: [www.lithophiles.com/lithorama.html](http://www.lithophiles.com/lithorama.html)

**November 24-27:** THANKSGIVING  
FIELD TRIP to Black Butte Lake & Stony Creek  
Contra Costa M&GS/**NBFT Field Trip**  
Contact: Dick Pankey (925)439-7509  
[dickpankey@juno.com](mailto:dickpankey@juno.com)

**January 21 - 22:** EXETER, CA  
Tule Gem & Mineral Society, Visalia  
Exeter Veterans' Memorial Building  
324 N. Kaweah Avenue  
Hours: Sat 10 - 5; Sun 10 - 4  
Contact: Laura Manser (559) 303-0632  
Email: [ldriggs5@gmail.com](mailto:ldriggs5@gmail.com)  
Website: [www.tulegem.com](http://www.tulegem.com)

**February 18 - 19:** ANTIOCH, CA  
Antioch Gem Club  
Contra Costa County Fairgrounds  
1201 West 10th Street

Hours: 10 - 5 daily  
Contact: Brenda Miguel, (925) 301-6957  
Email: [brenda.miguel@yahoo.com](mailto:brenda.miguel@yahoo.com)  
Website: [www.antiochlapidaryclub.com](http://www.antiochlapidaryclub.com)

**February 25 - 26:** VALLEJO, CA  
Vallejo Gem & Mineral Society  
Solano County Fairgrounds, Mc Cormack Hall  
900 Fairgrounds Drive  
Hours: 10 - 5 daily  
Contact: Dan Wolke, 707 334-2950  
Email: [dncwolke@sbcglobal.net](mailto:dncwolke@sbcglobal.net)  
Website: [www.vjgems.org](http://www.vjgems.org)

**March 3 - 5:** NEWARK, CA  
Mineral & Gem Society of Castro Valley  
Newark Pavilion  
6430 Thornton Avenue  
Hours: Fri & Sat 10 - 6; Sun 10 - 5  
Contact: Cathy Miller, (510) 305-4196  
Email: [showchair@mgscv.org](mailto:showchair@mgscv.org)  
Website: [www.mgscv.org](http://www.mgscv.org)

**March 11 - 12:** SPRECKELS, CA  
Salinas Valley Rock & Gem Club  
Spreckel's Veteran's Hall  
5th & Llano Streets  
Hours: 10 - 5 daily  
Contact: Gary Beck, (831) 679-2896  
Email: [garybeckpca@yahoo.com](mailto:garybeckpca@yahoo.com)  
Website: [salinasrockandgem.pagecloud.com](http://salinasrockandgem.pagecloud.com)

**March 25- 26:** ROSEVILLE, CA  
Roseville Rock Rollers Gem & Mineral Society  
Placer County Fairgrounds  
800 All American City Blvd (off Washington)  
Hours: Sat 10 - 5; Sun 10 - 4  
Contact: Gloria Marie, (916) 216-1114  
Email: [gloriarosevillerockrollers@gmail.com](mailto:gloriarosevillerockrollers@gmail.com)  
Website: [www.rockrollers.com](http://www.rockrollers.com)

## Livermore Valley Lithophiles

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We're on the Web at [www.lithophiles.org](http://www.lithophiles.org) & [www.facebook.com/Lithophiles/](https://www.facebook.com/Lithophiles/)

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## Elected Officers & Club Information

### Elected Officers:

**President** Lee Davisson  
[leedavisson@sbcglobal.net](mailto:leedavisson@sbcglobal.net)  
**V. President** Stephanie Goldsmith  
**Secretary** Molly Alexander (925) 606-6977  
**Treasurer** Bill Bish ( [bcbish@att.net](mailto:bcbish@att.net) )

**Membership:** The Livermore Valley Lithophiles invites to its membership anyone genuinely interested in minerals, gems, lapidary, geology or any of the other earth sciences, and who desires association with others of like interests. Membership in our club consists of three classes: Senior, anyone eighteen years or older; Junior, anyone under eighteen; and Honorary. Dues are for the calendar year and are as prescribed in the by-laws, Article III. \$25.00 per family, \$20.00 per individual and \$10.00 for Juniors (twelve and younger.)

**Meetings:** General Meeting – Second Thursday of each month, 7:30 p.m. Civic Center Livermore Library Community Room (**Locations change go to Lithophiles WEB-SITE**). Board Meeting – Fourth Thursday of each month, 7:30 p.m. at the Club Shop or to be announced in the *Lithogram*. Any special meetings or places will be published in the *Lithogram*.

**Club Shop:** The shop at the Barn is open to club members 7:00 p.m. to 10:00 p.m.. on Tuesday nights. If no one arrives by 7:30 p.m. or if the Shop Foreman has not been informed a member will arrive late, then the shop will close at 7:30 p.m. Shop Foreman, Stephanie Goldsmith (925) 447-1722.

**Field Trips:** Location and date will be published in the *Lithogram*.

**Bulletin:** *Livermore Lithogram*. Published monthly and mailed or emailed to active members and guests. News of interest, reports and articles must be received by the first Tuesday of the month. Articles may be reprinted by giving proper credit.

### Editor:

Jenny Siders  
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