

# Livermore



# Lithogram

**Volume XXXIX, Number 2**  
**February 2014**

**Livermore Valley Lithophiles**  
**Livermore, California**

Next General Meeting:  
 Thursday, Feb. 13, 2014  
 Livermore Library Community Room  
 7:30 PM

**Program:** Lee Davisson  
**Uzbekistan artists of Islamic mosques and the ancient city of Samarkand.**

Next Board Meeting:  
 Thursday, Feb. 27, 2014  
**At the Shop**  
 Members are welcome to attend!

**Meeting Location:** Livermore Library Community Room 'A'

**Refreshments:** Jane Crone and Jenny Siders

<b>MEMBERS DUES ARE DUE</b>	
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**Presidents Message:**

So where's the President? Yes, I was a no-show at the last general meeting and was unfortunately out of town. However, I think this only emphasizes the point that in the absence of a President the Vice President fills in, as according to our by-laws. But if the Vice President is also absent... Well you get the drift. I'm urging members to consider the President or Vice President position so that we can complete our new Board.

I think it's a good time to be part of the club leadership. Our new Secretary and Treasurer are well organized and enthusiastic, and your Acting President has too many ideas to implement (for the good or bad) and could use the help (or the adult supervision). We have a year of programs and field trips still to plan and execute. Also, our 4-H program is going well; I find it fun to help and watch the kids produce their first cabochon. Our effort to create a junior's program has momentum also and so far there are several volunteers willing to lead an activity. If you would like to help, ask me to provide you with a list of activity topics.

Did you also know that we have an awesome lead foreman in the shop, Frank Gouveia. He has been very active improving the machines and keeping the operation working well. I think the shop attracts many of our newer members and they have been continuing to show up because of the enthusiastic help they get from the

**Presidents Message - continued from pg. 1**

forepersons. So don't forget to thank Frank and the other forepersons Stephanie Goldsmith, Chris Hunt, and Dick Friesen for their efforts.

With that said, we do have a foreman slot available for the third Tuesday of the month. If you would like to fill this position, please let Frank or any Board member know. Orientation and training will be given to those who need it.

So the club is fortunate to have a number of active participants maintaining key elements that keep our club functioning. So I urge all members to consider stepping up and lending a helping hand to not only help make the club function, but also to add something new or different that makes it fun for you and others. If you are not sure what that is, then let's talk.

I'm looking forward to seeing you all at our February meeting. This time I will be there.

**Minutes of the General Meeting**

Jan. 9, 2014

We did not have a quorum, so there was no official meeting.

**Lithophiles Field Trip**

March 15, 2014

**Field Trip to Mines Road**

We are planning a field trip with Beth Myers along Mines Road on March 15th. This trip will be preceded by a presentation at our general meeting on March 13th by Beth.

Beth Myers – She collects natural pigments on her property to make her own paints; lives on Mines Road before ascent to Mt. Hamilton. Below is a photo of Beth's Pigments Display at Lithorama 2013.



## Minutes of the Board Meeting

Jan. 23, 2014

**Present:** Lee Davisson, Bill Beiriger, Bill Bish, Molly Alexander, Marlene Wilkendorf

### Discussed programs for 2014

Next general meeting is Thursday, February 13. Lee will talk about Uzbekistan artists of Islamic mosques and the ancient city of Samarkand.

101 Program Ideas – AFMS

### Ideas for Meetings

- 1) 6 buckets of soil with sapphire provided by the Eastern Federation of Mineralogical and Lapidary Societies, Inc. Sort through the soil in teams. Cost=\$200.
- 2) Bill Beiriger – discuss safety rules and procedures during field trips and at the shop.
- 3) Fossils – everybody brings their fossil samples.
- 4) Marlene's friend has a collection of meteorites.
- 5) Mark Hart – lab engineer – discuss radioactive materials and minerals.
- 6) Marlene suggested a friend teach how to illustrate lapidary projects and jewelry.

### Ideas for Field Trips

- 1) Property of Beth Myers – She collects natural pigments on her property to make her own paints; lives on Mines Road before ascent to Mt. Hamilton.
- 2) Caves in gold country – Moaning Cave
- 3) UC Berkeley – a) Permanent exhibit in the Valley Life Sciences Building – a full-size T-Rex and other fossils;
- 4) Phoebe Hearst Museum of Anthropology, U. C. Berkeley.
- 5) Marlene suggested gold panning at Valley Springs.
- 6) Fossil Discovery Center of Madera County, (Paleontology Museum), near Merced.

### Report on 4-H Club

4 members last year

8 members this year

5 members are active ≈13 years old; they are at the shop on Tuesdays; meet once a month

Have members present their projects during a general meeting in the spring.

Set up Junior Program for students – Lee Davisson is in charge of Junior Program and wants members to be involved.

### Suggestions for 4-H programs

- 1) Identification of rocks and minerals; begin their own collection
- 2) Earth resources
- 3) Fossils
- 4) Showmanship – Junior Program case for gem show and Alameda County Fair

**Science Odyssey**, Thursday, February 20, 2014, at Junction Avenue School

### Shop

Chris Hunt is no longer a foreman, so need a new one. Frank Gouveia filled in as foreman on Tuesday, January 21.

Frank wants a hot water heater because the old one no longer works. Lately, hands have started to freeze in the shop. Bill Beiriger motioned to buy a new water heater for the shop; Molly Alexander seconded it.

Marlene suggested a drill for the shop. She will research the tool and bring the information to the next meeting.

Frank will buy a large quantity of settings.

### Treasurer's Report

Bill Beiriger motioned to donate \$500 to LVJUSD elementary science teachers; the club has done it every year. Lee Davisson seconded it.

Bill Bish reported that the club's account was changed from a personal account to a business account at Chase Bank. He motioned that some money in the Savings account be transferred to a Vanguard mutual fund. Currently losing money in Savings account instead of earning money in mutual fund. The topic will be discussed at the next general meeting.

The club owes the Post Office \$116 for P.O. Box 626; needs to get P.O. Box keys from other members.

The meeting adjourned at 8:45 pm.

Molly Alexander, Secretary

## - - A Geological Note - -

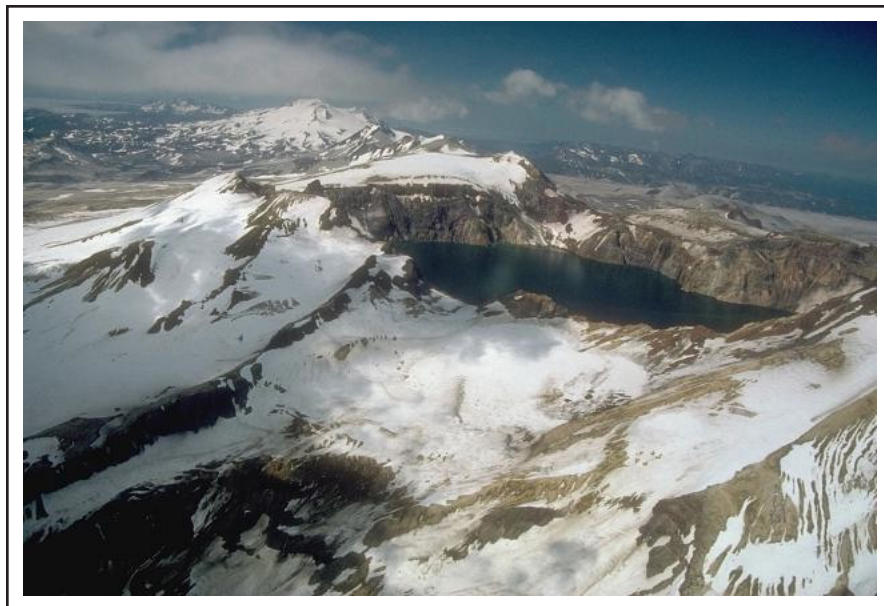
### **William "Strata" Smith's 1815 geological map.**

William Smith produced local geological maps for the south of England and in 1815 he published the world's first complete geological map of Britain. The accuracy of his geological understanding two centuries ago was so good that modern day geological maps show little difference from his work. Smith is the Father of Geological Stratigraphy.

## **The Volcanoes of Alaska.**

Compiled by Bill Beiriger

**Information and Photos from the Global Volcanism Program - Smithsonian Institution.**



### **Katmai - Alaska Peninsula**

**Last Eruption - 1912**

**6,716 feet**

**58.280° N 154.963° W**

Prior to 1912, Mount Katmai was a compound stratovolcano with four NE-SW-trending summits, most of which were truncated by caldera collapse in that year. Two or more large explosive eruptions took place from Mount Katmai during the late Pleistocene. Most of the two overlapping pre-1912 Katmai volcanoes are Pleistocene in age, but Holocene lava flows from a flank vent descend the SE flank of the SW stratovolcano into the Katmai River canyon. Katmai was initially considered to be the source of the Valley of Ten Thousand Smokes ash flow in 1912. However, the 3 x 4 km wide caldera of 1912 is now known to have formed as a result of the voluminous eruption at nearby Novarupta volcano. The steep walled young caldera has a jagged rim that rises 500-1000 m above the caldera floor and contains a 250-m-deep, still-rising lake. Lake waters have covered a small post-collapse lava dome (Horseshoe Island) that was seen on the caldera floor at the time of the initial ascent to the caldera rim in 1916. Post-1912 glaciers have formed on a bench within Katmai caldera.

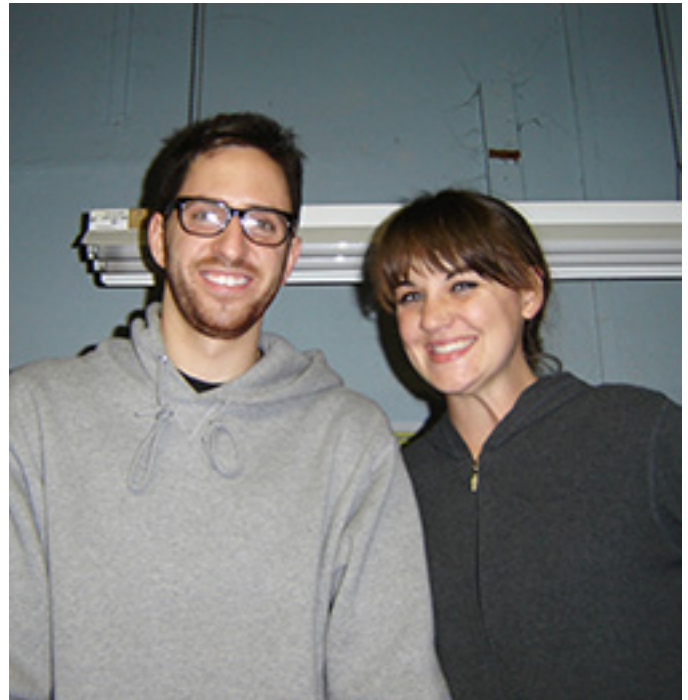
Photo by Chris Nye, 1991 (Alaska Division of Geological and Geophysical Surveys, Alaska Volcano Observatory).

<http://www.volcano.si.edu/world/volcano>

**Shop Talk**  
**By Frank Gouveia**



Marilyn Janzen



Kostyn & Pamela Kline



Frank Gouveia



Sarah Davisson



David Davisson, Paul Chirica, Sarah Davisson



Paul Chirica



Dan Chirica



Stephanie Goldsmith & Sarah Davisson

## Some interesting websites about Agates

### **Agates of the World sorted by Country**

[http://www.mineralworld.de/html/achat\\_engl.html](http://www.mineralworld.de/html/achat_engl.html)

### **Agates of the World sorted Alphabetically**

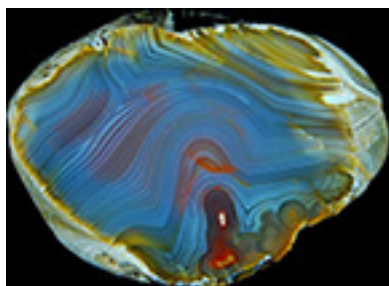
[http://www.mineralworld.de/html/aktuell\\_engl.html](http://www.mineralworld.de/html/aktuell_engl.html)

### **Agates and Rocks - Minerals and Gems from Hungary**

<http://www.mineraltivadar.hu/>

### **Agates from Poland & Czech Republic**

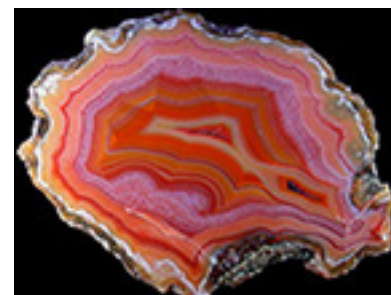
<http://www.agates.eu/>



Bahia Rio San Francisco, Brizil



Wave Hill, Australia



Canon Atuel, Argentina

The website for 'Agates of the World' gives you information on how you can send your agate photos for publication on the site. The website is by Klaus Schäfer gemstone- and jewellery-designer teacher at the college in Idar-Oberstein. There are references to articles in LAPIS Magazine and other publications.

The above photographs are from the 'Agates of the World' website article - Achat Almanach (Agate Yearbook).

**Bill Beiriger - Editor Lithogram**



## California Shows And Events

### 2014

**February 1-15: Tucson, AZ** Wholesale and Retail Shows at three locations Daily 10-6, free admission Contact Regina Aumente 505-867-0425 email: mzexpos@gmail.com website: www.mzexpos.com

**February 15-24: INDIO, CA**  
**San Gorgonio Mineral & Gem Society**, Riverside County Fair I & National Date Festival 46350 Arabia Street  
Hours: 10 - 10 daily  
Contact: Bert Grisham 915-849-1674, 951-288-9025 cell  
bert67@verizon.net

**February 21 - 23: NEWARK, CA**  
**Mineral & Gem Society of Castro Valley**  
Newark Pavilion  
6430 Thornton Avenue  
Hours: Fri & Sat 10 - 6; Sun 10 - 5  
Contact: Cathy Miller  
Email: info@mgs cv.org  
Website: www.mgs cv.org

**March 8 - 9: TURLOCK, CA**  
**Mother Lode Mineral Society, Modesto**  
Stanislaus County Fairgrounds  
900 North Broadway  
Hours: 10 - 5 daily  
Contacts: Bud & Terry McMillin, (209) 524-3494  
Email: terry\_mcmillin@yahoo.com  
Website: www.turlockgemshow.com

**March 8 - 9: SPRECKELS, CA, Salinas Valley Rock & Gem Club**, Spreckel's Veterans Hall, 5th & Llano Streets, Hours: 10 - 5 daily,  
Contact: Karin Salomon, (831) 375-5233,  
Email: k1.salomon72@yahoo.com Website: www.salinasrockandgem.com

**March 15-16: VALLEJO, CA**  
**Vallejo Gem & Mineral Society**  
Solano County Fairgrounds, 900 Fairgrounds Dr.  
Hours: 10 - 5 daily  
Contact: Dan Wolke, (707) 745-1816  
Email: dncwolke@sbcglobal.net  
Website: www.vjgems.org

**March 22 - 23: ANGELS CAMP, CA**  
**Calaveras Gem & Mineral Society**  
Calaveras County Fairgrounds  
101 Frogtown Road  
ours: Sat 10 - 5; Sun 10 - 4  
Contact: Robin Williams, (209) 728-8277  
Email: amy95247@yahoo.com  
Website: www.calaverasgemandmineral.org

**March 22- 23: ROSEVILLE, CA**  
**Roseville Rock Rollers**  
Roseville (Placer County) Fairgrounds  
800 All American City Blvd  
Hours: Sat 10 - 5; Sun 10 - 4  
Contact: Gloria Marie, (916) 216-1114  
Email: gloriarosevillerockrollers@gmail.com  
Website: www.rockrollers.com

**April 12 - 13: SAN JOSE, CA, Santa Clara Valley Gem & Mineral Society**, Santa Clara County Fairgrounds, 344 Tully Road, Hours: 10 - 5 daily,  
Contact: Frank Mullaney, (408) 266-1791; (408) 691-2656 (cell) Email: info@scvgms.org, Website: www.scvgms.org

**April 12 - 13: PARADISE, CA**  
**Paradise Gem & Mineral Society**  
Elks Lodge, 6309 Clark Road  
Hours: Sat 10 - 5; Sun 10 - 4

Contact: Manuel Garcia, (530) 877-7324  
Email: paradisegemmineralclub@yahoo.com  
Website: www.paradisegem.org

**April 19 - 20: MARIPOSA, CA, Mariposa Gem & Mineral Society**, Mariposa County Fairgrounds, Fairgrounds Drive (Hwy 49 South - 1.8 miles south of Mariposa, Hours: 10 - 6 daily, Contact: Martin Foden, (209) 742- 4036,  
Email: martin@safarigold.com,  
Website: www.camineralmuseum.com.

**April 26 - 27: SANTA CRUZ, CA, Santa Cruz Mineral & Gem Society,**

**November 22-23: LIVERMORE, CA**  
**Livermore Valley Lithophiles**  
Lithorama 2014 is a Gem and Mineral Show and Sale & will be held at the 'BARN' in Livermore,  
3131 Pacific Ave., off South Livermore Ave.  
Saturday 10:00 to 5:00  
Sunday 10:00 to 4:00  
info@lithophiles.com  
www.lithophiles.org

Show information is available at the California Federation of Mineralogical Societies website: [www.cfmsinc.org](http://www.cfmsinc.org)

#### Additional Resources:

American Federation of Mineralogical Societies website: [www.amfed.org](http://www.amfed.org)

American Lands Access Association website: [www.amerlands.org](http://www.amerlands.org)

CO-OP website: [www.coop.freeservers.com](http://www.coop.freeservers.com)

## Field Trips

## Livermore Valley Lithophiles

Bill Beiriger, Editor  
P.O. Box 626  
Livermore, CA 94551-0626  
info@lithophiles.com

We're on the Web at [www.lithophiles.org](http://www.lithophiles.org)



## Elected Officers and Club Information

### Elected Officers:

**President** OPEN  
**V. President** Lee Davisson ( [leedavisson@sbcglobal.net](mailto:leedavisson@sbcglobal.net) )  
**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 older.)

**Meetings:** General Meeting – Second Thursday of each month, 7:30 p.m. Civic Center Livermore Library Community Room (**Locations change goto 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:**  
Bill Beiriger,  
Livermore, CA 94551-0626,  
email: [info@lithophiles.com](mailto:info@lithophiles.com)

**Shop open every Tuesday at 7:00 PM**

**General Meeting Feb. 13th, at 7:30 PM**  
**Board Meeting Feb. 27th 7:30, At the SHOP**