



Volume XXXIX, Number 6
June 2014

Livermore Valley Lithophiles
Livermore, California

Next General Meeting:
Thursday, June 12, 2014
Livermore Library Community Room
7:30 PM

Program: **Bill Beiriger**
Program on Safety on Field Trips & in the Shop.
Also CalStateEastBay Scholarship Presentations.

Next Board Meeting:
Thursday, June 26, 2014
At the Shop
Members are welcome to attend!

Meeting Location: Livermore Library Community Room 'A'

Refreshments: Lee Davisson and

Last Meeting Until September

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Presidents Message:

Lithophiles, if you haven't noticed, some of us have been moderately active in developing youth activities in the club. For instance, last week the 4-H project participants talked about their projects making cabochons this year. This is the second year we have done this project with the 4-H and plan to continue it next year. Last year at Lithorama a junior member (my daughter Sarah) developed the Kids Corner activity and it was a big hit. We have been discussing informally and at Board Meetings of starting a formal Junior's Program within the club. We now have made the commitment to launch this program next fall! American Federation of Mineralogical Societies offers a formal program structure comprising 20 different activities (http://www.amfed.org/fra/fra_badge.htm). This is a merit badge program with fundamental, hands-on type projects for young learners.

So far I have recruited four club members to help in the development of activities and leading individual projects. We will likely conduct projects once a month. WE NEED MORE VOLUNTEERS. The time commitment will be minimal. Take a look at the weblink above and decide if you can help lead or participate in one or more of the activities offered. The number of juniors participating initially

Presidents Message - continued from pg. 1

will likely be small, but it could be a great opportunity for teaching and *recruiting* if we showcase junior accomplishments and participation at the annual Lithorama. Let me know if you would like to help out.

The May QUIZ QUESTION was: what is a “jabot pin”? Within *minutes* after the Lithogram was sent by Bill, I received this correct response with a picture from Rich Hunt:

A Jabot pin is “a type of brooch, usually long and vertically shaped, consisting of a single central pin with two decorative ornaments at either end; the lower ornament which either clicks or screws into place, is detachable, allowing the connecting pin to be slipped through the garment; when fastened, the pin is invisible, so the two ornaments seem to float on the fabric.”

OK, looks like there is some competition here, probably because I give a prize to the first one to answer correctly. So here is this week’s question:

How many carats is the Hope Diamond? What was its original mass?

Let me know if you know the answers, but don’t wait too long!

Minutes of the Board Meeting

May 22, 2014

Present: Lee Davisson, Bill Bish, Bill Beiriger, Dick Friesen, Andrea Rodriguez, Larry Patzkowski, Molly Alexander, Stephanie Goldsmith

Field trip to cave – June 21, 2014

Junior Program: Lee Davisson wants help and participation from lithophile members to plan the meeting topics for the year. In the next Lithogram, it will be announced that the Junior Program begins in the fall and members’ input and suggestions are requested. Lee wants to meet in July to plan the year’s agenda with details. The Junior members will start with their own rock and mineral collection and add to it throughout the year.

Lee Davisson motioned that the general members vote on buying a pixie for 1) educational purpose and 2) back-up to other pixie.

Bill Beiriger seconded it.

Stephanie Goldsmith mentioned that the encasings of the machines in the shop are rotting and some outlets are broken. These will eventually be repaired.

The pulley to the loft has to be serviced before next November show.

The meeting adjourned at 8:35 pm.

Minutes of the General Meeting

May 8, 2014

The Livermore Valley Lithophile meeting was called to order at 7:30 pm by Vice President Lee Davisson at the Livermore Library Community Room A.

Business:

Bill Bish discussed a June field trip to Black Chasm Cavern, about 2 hours driving time. The details will be finalized at the next board meeting on May 22, 2014.

The deadline to enter in the Alameda County Fair is May 23, 2014.

The next beading buddies meeting is May 31, 2014, 1:00-4:00 pm.

The next general lithophile meeting is on Thursday, June 12, 2014 at 7:30 pm. Two scholarships will be awarded to Cal State East Bay students.

Treasurer's Report:

Bill Bish is still working on the state tax-exempt status, which was lost last summer.

Program:

Three members of the 4-H Club, Charles Sider, Kaelo Maloney, and Eric Heinko, described the steps taken to complete their cabochon projects, and displayed their impressive results.

E-mail Notification

I have two special email lists that I forward information to members, if you would like to included on the lists please let me know.

#1 - Downtown Livermore Association notes on what is happening in downtown Livermore.

#2 - Sales events for Rio Grande lapidary and jewelry supplies.

Both of these groups have notes that come out about two or four time per month.

Bill Beiriger - info@lithophiles.com

4-H Lapidary Program and Junior Members Program

Wire Wrap Class



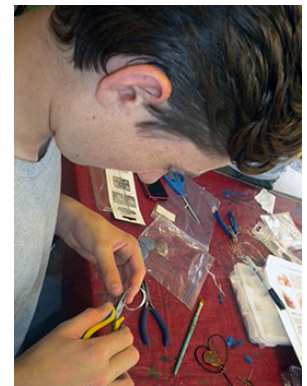
Instructor Jenny Siders, Grace Shaw-Smathers, Will Watson, Angela Richards, Eric Heinke and hidden behind Jenny, Kaelo Maloney.



Angela Richards & Eric Heinke



Grace Shaw-Smathers
& Will Watson



Eric Heinke

Lapidary Class



Beginning Lapidary 101
Rich Hunt - Instructor



Eric Heinke - What Size



Eric Heinke - Grinding



Charlie Siders - Polishing

4-H & Junior Members Presentation Night



Eric Heinke's Program Presentation



Kaelo Maloney's Program Presentation



Charles Sider's Program Presentation



Charles' Cabs



Eric's Cabs



Eric's Cab & Wire Wrap



Kaelo's Cabs



Grace Shaw-Smathers
Cabs & Wire Wrap

Junior Members

Summer Project

The below information is a repeat from last months Lithogram.

This will be the First Part of a series of topics for a New Junior's Program. Other topics will include Mineral and Rock Identification, Making a Display, Understanding Maps, Geologic Features, More Lapidary Arts, Archeology, etc. We will be looking for Lithophile Members to help teach these Mini-Programs, Please let Lee Davisson or Bill Beiriger know if you can help.

A Photo Project for Our Junior Members

Over the school vacation this summer take photos related to Geology.

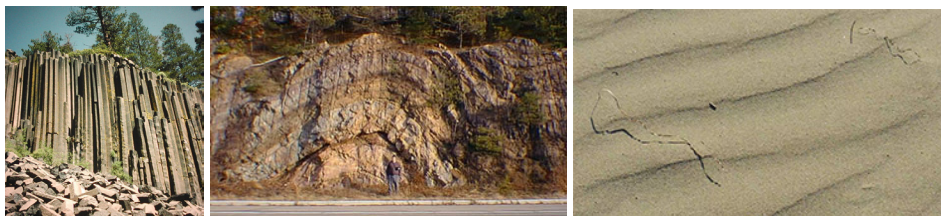
After summer vacation is over some of the photos will be published in the Lithogram. **Have Fun.**

The photos can be of Geological Formations, etc., see ideas shown below:

- Weathering of Rocks by Wind, Water, etc.
- Cross-Beading in Sandstones
- Density separation of Sands on a Beach
- Particle Size Separation of Sand on Beach
- Ripple Marks – Recent or Fossil
- Earthquake Faults
- Dikes in Rocks
- Rock Layers
- Mineral Crystal Pockets
- Cave Formations
- Columnar Basalts
- Geothermal Sites
- Anticlines and Synclines
- Fossils in Rocks
- Others ideas that you may find

Try to find the geological subjects in nature and not in a museum.

If you don't know what any of the above items are, look them up on the Internet.



The Volcanoes of Alaska.

Compiled by Bill Beiriger

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



Semisopochnoi - Alaska Aleutian Islands

Last Eruption - 1987

4,006 feet

51.93° N 179.58° E

Semisopochnoi, the largest subaerial volcano of the western Aleutians, is 20 km wide at sea level and contains an 8-km-wide caldera. It formed as a result of collapse of a low-angle, dominantly basaltic volcano following the eruption of a large volume of dacitic pumice. The high point of the island is 1221-m-high Anvil Peak, a double-peaked late-Pleistocene cone that forms much of the island's northern part. The three-peaked 774-m-high Mount Cerberus volcano was constructed during the Holocene within the caldera. Each of the peaks contains a summit crater; lava flows on the northern flank of Cerberus appear younger than those on the southern side. Other post-caldera volcanoes include the symmetrical 855-m-high Sugarloaf Peak SSE of the caldera and Lakeshore Cone, a small cinder cone at the edge of Fenner Lake in the NE part of the caldera. Most documented historical eruptions have originated from Cerberus, although Coats (1950) considered that both Sugarloaf and Lakeshore Cone within the caldera could have been active during historical time.

Photo by Steve Ebbert, 1997 (U.S. Fish and Wildlife Service).

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

Lithophiles Library at the Shop

**LITHOPHILES - MOST OF THE BOOKS THAT MEMBERS WILL WANT TO
CHECK OUT ARE READY FOR CIRCULATION.**

THE BOOKS WITH THE RED-ORANGE DOT HAVE BEEN LOGGED INTO THE SYSTEM.

**PLEASE! IF POSSIBLE LEAVE THE DOT ON THE BOOK.
WHEN YOU RETURN THE BOOK LEAVE THE GOLDEN-ROD BOOK MARK
SHOWING OUT THE TOP OF THE BOOK.**

**PUT YOUR NAME ON THE CIRCULATION CARD AND PUT IT INTO THE FILE BOX
PLEASE! RETURN THE BOOK AFTER 30 DAYS.**

IF YOU HAVE A QUESTION CALL BILL BEIRIGER 443-5769.

Shop Talk By Frank Gouveia

Spring is in the air and the days are getting longer which means it's no longer dark when the shop opens. We have had a steady flow of people visiting the shop.

The shop now has a display case with a variety of settings for purchase to choose from. There also are many other larger settings to choose from that are not on display just ask your shop foreman and they will gladly pull them out of the file cabinet. The settings range from 50 cents to \$6 and most are available in a silver or gold finish that is either plated or filled.

That's all from the shop...Rock on!

The Shop is open from 7pm to 10pm every Tuesday.

Shop Forepersons:

1st Tuesday – Stephanie Goldsmith

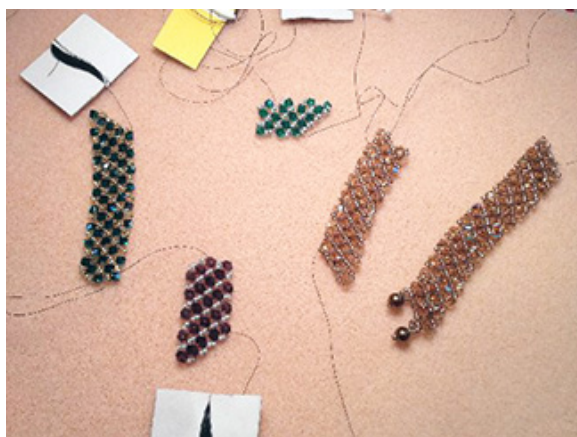
2nd Tuesday – Frank Gouveia

3rd Tuesday – OPEN POSITION PLEASE HELP OUT!

4th Tuesday – Diana Carey

5th Tuesday- Mystery Guest Foreman....Ooooooh!

Beading Buddies



May's Beading Project



Andrea & Sue

Where's Jane?



Sue, Andrea & Connie



Sharon & Chris

Here are a few gem and mineral shows you may want to attend while your on vacation this summer.

They are in several Federations: CFMS, NWFMS & RMFMS.

CFMS Events & Club Shows

June 28 - 29: CULVER CITY, CA
Culver City Rock & Mineral Club
Veterans Memorial Auditorium
4117 Overland Ave
Hours: Sat 10 - 6; Sun 10 - 5
Contact: Janice Metz
Email: janicemtz@yahoo.com
Web site: www.culvercityrocks.org/fiesta.htm

Aug 1 - 3: Orcutt Mineral Society
Nipomo, CA (Santa Maria)
Fri/Sat 10 - 5; Sun 10 - 4
Nipomo High School, 525 North Thompson Avenue

NWFMS Events & Club Shows

June 19-22: PRINEVILLE, OR Prineville Rock Club, Crook County Fairgrounds S. Main Street Thurs through Sat 9-5; Sun 9-4 Free Admission, Field trips and lots of dealers. Contact: Rebecca Buss (541) 968-2156

June 25-29: MADRAS, OR All Rockhounds Pow Wow Club of America Email: Madraspowwo@hotmail.com Web site: www.allrockhoundsamerican.com

July 3-6: SISTERS, OR 18th annual sisters Round Up
Sisters Elementary School 611 E. Cascade Ave. Thurs through Sat; 9-6 & Sun 9-4 Contact: Jean Miller (971) 219-0323 web site: www.ogmshows.com

August 8 - 10: North Bend, OR
Far West Lapidary & Gem Society
11am – 5pm
North Bend Community Center 2222 North Broadway

August 15 - 17 NFMS Federation Show
Hermiston, OR
11am – 5pm
Hermiston Conference Center, 415 South Highway 395

RMFMS Events & Club Shows

Jul 11 – 13: Tulsa, OK
RMFMS/AFMS Convention
Tulsa State Fairground, East 21st Street,

Aug 1 – 3: Prescott Valley, Az
Prescott Gem & Mineral Society
Tim's Toyota Center, Glassford Hill & Florentine Rds.

Aug 30 – 31: Silver City
Grant County Business and Conference Center
3031 US Hwy 180 at 32nd Street, Silver City. NM

California Shows And Events

2014

August 23 - 24: SAN FRANCISCO, CA
San Francisco Gem & Mineral Society
S. F. County Fair Building, Golden Gate Park
9th Avenue & Lincoln Way
Hours: Sat 10 - 6; Sun 10 - 5
Contact: Ellen Nott
Email: ellen_nott@yahoo.com
Website: www.sfgemshow.org

September 20 - 21: CHICO, CA
Feather River Lapidary & Mineral Society,
Oroville
Silver Dollar Fairgrounds
2357 Fair Street
Hours: Sat 9 - 5; Sun 9 - 4
John Scott, (530) 343-3491
Email: jweazel@sbcglobal.net
Website: www.featherriverrocks.org

September 27 - 28: MONTEREY, CA
Carmel Valley Gem & Mineral Society
Monterey Fairgrounds
2004 Fairgrounds Road
Hours: Sat 10 - 6; Sun 10 - 5
Contact: Janis Rovetti, (831) 372-1311
Email: janis12@sbcglobal.net
Website: www.cvgms.org

September 27 - 28: SANTA ROSA, CA
Santa Rosa Mineral & Gem Society
Wells Fargo Center for the Art
50 Mark West Springs Road
Hours: Sat 10 - 6; Sun 10 - 5
Jolene, (707) 528-761S
Email: Jolene@srmgs.org
Website: www.srmgs.org

September 27 - 28: LODI, CA
Stockton Lapidary & Mineral Club
Lodi Grape Festival Grounds
413 East Lockford Street
Hours: 10 - 5 daily
Contact: Jerold Kyle, (209) 368-9411
Email: jeroldkyle@yahoo.com
Website: www.stocktonlapidary.com

October 11 - 12: ANDERSON, CA,
Shasta Gem & Mineral Society
Shasta County Fairgrounds, Briggs
Street, Hours: Sat 9 - 5; Sun 10 - 4
Steve Puderbaugh, (530) 604-2951,
Email: steve@applyline.com
Website: www.shastagemandmineral.com

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 Cali-
fornia Federation of Mineralogical Societies
website: www.cfmsinc.org

Additional Resources:

American Federation of Mineralogical
Societies website: www.amfed.org

American Lands Access Association
website: www.amerlands.org

CO-OP website: www.coop.freesevers.com

Field Trips

The Lithophiles are planning a Field Trip to Black Chasm Cavern on June 21. The cavern charge \$15 for Adults and \$8 for Children 12 and under. The caverns are about 2 to 2-1/4 hours from Livermore and are located at 15701 Pioneer Volcano Rd., Volcano, CA. If you are interested please contact Bill Bish at bcbish@att.net, or Lee Davisson leedavisson@sbcglobal.net

Livermore Valley Lithophiles

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We're on the Web at www.lithophiles.org



Elected Officers and Club Information

Elected Officers:

President	OPEN
V. President	Lee Davisson (leedavisson@sbcglobal.net)
Secretary	Molly Alexander (925) 606-6977
Treasurer	Bill Bish (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

Shop open every Tuesday at 7:00 PM

General Meeting June 12th, at 7:30 PM
Board Meeting June 26th 7:30, At the SHOP