

Livermore



Lithogram

Volume XXXX, Number 5 & 6 **Livermore Valley Lithophiles**
May - June 2015 **Livermore, California**

Next General Meeting:
 Thursday, September
 Community Room
 7:30 PM

Program:

Next Board Meeting:
 Thursday, June 25, 2015
At the Shop
 Members are welcome to attend!

Meeting Location: Livermore Library Community Room

Refreshments:

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Presidents Message:

The Presidents Message can be found on Page 5.

I am back in business for the next Lithogram, this one has minutes of several of the past meetings.

This issue has the last on the Museum articles that I have been producing.

SORRY! For the Lithogram problems.

Bill

Minutes of the General Meeting

April 9, 2015

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

Richard Streeter and Oscar Langdon are new members and they like to collect rocks and minerals.

Beading Buddies – next meeting is at Dick Friesen's house on Saturday, April 25, 2015, 1:00-4:00 pm.

May 14, 2015

The meeting was called to order at 7:44 pm.

Bill Bish and Lee Davisson will bring refreshments for the meeting on June 11.

No *Lithogram* this month until Bill Beiriger's computer is fixed.

Last Board meeting – approved to pay for web hosting network domains through February 2017.

Shop – Water shields for wheels have arrived. Their assembly required adapting the new shields to the old drainage system. Each of the approximate 30 display cases has its own problems. Therefore, we will be sending them to a qualified psychiatrist....Sorry, got off on a tangent.... The cases need to be refurbished: fix the corners and hinges, clean and paint them. We need the shop foremen and volunteers who know the cases' individual problems to diagnose and prescribe medication....Sorry, did it again....to repair the problems. After the display cases are repaired and painted, the lighting needs to be changed. And after all that work, rumor is going around about a potluck....

Schools – Bill Beiriger did a Boy Scout troop at Our Savior's Lutheran Church. He is working on saw systems for thin sections for the 4-H Program.

Treasurer – Bill Bish will present a 4-year financial summary at the next Board meeting and also at the June 11 General meeting.

Buckets and More Buckets – Bill Bish picked up 18 buckets of rocks that a man in Hayward donated. The quality of the rocks is questionable. Bill Beiriger picked up buckets of rocks and minerals in Houghson, south of Modesto, this material will be for Grab Bags. Their quality appears to be good.

The following people have volunteered to set up a display case at the Alameda County Fair this year: Andrea Rodriguez, Bill Beiriger, and Patty Iannucci, Andrea is the Chairperson. The case is provided by the fairgrounds.

Vice-President Tom Johnston presented: **Do we really want to expand our organization?**

President Lee Davisson thinks we need to expand and reach out to the community. We have a gap between us and youth and new members.

What do we have to offer new members? Shop, Presentations, Knowledge, Field Trips.

Expansion Goals:

1) Stimulate interest in Earth Science - recruit youth by tapping into social media groups; expand club's community; create a web-based communication platform for blogging, publishing, and posting.

2) Increase membership - allow nonresident members to join club.

3) Increase revenue - do eCommerce retail sales – Web Master of eCommerce, Web Hosting Co., operating software (site engine). Site user interface platform - \$3000 to create platform and have one month of support and training.

Set up a control group to monitor what goes on the site.

4) Create name recognition – create a web-based club name that addresses earth science, geology, lapidary, rocks, minerals, gems, etc. Lithophiles = microorganisms that can live within the pores of sedimentary and fractured igneous rocks.

Platform Support Groups

Platform Manager Library Membership

Retail Youth Groups Social Media

Education Publisher Bulletin Board

Start with developing new, updated Website. Add components one-by-one.

**School Report
Bill Beiriger**



**Cub Scout presentation April 10 at Our Savior's Lutheran Church.
There were 19 Scouts from Cub Scout Pack 939 and 23 parents.**

Minutes of the Board Meeting

April 23, 2015

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

June 4, 2015 is the deadline to extend the e-mail account. Dick motioned that we extend the account for another year. Molly seconded the motion, and all present voted in favor of extending the e-mail account. The website account has 2 more years.

Shop: Should we raise the fee? The shop fee has always been \$2 since its creation during the Paleolithic Period; however, the shop has been losing money since the Bronze Age. Dick is buying the covers for the wheels.

Lithorama: We have a new contract for the dealers.

Discussed having a field trip to the Federation rock and mineral show in Lodi on June 12, 13, or 14, 2015.

Bill Bish recently taught 4 science classes at the local elementary schools, and two weeks ago, Bill Beiriger did a geology presentation to a Cub Scout Pack.

May 28, 2015

Present: Lee Davisson, Bill Bish, Bill Beiriger, Molly Alexander, Dick Friesen, Tim Rose

Lodi Show – June 12, 13, 14, 2015

Talk to Jenny about having a booth at Farmer's Market in Livermore.

Shop: At the next general meeting on June 11, 2015, vote on whether to open shop on a second afternoon. Jenny would bring home-schooled kids and require them to be members. 4-H Clubs in San Ramon and Pleasanton need someone to do leadership training and lead the two groups in the shop.

Treasurer: Shop = \$2 per person, increase the fee? Rent and insurance = \$600 per year

Lithorama: Tim rose will be in charge of Lithorama. Vendors must have certificate of insurance. Dick Friesen has contacted all vendors and the same ones will participate this year. The booth fee will not increase.

Suggestions for outside The Barn during Lithorama: gold panning for kids and other activities, and food vendor

Stuff to do:

- 1) Need to repair the approximate 30 display cases.
- 2) Need to go through buckets at Nancy's house.
- 3) The Glow Room needs more display objects.

Generosity of Time

Below are pictured two examples of ancient architectural achievements that have been restored in recent history. The first example is the cathedral at Monte Cassino in Italy. This religious site has a long history originating in pre-Roman empire and had evolved to an artistic wonder after several destructions and re-buildings. The most recent and most devastating was when allied bombers destroyed the site during WWII (pictured on left). A remarkable reconstruction campaign was launched that restored the cathedral to an amazing level of beauty, as can be seen in the example on the right of ornate stone inlay on one of the many tombs.

The second example is from the pre-Greek trading center in Samarkand, Uzbekistan and one of the three mosques forming the Registan, constructed during the 13-16th centuries when this city was the center of regional power. On the left is a photo taken prior to formation of the Soviet Union and shows the level of decay that evolved over the centuries of neglect. Under Soviet rule a large effort was initiated to restore the ornate beauty of these structures, as shown by the example on the right.

I illustrate these two examples to point out that neither one of these restoration projects would have been successful if artisan skills had been lost over time. However, in both cases the passing down of these skills from one generation to the next had continued within the particular region so that methods and materials were readily available to pursue the restoration activities.

It may sound like a stretch, but the same can be said of the lapidary hobby. Those of you who have been involved with the lapidary arts for many years and feel you have reached a certain level of achievement, think back to when you first learned? Did you teach yourself everything? It's unlikely. More often than not, there was someone with advanced skills who was *generous with their time* and showed you the ropes. It's this *generosity of time* that is the most essential ingredient that ensures the passing-on of the hobby skills to the next generation.

I urge all of you to consider how you might contribute more volunteer hours to promote the lapidary arts, either during shop hours, shows, fairs and similar demonstrations. Young people eager to learn deserve your time.

Lee Davisson

Monte Cassino Cathedral



Samarkand, Uzbekistan



Quiz Question:

Name the quarry that produced the material for the Elgin Marbles

Geological Museums in the United States and Canada.
Royal Tyrrell Museum - Drumheller, Alberta, Canada
Compiled by Bill Beiriger

A major part of the Royal Tyrrell Museum is devoted to Cretaceous Alberta of over 69 million years ago. Scientists conducted field studies of the Dry Island Buffalo Jump Provincial Park finding a mass grave of at least 22 *Albertosaurus sarcophagus* skeletons. The 'Lords of the Land' gallery houses several of the *Albertosaurus* skeletons along with *Tyrannosaurus rex* who leaved a few million years after *Albertosayrus*. The Cretaceous was a semi-tropical ecosystem and it was a time of a larger diversity of plant life.

Atrociraptor marshalii, meaning 'savage thief' was another dinosaur that roamed the area near the museum. This animal was a small theropod dinosaur that is closely related to the feathered dinosaurs from China.

There are also *Triceratops*, *Euoplocephalus* and many other species on display at the museum.

You can also visit the Burgess Shale display, the Devonian Reef, the Fossil Preparation Lab and several other displays.



Tyrannosaurus rex



Albertosaurus sarcophagus



Triceratops



Euoplocephalus



Woolly Mammoth

Measuring almost 10 feet tall at the shoulder and weighing five to eight tons, the Woolly Mammoth migrated across the Bering Land Bridge into Northern Canada and North America 100,000 years ago. They coexisted with early humans until the end of the Pleistocene 10,000 years ago. On Wrangel Island in the Russian Federation small groups did not die out until 4,000 years ago.

During the Ice Age the Woolly Mammoths had the company of Mastodons, Bison, Saber-Toothed Cats and many other animals that are now extinct. This extinction was more than likely do to climate change with the melting of the ice that covered most of the Northern Hemisphere.

**Beading Buddies
May 30, 2015**



A new bracelet kit project will be available for purchase in a variety of colors.



Please bring your own beading needle (size 10 or 12) and mat if possible.

We will be making some ornaments for Christmas in July.

If you have any questions email or call me. Pat 443-6122

**Next Beading Session Saturday, June 27, 1-4pm at Dick Friesen's house.
787 Joyce Street, Livermore**

Shop Report

Frank Gouveia

The shop has seen a steady flow of people coming in during the past few months since the last report. We have had some new members joining and prospective people stopping by to visit the shop as well. The new grinding wheel trays have come in and now we are working on the best way to plumb them into our existing water and drain system, a work crew will be formed to tackle this task. A new case of paper towels were purchased since we ran out of the last load. The 4H members continue to hone their skills at the shop and there is discussion about Jenny Siders bringing in her home school kids to work at the shop on days other than Tuesday. Shop use fees will be going to \$5 per visit effective immediately to offset some of the cost of running the shop and keeping with the fees being charged by many other clubs. The \$2 fee was about as old as some of the rocks down there. Slabs continue to be cut for the Lithorama silent auction and sale by club members from donated material and old stuff lying around. I have welded together a new clamping device for the slab saws to hold odd shaped and smaller sizes that are not able to be safely clamped in the existing standard wood vise jaws. If you're interested in what it looks like you can see it at http://www.pugetsoundknappers.com/how_to/Round_Rock_Clamp.html I also donated a ring size gauge to the shop that I won during the raffle at our last meeting. In closing I would like to ask all my fellow Foreman to please take some pictures while you oversee things down at the shop, it's nice to get visuals of what people are doing and working on.

Thanks

If you would like to use the shop earlier than 7pm contact Richard Ochoa for his early bird days.

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

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

Shop Forepersons:

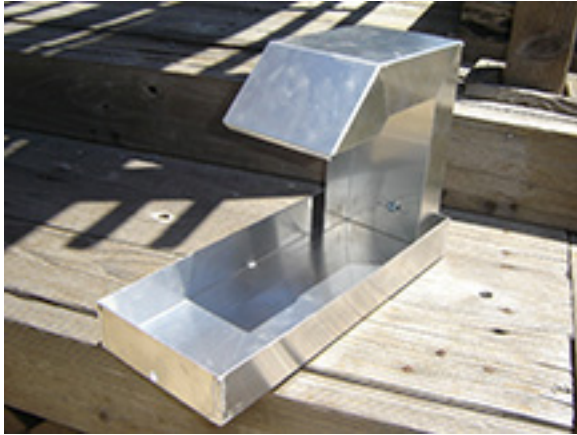
1st Tuesday – Stephanie Goldsmith

2nd Tuesday – Frank Gouveia

3rd Tuesday – Tom Johnston

4th Tuesday – Richard Ochoa

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



Bench Tips by Brad Smith More BenchTips by Brad Smith are at FaceBook [facebook.com/BenchTips](https://www.facebook.com/BenchTips) or at groups.yahoo.com/group/ Get all of Brad's bench tips in "Bench Tips for Jewelry Making" on Amazon .com

INVENTORY RECORD

In an ideal world each of us has a complete pictorial record of all pieces of jewelry in our inventory. We use it for insurance. We use it as a record of what was sent out on consignment. We use it to remember which items we are taking to a show. And eventually, we use it as a record of what we have sold.

Unfortunately, we don't always have time to take good pictures for the inventory. In situations like this I've been able to make a quick record with the help of a color copier. Simply place a number of pieces face down on the glass and make a copy. The quality is more than sufficient for an accurate record.

Flintknapper - Primitive Skills Demonstrations:
Ken Peck, Mineral & Gem Society of Castro Valley.
Photos from the March General Meeting, by Jennifer Siders



California Shows And Events

2015

August 22 - 23: SAN FRANCISCO, CA,
San Francisco Gem & Mineral Society, San Francisco County Fair Building, 9th Avenue & Lincoln Way, Hours: Sat. 10 - 6; Sun. 10 - 5, Contact: Ellen Nott, Email: ellen_nott@yahoo.com, Website: www.sfgms.org

August 29 -30: CONCORD, CA
Contra Costa Mineral & Gem Society
Centre Concord
5298 Clayton Road (near Ygnacio Valley Rd.)
Hours: 10 - 5 daily
Contact: Harry Nichandros, (925) 289-0454
Email: show-c@ccmgs.org
Website: www.ccmgs.org

September 19 - 20: CHICO, CA
Feather River Lapidary & Mineral Society, Oroville
Silver Dollar Fairgrounds, 2357 Fair Street
Hours: Sat 9:30 - 5 daily
John Scott, (530) 343-3491
Email: jweazel@sbcglobal.net
Website: www.featherriverrocks.org

September 19 - 20: REDWOOD CITY, CA,
Sequoia Gem & Mineral Society, Community Activities Building, 1400 Roosevelt Avenue,
Hours: 10 - 5 daily, Contact: Carol Corden,
Email: cordencarol@yahoo.com, Website: www.sequoiaagemandmineralsociety.org

September 26 - 27: 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

September 26 - 27: SANTA ROSA, CA,
Santa Rosa Min-eral & Gem Society, Wells Fargo Center for the Arts, 50 Mark West Springs Road, Hours: Sat 10 - 6; Sun 10 - 5, Contact: Jolene, (707) 528-7610, Email: Jolene@srmgs.org, Website: www.srmgs.org,

October 17 - 18: PLACERVILLE, CA,
El Dorado County Mineral & Gem Society, El Dorado County Fairgrounds, 100 Placerville Drive, Hours: 10 - 5 daily, Contact: Karen Newlin, (530) 676-2472, Email: info@rockandgemshow.org, Website: www.eldoradorocks.org
Show Page ,

October 24 - 25: LOS ALTOS, CA,
Peninsula Gem & Geology Society, Los Altos Youth Center, One No. San Antonio Road, Hours: 10 - 5 daily, Contact: Steve Jobe, (408) 834-5384, Email: steve_job@sbcglobal.net, Website: www.pggs.org,

November 21-22: LIVERMORE, CA
Livermore Valley Lithophiles
Lithorama 2015 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

Additional Resources:

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

American Lands Access Association website: www.amerlands.org

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

Field Trips



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Livermore Valley Lithophiles

Elected Officers and Club Information

Elected Officers:

President Lee Davisson (leedavisson@sbcglobal.net)
V. President Tom Johnston (tj5646@gmail.com)
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:
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Shop open every Tuesday at 7:00 PM

General Meeting September, at 7:30 PM
Board Meeting - June 25, 7:30 PM