

Livermore



Lithogram

Livermore Valley Lithophiles

Livermore, CA

Next General Meeting

August 6, 2016

11:30am

Mary Nissan Park
Summer Picnic!

Program: Picnic

Refreshments: Everyone!

Next Board Meeting

Thursday, TBA

7:30pm at the Shop

All Members are welcome
to attend!

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Summer Picnic

Please save the date Saturday August 6. We have a reservation at May Nissan Park for 11:30 and hope everyone can join us for Bocce Ball (aka Petanque), hot dogs, shared potluck dishes, and more.



Lithophile Case at Alameda County Fair



State Fossils

Delaware State Fossil

Bill Beiriger

Belemnitella americana, Belemnite's are an extinct order of cephalopods which were a squid-like animal, the name comes from Greek and means dart or javelin because of its shape. Belemnites had ten arms of equal length, whereas modern day squids have eight arms of equal length and two longer tentacles. Other animals in the group are the squid, octopus, cuttlefish and nautilus. The arms had a series of 30 or more hooks on them for catching and holding prey. The part of the animal we normally find as a fossil are from the rear of the animal and is known as the Rostrum. In front of the rostrum was the Phragmocone, which contained chambers for buoyancy control. In many cases the rostrum is made of calcite and the phragmocone is made of aragonite.

The Delaware fossils come from the Mount Laurel Formation, Late Cretaceous about 70 million years ago. As a whole group Belemnites lived from the Lower Jurassic until the Upper Cretaceous Periods, 200 to 70 million years ago.

Belemnites were adopted as Delaware's State Fossil in 1996.



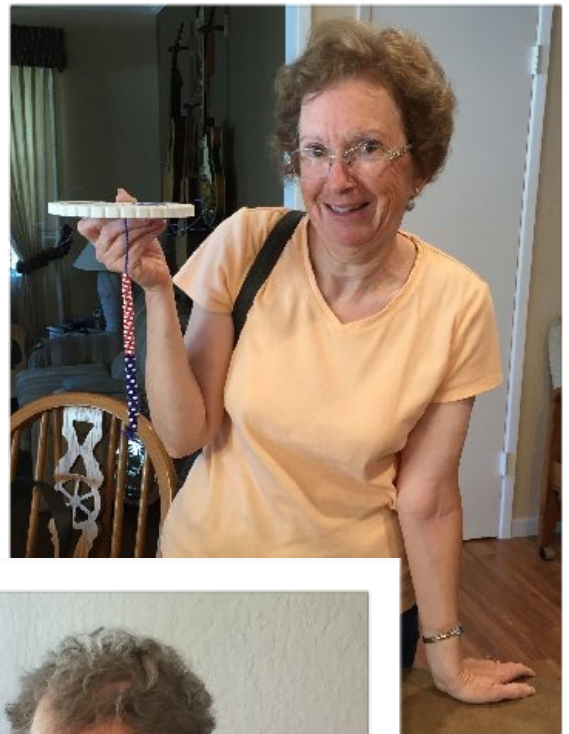
Complete Fossil (L – R)
Guard, Mantle and Arms
with Hooks



Beading Buddies



We met last Saturday and made a patriotic kumihimo bracelet. Here are a few pictures. Next session will be Saturday July 23, 1-4pm at Dick and Andrea's, 787 Joyce Street. We will have Christmas in July, making an ornament.



**Here is a suggestion for a
Non Collecting Summer Field Trip
Two Museums within a two-hour drive.
Bill Beiriger**

One stop would be to the **Great Valley Museum at Modesto Junior College**. The museum is located at the West Campus off Blue Gum Avenue near highway 99 in Modesto. Take the N. Carpenter Rd. / W. Briggsmore Ave. off Hwy 99. The museum is about one hour south of Livermore.

This museum covers most of the animal and plant habitats of the Central Valley and the Mountain areas of California. There is a large taxidermy stuffed animal collection shown in their natural habitats. Included are small and large birds, small animals and large animals like deer and mountain lions.

The Planetarium is one of the BEST in the United States. They have a great show about the stars and planets. It starts with a musical introduction that is different than I would have ever expected for a science-based program. A major portion of the planetarium production is from the California Academy of Sciences

There is a very nice educational exhibit that deals with the Periodic Table of the Elements; the exhibit contains most of the element so you can see what they look like.

You will be disappointed if you are looking for minerals or fossils. They had a couple of fossils that were removed and taken to the U. C. Berkeley Paleontology Department. There are a couple of photos of fossils that were removed and there are a few minor fossil samples in the display.

The Museum price for adults is \$5, seniors \$4 and youth (4-12) \$3.

The Planetarium price for adults is \$6, seniors is \$5 and youth (4-12) \$4, (this is an extra fee). The

Planetarium show has a maximum presentation time of 45 minutes.

The other stop would be to the **Fossil Discovery Center of Madera County**, located at Chowchilla, CA. The museum is about one hour farther south from the Modesto Museum right off highway 99.

This is a Paleontology museum that contains mostly fossils from the Fairmead Landfill. They have found Mammoths, Horses, Saber-Tooth Cats, Short Faced Bear, Sloth and many other animals with a total of 39 different types of animals from the location.

The price for adults is \$8, seniors & military \$6 and students \$4.

Molly Alexander and I went to the Fossil Discovery Center after the Turlock Mineral Show and we were both very impressed with the museum in general and with the displays.

Sue Fernandez and I went to the Great Valley Museum and we both found it to be one of the BEST local museums in the San Francisco Bay area.

My suggestion would be to go to Modesto first, they open at 9:00; and if you want to go to the Planetarium show they are only offered at 11:00 and 1:00, (**only on Saturdays**). We can bring picnic lunches and enjoy them on the museum grounds. Then we could continue on down to Chowchilla for the second museum, which closes at 4:00. It is about a two hour-trip back to Livermore.

We can leave Livermore at 8:30 and finish at the second museum by 3:00 and be back in Livermore by 5:00.

If members are interested in these museums as a summer field trip, please send me dates you may be interested in, if you want to include the planetarium this trip **MUST BE on a Saturday**. Please let me know 443-5769 or email at info@lithophiles.com

Minutes of Board Meeting May 26, 2016

President Lee Davisson opened meeting at 1925 hours. Present were: Bill Bish, Bill Beiriger, Dick Friesen, & Andrea Rodriguez. Vice President Stephanie Goldsmith was also present, arriving a few minutes late.

First item on the agenda was the subject of the Alameda County Fair Case, which is being coordinated by Bill Bish (Treasurer). Bill indicated that he had submitted the case entry application but had to change the classification from "Class 6 – Mineral & Gem Adults" to "Class 7 – Group & Society."

An email to the general club members outlining the items to be submitted for enclosure in the case "Crystals of the World," has been sent with a request for mineral specimens, we will need approximately 20 specimens. Bill stated that the set-up for the case will be on Friday, 6-10-2016, from 0800 – 2000 hours. Bill said he would also ask Tim Rose for some submittals, as he is a collector also. Bill indicated that he needed cloth coverings for the inside of the case.

Bill Bish introduced the subject of a pending Audit of the Lithophiles, and stated that he had contacted Beth Meyers regarding same. Beth stated that while she would be receptive to doing the audit, her vision is too badly compromised by cataracts to do the audit. Stephanie was asked if her husband could possibly do the audit. Stephanie said she would ask her husband. Bill Beiriger stated that he would contact the Arts Council to ascertain who does the audit for their group.

Bill Beiriger introduced the subject of the repairs to the Shop at the Barn, to include the heater installation. Lee Davisson and Bill Beiriger met with City employees regarding the floor flooding and the installation of a heater in the Barn. Bret representing the City of Livermore and Fred Holzer from the RecCenter

stated that "the city would pay for the upgrades, or we could go ahead with the upgrades and bill the City for re-imbusement of repair/upgrade costs. Bill Beiriger informed the City representatives that we as a club, have a qualified electrician as a member, who might be willing to do the labor if the City would cover the materials. In their discussions with Fred Holzer, the actual power loads on the electrical panel will be listed by him so that whatever Title 24 requirements needed will be met. Dick Friesen suggested that the Shop needs at least a 20 amp Circuit.

Additionally, Bill Beiriger reported that the repeated flooding of the shop during the winter months was discussed with the City Representatives mentioned above. The City reps indicated that they would do the work, which might entail actual trenching of a French culvert in the street side of the Barn. They stated that they would prefer to do it during the "dead time" at the end of summer.

Stephanie Goldsmith stated that there was no fire extinguisher in the shop. She also stated that she had donated dopping wax to the club, but when the club order of wax arrives that she expects to be reimbursed, in kind.

The subject of tumbling members' stones in the shop was discussed briefly, since the club does have the equipment. Stephanie Goldsmith would like members to be able to check out the equipment and use it at their homes, as a sort of "home loan" program. She also stated that the grinding stations need a plastic shield in the front of the machine to deflect water away from the user. Bill Beiriger stated that he would take care of the problem. Stephanie also indicated that there was a very loud noise coming from one of the machines, and that the belt needed to be replaced. Bill Beiriger and she examined it and saw that there was a belt/pully problem, which he was able to rectify at the time. The belts in question had been replaced in January 2016, so should not have needed replacement.

Minutes cont.

Stephanie Goldsmith transferred the Shop “money” over to Bill Bish. She also stated that there was some interest expressed by members at the shop regarding PMC (Precious Metal Clay), silver-smithing, and other jewelry making methods. Lee Davisson stated that he would bring up this subject at the general membership meeting for discussion, and survey the actual interest in other jewelry fabrication disciplines.

Stephanie also introduced the subject of advertising in Rock and Gem for our upcoming shows. Bill Bish offered to show Stephanie what info he puts into the Livermore Independent, since she offered to do the submittal to Rock and Gem.

There was additional discussion regarding members buying shop fee cards, which would give them a “deal.” Stephanie Goldsmith stated that the club has done so in the past, where a member could purchase a block of “shop fee tickets” which would give them a free night at the shop when purchased in advance and in a block of several denominations. Stephanie volunteered to make up posters to advertise the cards to be sold at the shop.

Bill Beiriger volunteered to contact Luther from Cal State East Bay who was a past recipient of the Brunton Compass (a precision compass made by Brunton, Inc., which the club awards to two students a year based on their stated major at the colleges, in the Earth Sciences, eg. Geology, etc.), to come and give a presentation at one of our General Meetings. It is hoped that he could provide information regarding the award and how it assisted him and other students in pursuing an earth science study and career.

Bill Beiriger stated that he is opting out of further “school presentations.” Bill Bish is presenting a Science Night on June 1, 2016. The subject will be fossils. Stephanie Goldsmith volunteered to do “Rock Cycle.”

Dick Friesen submitted a copy of the “Form for Vendors” contract, which was approved, and stated he would send these out immediately to the invited attendees (eight in number). Bill Bish submitted questions about the show insurance. It was discussed and settled, the City of Livermore required a business license of the vendors, which was a vendor/City function, which the club will not be involved with the policing of same. The insurance carrier for the Lithorama was changed and in so doing, Bill Bish was able to keep the cost to the vendors at the same amount (this amount is folded into the cost per linear foot for the table/booth space). It was, therefore, decided that this footage fee would not increase this year for the upcoming show at the Barn. Additionally, if any of the fees encumbered by the Club increase, it was decided by the board that the Club would “eat the increase” this year, since the contracts will have already been sent out, signed and agreed to.

Lee Davisson stated that the current membership is at 30 members and last year the club consisted of 40-42 members. Also, that there are still some outstanding dues owed by regular members.

It was also reported that the San Leandro Library Event would be attended/represented by Charlie Siders and Grace from the 4H Club members. Rich Hunt suggested they should identify rocks and minerals for the public that attends the library event. Jenny Siders, the adult moderator for the 4H participants, had told him previously they would do what was done previously for the Lithorama. It was also suggested that the volunteers attend a shop instruction session to provide them with the information necessary to be able to identify rocks and minerals at the Library.

Meeting concluded just after 1900 hours.

Lithophiles Out and About!



Sioux Falls River Park, SD

Photos provided by Bill Bish.



California Shows & Events

August 5-7: PLEASANTON, CA

Gem Faire
Alameda County Fairgrounds
website: gemfaire.com

August 13 - 14: 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, (415) 564-4230
Email: ellen_nott@yahoo.com
Website: www.sfgemshow.org

September 16 - 18: PLACERVILLE, CA

77th CFMS Show & Convention
Hosted by El Dorado County Mineral & Gem Society
El Dorado County Fairgrounds
100 Placerville Drive
Hours: Fri - Sun 10 - 5 daily
Contact: Barbara Terrill, 530 676-2375
Website: www.cfms2016show.com

September 24 - 25: 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: janisr12@sbcglobal.net
Website: www.cvgms.org

September 24 - 25: 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
Contact: Jolene Coon
Website: www.srmgs.org

September 24 - 25: LODI, CA

Stockton Lapidary & Mineral Club
Lodi Grape & Harvest 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 8 - 9: GRASS VALLEY, CA

Nevada County Gem & Mineral Society
Nevada County Fairgrounds (Main Building)
11228 McCourtney Road
Hours: 10 - 5 daily
Contact: Todd Lawson, (530) 305-9212
Email: webmaster@ncgms.org
Website: www.ncgms.org

October 22 - 23: 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_jobe@sbcglobal.net
Website: www.pggs.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

Livermore Valley Lithophiles

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We're on the Web at www.lithophiles.org & www.facebook.com/Lithophiles/

Elected Officers & Club Information

Elected Officers:

President Lee Davisson
leedavisson@sbcglobal.net
V. President Stephanie Goldsmith
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 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:

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