



# Livermore

# Lithogram

Livermore Valley Lithophiles

Livermore, CA

## Next General Meeting

**August 12, 2018**

11:30am

Mary Nissen Park

**Program:** Lithophile Picnic

**Refreshments: Potluck**

## Next Board Meeting

4th Thursday of August at the Shop.

All Members are welcome to attend!

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## President's Message

by Bill Beiriger

I want to thank the members who have been coming to the General Meetings.

Well summertime is here; at least that's what the thermometer is telling me.

We will try to have a field trip to a couple of museums during the next two months. We will try to go to the museum at Modesto Junior College in the morning and the Paleontology Museum in Chowchilla in the afternoon, with a picnic lunch in between.

WHAT I NEED FROM THE MEMBERS IS TO LET ME KNOW WHICH SATURDAY BETWEEN JULY 21 AND AUGUST 25 WILL BE THE BEST DATE. SO PLEASE SEND ME THE BEST DATE OR DATES FOR YOU: send to [xyzzx@xyzzx.com](mailto:xyzzx@xyzzx.com)

We will have the Lithophiles Picnic on August 12 at May Nissen Park; there will be a note sent closer to the picnic as a reminder.

The 4-H members will demonstrate lapidary projects at the Dublin Farmers Market. We will be at their Third Thursday Family Night on August 23 and September 20. I hope we can get a few new members from this adventure.

The shop needs a lot of work and it must be cleaned up. I am looking for some new shop foremen to run the shop; these people MUST have the shop open ON TIME. We had several new members show up at the shop and leave because it didn't open on time.

We still need two or three Shop Foremen to help run the shop. Adam Heinke is our newest Shop Foreman; thank you Adam.

We presented two Brunton Transit Scholarships to two CSUEB students; Nicole Lushbaugh and Jeff Elefante.

Have a Great Summer.



# State Fossils

## Vermont State Fossil

Bill Beiriger

*Delphinapterus leucas*, Beluga Whale, the name means White Whale. Most of the fossils that I have reported on in the Lithogram have been found only as fossils, but this is one of those that are still living on Earth today. The whale fossil was found in Charlotte, Vermont and is 11,000 years old.

During the construction of the Rutland and Burlington Railroad in 1849 a whale was found in the deposits that were left behind in the Champlain Basin that was formed when the Atlantic Ocean flooded it about 12,500 years ago.

The males can achieve a length of 18 feet and weigh in at 3,000 pounds and the females can get to 13 feet and weigh up to 2,000 pounds. They have teeth and they have a 'melon' shaped area on their forehead.

It became the Vermont State Fossil in 1993.



## Brunton Scholarship Winners



This year the Scholarships were presented to Nicole Lushbaugh and Jefferson Elefante.

The photo is of the scholarship winners with Bill Beiriger, President of the Livermore Valley Lithophiles.

Photo by: Luther Strayer.

## Minutes of the Lithophile General Meeting

**June 14, 2018**

### CSUEB Scholarships

Nicole Lushbaugh and Jefferson Elefante are the recipients of the 2018 Brunton Transit Scholarships. They will be using the transit during their fieldwork this summer. Nicole attends the University of Oregon; Jeff graduates from Cal State East Bay at the end of fall semester.

### Suggested Field Trips

1. Modesto Junior College Museum and Planetarium show – not open on Sundays
2. Paleo Museum in Chowchilla, Madera County, with fossils collected from nearby landfill
3. Cemex, a sand and gravel company on Stanley Blvd. – tours are on Saturday mornings
4. Arizona Tile Company located behind the Livermore Lab – open on Saturdays 8am – 3pm

### Dublin Farmers Market

Bill Beiriger received the contract necessary to have a table at the market.

### 4-H Members

Bill Beiriger will be the primary instructor for the 4-H Slate Carving Project. Members who want to help are more than welcome. The relief carvings on ¼” or 3/8” slate, gray to golden and red colors, will be done in the shop. Bill bought some inexpensive tools and is looking to buy more. He would like to buy 2 coarse riffle file sets and 1 fine riffle file set with a total price about \$75. The files will be used for other member classes in the future.

### Lithorama

Bill Bish is the chairperson. The first of our dealers has sent in their booth fee. Ed Rigel from Applegate has confirmed that he will be the fossil dealer.

### Programs

At the last meeting, about 24 members and most of the 4-H members participated in the “Field Trip in a Bucket” looking for gems.

“The New Crystal Hunters: The Sterling Mine” was shown. Three young rock hounds take a field trip into a Zinc Mine in New Jersey. UV fluorescent lighting lights the mine.

Lukas Zimmerman suggested that a series of articles about local fossil and geological sites be added to the newsletter. In addition, he and Bill Beiriger

suggested that a series of talks about fossil locations throughout northern California is presented during meetings.

The fossil topic might attract more Tri-Valley residents to the meetings. Bill Beiriger will research the fossil topic with local groups. Several sites, such as Calaveras Dam Project, Blackhawk Quarry, Caldecott Tunnel Project, Children’s Natural History Museum, Caltrans Projects, East Bay Regional Parks, have an abundance of resources, and are well worth visiting.

## Minutes of the Lithophile Board Meeting

**June 28, 2018**

Meeting opened at 7:30.

**Present:** Bill Beiriger, Bill Bish, Dick Friesen, Andrea Rodrigues Adam and Jill Heinke.

There are no meetings in July and August. The Lithophile **Picnic** will be at May Nissen Park on August 12.

### Field Trips

Bill Beiriger will email members to find out which Saturday they want to visit the museums in Modesto and Chowchilla.

### Dublin Farmers Market at Emerald Glen Park off Tassajara Road.

We have a table at Dublin Farmers Market on Thursday, August 23 and Thursday, September 20 from 4:00 pm to 8:00 pm. These 2 nights are Family Nights, which provide the perfect opportunity to introduce Dublin residents to the Lithophiles and Lithorama. We will have an electric outlet and can set up our tabletop grinding units. We can give out polished stones to the children. Jenny Siders will coordinate the 4-H members.

### California State University Bay Area Scholarships

Nicole Lushbaugh and Jeff Elefante each received a Brunton Transit at the June 14 meeting.

### Awards

Several Lithophile members won awards at the Alameda County Fair this summer.

Adam Heinke – Cabochon Necklace

Eric Heinke – Beading

Stephanie Goldsmith – Beaded Necklace

[\(minutes cont. on next page\)](#)

(minutes cont.)

Marilyn Janzen – Beaded Necklace

Bill Beiriger – Sand Display

### Shop

Adam Heinke now has a set of keys to the shop and he will be Foreman on the 2nd Tuesday of each month. We still need Foremen for the other Tuesdays. We are losing new members who show up only to find the shop locked.

We need to schedule “Clean Up Storage Area” and “Clean Up The Shop” parties.

We are looking at updating the shop with 3 grinding units. Each unit has six 6-inch diameter wheels = 2 metal-bonded diamond wheels and 4 resin-bonded diamond wheels.

We are rewriting the Shop Use Rules and the Shop Foreman Rules. We are planning a Shop Training Class for all active Foremen.

We may have all shop users and Foremen sign a form that they understand the shop rules.

### Lithorama

Bill Bish - waiting for checks to be sent for the dealer spaces.

### 4-H Members

We will have a Slate Carving Project for the 4-H members. Possible dates are 1st or 4th Thursday in October and September.

### Metalsmithing Classes

Jenny Siders, Bill Beiriger, Dick Friesen, and Andrea Rodrigues had a meeting to plan metalsmithing classes that will be taught by Wendy McDermott. The first of these classes may be in August. The class will be 4-5 people and will be taught in the shop.

Wendy McDermott completed her Master of Fine Arts degree with an emphasis on metalsmithing at San Jose State University. She has taught at several colleges and universities, including Contra Costa Community College and Academy of Art University in San Francisco. Check out her website Wendy McDermott Studios. PMC, anodizing, enameling, and etching are possible future classes.

## Beading Buddies



Beading Buddies will meet on Saturday July 28, 1-4 pm at Dick and Andrea's, 787 Joyce St. It's our annual Christmas in July project. We will be making a peyote stitch snowman ring (photo above). This is a You Tube video by Kelly Dale of Off the Beaded Path.

<https://www.youtube.com/watch?v=StGFkazGDh8>

Pat

[patinfolody@aol.com](mailto:patinfolody@aol.com)



# Lithophiles at the County Fair



1st Place:  
Precious Metal Clay Bead Jewelry  
Stephanie Goldsmith



1st Place, Best of Show,  
& Best of Class:  
Hand Cut & Polished  
Cabochon Necklace  
Adam Heinke



1st Place:  
Hand Cut & Polished  
Cabochon Necklace  
Adam Heinke



1st Place, Best of Class  
& Judge's Favorite:  
Glass Blowing - Glass Orb  
Adam Heinke



1st Place:  
Sand Samples From Foreign Sister Cities  
of Northern California Sister Cities  
William Beiriger



1st Place:  
Bead Work  
Eric Heinke



1st Place &  
Judge's Favorite:  
Beaded Bracelet  
Eric Heinke



1st Place:  
Glass Bowl - Glass  
Blowing Project  
Eric Heinke

1st Place: (not pictured)  
Beaded Necklace  
Marilyn Janzen

## Craters of the Moon National Monument & Preserve

Jennifer Siders

We stopped at the Craters of the Moon National Monument in June on our way to Montana to help break up a long road trip and we were very glad we stopped. Located about 2 hours north of Twin Falls, Idaho the park has a number of interesting volcanic features. The lava fields are 15,000 to 2,000 years old. Our first stop was at the Inferno Cone, a large cinder cone (1 of 25 in the park) which forms when gas-rich volcanic froth erupts high into the air, breaks into fragments that fall as cinders around the vent, forming a cone. You can hike up a short (but steep) trail to the top.



**Inferno Cone**

We took a quick look around at the spatter cones and then headed to the Indian Tunnel, a lava tube which you can hike through. The 0.8 mile trail to the tunnel is paved but you are walking over rough terrain in the tunnel and over the top to get back to the trail. Great place to stop if you find yourself in Idaho.



**Indian Tunnel - lava tubes**



# California Shows & Events

**August 4 - 5:** SAN FRANCISCO, CA  
 San Francisco Gem & Mineral Society  
 San Francisco County Fair Building (Hall of  
 Flowers)  
 9th Avenue & Lincoln Way, Golden Gate Park  
 Hours: Sat. 10 - 6; Sun. 10 - 5  
 Contact: Ellen Nott  
 Email: ellen\_nott@yahoo.com  
 Website: [www.sfgemshow.org](http://www.sfgemshow.org)

**September 15 - 16:** MONTEREY, CA  
 Carmel Valley Gem & Mineral Society  
 Monterey County Fairgrounds  
 2004 Fairgrounds Road  
 Hours: 10 - 5 daily  
 Contact: Janis Rovetti, (831) 372-1311  
 Email: janis12@sbcglobal.net  
 Website: [www.cvgms.org](http://www.cvgms.org)

**September 15 - 16:** REDWOOD CITY, CA  
 Sequoia Gem & Mineral Society  
 Community Activities Building  
 1400 Roosevelt Avenue  
 Hours: 10 - 5 daily  
 Contact: William Spence, (408) 398-7502  
 Email: bill.spence777@sbcglobal.net  
 Website:  
[www.sequoiagemandmineralsociety.org](http://www.sequoiagemandmineralsociety.org)

**September 22 - 23:** LODI, CA  
 Stockton Lapidary & Mineral Club  
 Lodi Grape Festival Grounds  
 413 East Lockford Street  
 Hours: 10 - 5 daily  
 Contact: Mike Mathis, (510) 301-3612  
 Email: mmathis@nwp.org  
 Website: [www.stocktonlapidary.com](http://www.stocktonlapidary.com)

**October 6 - 7:** GRASS VALLEY, CA  
 Nevada County Gem & Mineral Society  
 Nevada County Fairgrounds  
 11228 McCourtney Road  
 Hours: 10 - 5 daily  
 Contact: Mitchell Frank Van Hecke,  
 (530) 274-2425

Email: 4vanclan5@att.net  
 Website: [www.ncgms.org](http://www.ncgms.org)

**October 13 - 14:** LOS ALTOS, CA  
 Peninsula Gem & Geology Society  
 Los Altos Youth Center  
 One North San Antonio Road  
 Hours: 10 - 5 daily  
 Contact: Steve Jobe, (408) 834-5384  
 Email: steve\_job@sbcglobal.net  
 Website: [www.pggms.org](http://www.pggms.org)

**October 20 - 21:** SANTA ROSA, CA  
 Santa Rosa Mineral & Gem Society  
 The Veterans Memorial  
 1351 Maple Avenue  
 Hours: Sat 10 - 6; Sun 10 - 5  
 Contact: Jolene, (707) 849-9551  
 Email: coons@sonic.net  
 Website: [www.srmgs.org](http://www.srmgs.org)

**November 17 - 18:** LIVERMORE, CA  
 Livermore Valley Lithophiles  
 The Barn  
 3131 Pacific Ave, Livermore  
 Hours: Sat 10 - 5; Sun 10 - 4  
 Contact: Jolene, (707) 849-9551  
 Email: info@lithophiles.com

## WANTED

**Shop Foremen** for  
 Tuesday evenings.  
 Will Train!

**Newsletter Editor** for  
 monthly newsletter.

*info@lithobhiles.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/](http://www.facebook.com/Lithophiles/)

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## Elected Officers & Club Information

### Elected Officers:

**President** Bill Beiriger([info@lithophiles.com](mailto:info@lithophiles.com))  
**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, 7:00 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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