

Livermore



Lithogram

Livermore Valley Lithophiles

Livermore, CA

Next General Meeting

June 9, 2016

7:30pm

Community Room
Civic Center Library

Program: Scholarships

Refreshments: ?

Next Board Meeting

Thursday, TBA

7:30pm at the Shop

All Members are welcome
to attend!

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President's Message: Summertime

Once again springtime has been too short and summer has almost arrived. This means that we need to plan our summer club activities. Firstly, our final club meeting is June 9th at 7:30 pm at the Civic Center Library where we will be presenting Brunton compass awards to two geology students from Cal State East Bay. These awards are a co-sponsored between the Northern California Geological Society and the Lithophiles educational fund. We will also have a presentation as part of the meeting, so please plan to attend and congratulate the awardees.

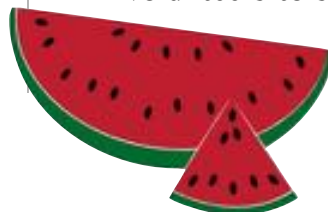
Secondly, we need to plan a club field trip. We have been throwing out a number of different ideas over the past few months, but it is now time to settle on one and a date. We do have a field trip chair, but as a club we should not put all the burden on her, so some volunteers are needed to help organize. If you like to travel and collect, show up on June 9th and be part of the discussion.

Thirdly, we will have our annual grab bag packing event for the San Leandro Library summer reading carnival that the Lithophiles contribute to each year. The event will be on August 13th in San Leandro, so we will need to have our grab bag packing sometime in the preceding weeks.

Lastly, we have the club picnic, which we usually hold it sometime in August in Livermore. We could use some

volunteers to secure a picnic site and send out notices.

Creative ideas for picnic activities are always welcome.



State Fossils

Connecticut & Massachusetts State Fossil

Bill Beiriger

Eubrontes giganteus, dinosaur tracks were first found at Greenfield, Massachusetts in the Connecticut Valley in 1836 then a second find was made in Rocky Hill, Connecticut in 1966.

They are Late Triassic and Early Jurassic in age, 227 – 180 million years old.

First discovered in 1802 in South Hadley, Massachusetts, they were thought to be from a three-toed bird. Later it was decided they were from a dinosaur, first they were thought to be from a herbivore, but in 1953 it was changed to a carnivorous theropod. The footprint remains were found in North America before any dinosaurs were ever found.

Dinosaur footprints are called Ichnites, they are a Trace Fossil; they never lived but were made by a living animal. Other trace fossils include; gastroliths (gizzard stones), Coprolites (dung), and nests.

Ichnites can tell us a lot about the lives of the animals that made them. We can learn about their foot size, the length of their stride, if they were running or walking, were there more than one type of dinosaur present and did they have their young with them.

Connecticut adopted Ichnites in 1991

Massachusetts adopted Ichnites in 1980

The Connecticut and Massachusetts track fields contained two major dinosaur groups, *Eubrontes* and *Anchisauripus*.



Beading Buddies



We had a good turnout for the session on Saturday. You'll notice my laptop computer on the table. My sister in TX often joins us remotely to bead via Skype. Jill took a picture of me since I'm never in the pictures since I'm the photographer. As you can see from the last picture, we all bead at different paces. The next session will be Sunday, **June 26, 1-4 PM** at Dick and Andrea's. Some people will be finishing up this project but we will have something new TBD.



Afternoon Shop Time

Jenny Siders hopes to open the shop twice a month through the summer for teens and other members. If you would like to help out and teach the teens some new skills, or just join us in the shop send Jenny an email at jsiders@gmail.com.

Minutes of General Meeting May 12, 2016

June 10, 11, 12 – set up display case at County Fair.

Bill Beiriger displayed his sands at the Science Fair at Croce Elementary School on Earth Day.
Zone 7 Water District had a stream bed project; could change the flow of water by applying heavy and light rain.

June 1st is Science night at Jackson Avenue Elementary School. Bill Bish will do a fossil theme project.

Treasurer – Beth Myers will do the audit in June.

Connie Bish will organize the picnic; date to be determined.

Next meeting is June 9. Scholarships will be awarded.

September 8th meeting – Pat and Rich

October meeting – show and tell and trade with the 4-H club.

Suggested field trips:

- 1) Federation Show in Placerville – September 16, 17, 18.
- 2) Cache Creek – can collect jasper and jade from dried bed.
- 3) Gold panning

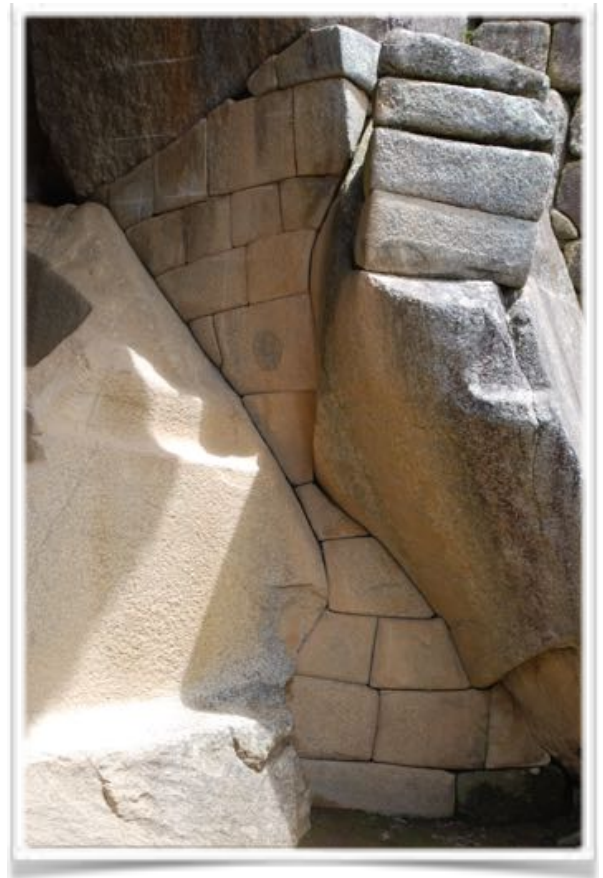
Shop – City and LARPD representatives will meet with Lee and Bill Beiriger to negotiate that the city will pay for the shop heater and the club will solve the water under floor problem.

The club will put a perforated pipe outside shop to lead water outside instead of under the floor.

Rich and Chris Hunt presented Machu Picchu and the Galapagos Islands where they had traveled in April.



Strontianite (specimen brought to May meeting)



Helical Incan stonework filling gap between rocks, Machu Picchu - Rich Hunt

Lithophiles Out and About!



From the top: Ash layers from multiple eruptions, Pahoehoe lava flow, and Submerged caldera, all from Galapagos

Right: Machu Picchu

Photos provided by Rich & Chris Hunt.



California Shows & Events

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: janis12@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

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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