

Livermore

Lithogram



Volume XXXVII, Number 7 **Livermore Valley Lithophiles**
July 2012 **Livermore, California**

Next General Meeting:
 Thursday, Sept. 13, 2012
 Livermore Library Community Room
 7:30 PM

Program: **Grab- bag stuffing,**
meet at the Barn, 6:00 on July 12

Next Board Meeting:
 At PICNIC, August 5, 2012

 Members are welcome to attend!

Meeting Location: The Barn for grab-bag stuffing



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Presidents Message:

Incomparable Independence Day Lithophiles! I hope to see you at our various summer activities over the next few months. Please remember that our next general meeting is in September, but I hope that we see you at the picnic, or the Davis Creek field trip, or for the grab-bag stuffing on July 12th (always exciting!).

The Club Picnic is set for Sunday, August 5th at Nancy Bankhead’s ranch (1340 Hartman Road in Livermore). Plan to arrive at 12:30; we’ll start eating at 1:00. It’s a potluck, so bring something yummy to share. The club will supply hotdogs and buns, just in case there’s not enough food. The picnic is always a fun time to visit and brag about the rocks or minerals that you’ve collected. We also have been known to have vicious games of petanque. I hope to see you there.

We’ve set the collecting field trip to Davis Creek for a long Labor Day Weekend, August 31st to September 3rd (stay longer if you wish). Davis Creek is in northeastern California, near Alturas, CA. You can camp near the collecting sites, or stay at any of the several hotels in Alturas. Davis Creek is known for obsidian – rainbow sheen, gold sheen, needles, etc.

Presidents Message - cont. from pg. 1

Seven members have committed to going so far, so come along and join us. On the way up or back, be sure to stop and check out Burney Falls. Contact trip leader, Dick Friesen for more information (925-447-8223 or dandjfriesen@gmail.com). More details will follow in the August Lithogram. Book a room now if you're staying in a hotel.

Lastly, please come help us at the grab-bag stuffing on July 12 at 6:00 at the Barn. --Rich Hunt

Minutes of the General Meeting

June 14, 2012

Meeting comes to order at 7:30pm, Rich Hunt presiding.

Guests in attendance: Luther Stayer, Miguel Lima, and Megan Riccobono all from Cal State East Bay.

Secretary absent, Lee Davisson recording minutes.

Announcements: Jim Gruver and Stephanie Goldsmith's father passed away. Our thoughts and prayers go out to their family.

Also, Shana Scott and Jimmy Bonilla both graduated from Livermore High School.

No corrections to previous meeting minutes.

Correspondence: Various flyers for upcoming society meetings; see California Shows and Events below.

Presentation of Bruntons: This years recipients of the Brunton Transit Scholarships were awarded to Miguel Lima, and Megan Riccobono. Both Megan and Miguel will be starting a graduate program at Cal State East Bay, Megan in marine geology and stratigraphy and Miguel in structural geology and tectonics.

Program: Luther Stayer shared with us slides taken during his recent sabbatical of Taiwan and the Islands of Penghu to the west in the South China Sea.

Summer Picnic: After discussion Aug 5th at 12:30pm was decided for this year's club picnic to be held at Nancy Bankhead's. It is a potluck and there will be a barbecue available and hotdogs will be supplied. Plan on bringing your own beverages.

Field Trip: Labor Day weekend (Aug 31 to Sept 3) was decided for this summer's club field trip to Davis Creek in northeastern California to collect obsidian. Camping is possible near the site, or several hotels are located in nearby Alturas.

Old Business: There will be a grab bag party on Thursday Jul 12 at 6pm at the shop. This is to support San Leandro Library reading program.

New Business: Shop heater is not working because the natural gas is not connected.

September Meeting: Lee and Albert will bring refreshments.

Adjourn 9pm., Lee Davisson

Minutes of the Board Meeting

June 28, 2012

MINUTES OF BOARD MEETING

June 28, 2012

The meeting was called to order at the Barn at 7:37 PM by President Rich Hunt.

Those also in attendance included Bob Trimingham, Dick Friesen and Andrea Rodrigues.

Shop Report: - Dick Friesen reported that it does not appear to be feasible to install a natural gas heater at the Shop. Instead, Dick will look into getting a propane heater replacement for the current heater. There was also some discussion on the loft winch's malfunction. Repairs or a replacement may be needed.

San Leandro Library: - We will have a "bagging party" on July 12 at 6 PM at the Shop. Approximately 500 bags need to be prepared. We need to ascertain what materials are available in the loft. Perhaps Albert Hess can look up there to see what's available? Bob Trimingham will purchase additional small bags and check what materials he may have on hand. Bob and Delores will work the August 11 event at San Leandro; Bob stated that this will be their last time so someone needs to assist them for a time at the event to see what is entailed.

Field Trips: The field trip to the Davis Creek area to collect obsidian will be held August 31 to September 3, 2012. Dick Friesen will take the lead for the field trip. Andrea Rodrigues will look to see if there is a park in Alturas where the group could get together for a social evening. She will also prepare a list of motels in Alturas for those who may not wish to camp or motor-home it. Bob Trimingham will look out some of the fairly detailed maps of the collecting site.

Summer Picnic:-The summer picnic will be held at Nancy Bankhead's ranch on August 5. Plan to arrive by 12:30 PM as we will eat at 1-ish. It is a potluck and the Club will provide hot dogs and buns.

The meeting adjourned at 8:23 PM.

Larry Patzkowski, Secretary

Jim Gruver

Member Jim Gruver had suffered a massive stroke on May 1 and passed away on May 22. I will have an article about Jim in the next Lithogram. Jim was very active with the Lithophiles and considered the Lithophiles as his Second Family. Jim was a very hard worker for the society and he will be greatly missed by all. Jim was always at the Memorial Day Air Show at the Livermore Airport, where he spent time showing people the B-17 that was part of his life during WWII. Jim was still able to wear his U. S. Army Air Force uniform.

Our Prayers go out to Ann and Family.

Bill Beiriger

CSUEB

The Lithophiles presented Brunton Transits to Miguel Lima and Meagan Riccobono at the June meeting. Miguel and Meagan are students at California State University, East Bay. Congratulations Meguel and Meagan.

Livermore High School

Our Lithophiles members Shana Scott and Jimmy Bonilla graduated from Livermore High. Shana is off to collage in Charlotte, NC and Jimmy is on his way to the U.S. Army. Congratulations Shana and Jimmy. Shana will be missed from around the shop and as the Door-Prize number caller at Lithorama.

Annual Show of the California Federation Gem and Mineral Societies

CFMS GOLD AND GEM SHOW

Hosted by Valley Prospectors

July 13 – 15, 2012

Dealers to supply your every need
Demonstrators to share their expertise
Great displays and informative speakers
Silent auction and great prizes
Gold panning and equipment
Gold, jewelry and gemstones

Riverside Municipal Auditorium

3485 Mission Inn Avenue

Riverside, CA 92501

General admission: \$5 adults – \$4 seniors (60+) – \$3 12 - 17 – kids under 12 free with pd adult

Metered parking on street and city lots on weekdays – free parking on weekend

Show hours: Friday and Saturday 10 – 5; Sunday 10 – 4

Contact: Steve Schubert, show chairman (951) 943-0535 email: meschubert@hotmail.com

Pat LaRue, asst show chairman (909) 874-5664 email: bplarue@earthlink.net



Notes From The Natural History World

The Sun, The Moon and Venus!

We just finished with an exciting 2 1/2 weeks for the Natural World of Astronomy.

- First we had a Great Annular Solar Eclipse on May 20th.
- Then about 3:00 AM on June 4th we had a partial Eclipse of the Moon.
- Then starting at 3:00 PM on June 5th we had the Transit of Venus across the Sun. This event looked minor but it is a Very Big Deal for the Astronomical Community because it only occurs a couple of times each century.

Don't wait around for the next one because it won't occur again until 2117.



Eclipse of Sun



Eclipse of Moon



Venus Transit
(Small Black Dot at 2:30)

New Information on the Earth's Temperature from 10 mya.

Jonathan P. LaRiviere - University California Santa Cruz
Petra Dekans - San Francisco State University

New studies are showing that 5-12 million years ago, late Miocene, the earth was a lot hotter than it is today but the atmospheric CO₂ was at a much lower level than today. At that time the Northern Hemisphere was nearly ice-free and the continents were warmer than modern day temperatures.

The study made use of tiny phytoplankton that have been preserved in rock cores taken from the mid-latitudes of the Pacific Ocean Basins.

The Cascade Volcanoes of California, Oregon and Washington.

Compiled by Bill Beiriger

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



South Sister - Oregon
Last Eruption - 50 BC (?)
10,357 feet
44.103° N 121.768° W

South Sister is the highest and youngest of the Three Sisters volcanoes that dominate the landscape of the central Oregon Cascades. The main edifice of 3157-m-high South Sister is constructed of andesitic and dacitic lava flows capped by a symmetrical summit cinder cone of probable latest-Pleistocene age. The late Pleistocene or early Holocene Cayuse Crater on the SW flank of Broken Top volcano and other flank vents such as Le Conte Crater on the SW flank of South Sister mark mafic vents that have erupted at considerable distances from South Sister itself. Late-Holocene eruptions formed a chain of dike-fed rhyodacitic lava domes and flows on the volcano's SE-to-SW flanks about 2000 years ago. Satellite radar interferometry (InSAR) data obtained by U S Geological Survey scientists detected continuing long-term slight uplift of the ground surface over a broad region centered 5 km west of South Sister volcano that began in 1997.

Photo by Dave Wieprecht, 1995 (U.S. Geological Survey).

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

Shop Talk

By Frank Gouveia

Here is what was happening at the shop in May, I only have reports for the first two weeks due to my wife breaking her hand and foot in a bicycle accident and needing me to do most everything for her including driving, and the sudden illness and passing of my father. To say the least I've been busy.

5/1/12 - Stephanie Goldsmith was foreman but called in with a family crisis so our thoughts and prayers go out to her. I showed up early and talked to Albert Hess who had been there for some time cutting and shaping cab blanks for the demo booth at the Girl Scouts 100th anniversary celebration taking place at the fairgrounds in Pleasanton. Dick Friesen showed up along with Larry Patzkowski. Larry cut up some more cab pieces on the trim saw for the girls scout event. Jon Violette stopped by with a stone to slab but the small saw is still down so he left. Lee Davisson popped in briefly to drop off the tickets to the girls scout event. He informed me that he has taken on the chair position for this year's Lithorama show and has appointed me as his back-up should he have to leave for work....YIKES!!! Larry, Dick and I sat around and shooting the shale, then I put dop sticks on all the cab blanks for our booth at the girls scout event. After about 15 minutes and 25 cabs later my finger tips were cooked and ready for BBQ sauce. No one came by to work so we shut down the shop shortly after 8pm.

5/8/12 - I was foreman that night and Dick Friesen showed up shortly after me. Jennifer and Patrick Doman came by and joined the club as new members. Jennifer said that a lady she had bought a rock tumbler from near Sacramento recommended that she join a rock club because most of them have workshops with equipment they could use. So she went online and found us since there was nothing near her house in Tracy. Jennifer also works with Rich Hunt (the prez) at the lab. Jennifer and Patrick got filled in on the details of the club from Dick and me. Lanny Thompson came by and polished rocks from Port Townsend Washington she had collected on the beach similar to ones she collected some time ago. Natalie who was a member long ago stopped by to see if the shop was still here. She said she wants to come back and join the club again with her 12 year old daughter. Natalie stayed for a while and chatted with everyone.

5/15/12 - Aliens came by and transformed our shop into a state of the art facility with the best equipment available.

5/22/12 - No one came by to appreciate their handy work so they changed it back to the way it was.

5/29/12 - Wait a minute who is in charge of the 5th Tuesday? Perhaps the Aliens.....Ooooo!

Once again please help and volunteer for a position in this year's Lithorama "The show must go on".

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



The Shop is open from 7pm to 10pm every Tuesday with extended hours on the third Tuesday of the month when the shop opens early at 3pm.



Society Picnic

The Lithophiles will have a Picnic in August.

DATE: August 5

TIME: Arrive 12:30 PM We Eat at 1:00 PM

LOCATION: Nancy Bankheads Ranch

FOOD: This will be a Pot-Luck Picnic, but the club will provide hotdogs and buns. Bring your own drinks.



Special Fun Get-Together

Hornblower Brunch

Do you want to join some of your fellow Lithophiles for a Bay Cruise. Five members (Dick Friesen, Andrea Rodriguez, Pat Iannucci and Rich & Chris Hunt) are going to take the Hornblower brunch cruise on July 29, boarding at 11:00 AM. We would love to have you join us.

- The Price is \$68.00 per person.
- Boarding at 11:00 AM cruise leaves at 11:30 AM.
- Assuming 1/2 hour leisurely stroll from BART to the dock and 1 hour BART trip we should be on a 9:30 BART Train.
- I would guess we would meet at the Pleasanton-Dublin BART Station at 9:15 AM.
- Members wanting to go should go to the Hornblower web site and buy tickets for the July 29th Brunch Cruise. They may not be available at the dock

••• <http://www.hornblower.com/hce/port/overview/sf+ChampagneBrunch>

Grab Bag Work Shop

Grab-Bag Workshop

On Thursday July 12 we will have a workshop to make grab-bags for the San Leandro Library Summer Reading Program. Meet at the Barn at 6:00.

We need the help of members to put together 500 grab-bags with the project. If we have about 10 or 12 members we should be able to make them and get everything cleaned up in about 1 hour.

On August 11th Bob and Deloris will go to San Leandro with the grab-bags and the Wheel-of-Fortune and let the children from the program spin for their prizes.

California Shows And Events

2012

July 13-15: RIVERSIDE, CA
CFMS GOLD AND GEM SHOW & CONVENTION
 Hosted by Valley Prospectors
 Riverside Municipal Auditorium
 3485 Mission Inn Avenue
 Hours: Fri & Sat 10 – 5; Sun 10 – 4
 Contact: Steve Schubert, Show Chair,
 (951) 943-0535
 Email: meschubert@hotmail.com

August 4-5: SAN FRANCISCO, CA
San Francisco Gem & Mineral Society
 Building 1, Treasure Island
 1 Avenue of the Palms
 Hours: Sat 10 - 6; Sun 10 - 5
 Contact: Ellen Nott
 Email: ellen_nott@yahoo.com

August 31-September 3: FORT BRAGG, CA
Mendocino Coast Gem & Mineral Society
 Town Hall
 Corner of Main & Laurel Street
 Hours: Fri-Sun 10 - 6; Mon 10 - 4
 Jerry Sommer, (707) 937-1833

September 15-16: REDWOOD CITY, CA
Sequoia Gem & Mineral Society
 Community Activities Building
 1400 Roosevelt Avenue
 Hours: 10 - 5 daily
 Contact: Mary Lou Froese, (650) 755-8753
 Email: mfroese@sbcglobal.net
 Website: http://sgms.driftdmine.com

September 22-23: CHICO, CA
Feather River Lapidary & Mineral Society
 Silver Dollar Fairgrounds
 2357 Fair Street
 Hours: Sat 10 - 5; Sun 10 - 4
 John Scott, (530) 321-6331
 Email: jweazel@sbcglobal.net
 Website: www.orovillerocks.com

September 29 - 30: 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, cell
 (831) 521-8226
 Email: janis12@sbcglobal.net
 Website: www.cvgms.org

September 29-30: 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 Coon, (707) 849-9551
 Email: coons@sonic.net
 Website: www.srmgs.org

September 29-30: STOCKTON, CA
Stockton Lapidary & Mineral Club
 Scottish Rite Masonic Center
 33 W. Alpine Avenue
 Hours: 10 - 5 daily
 Contact: Dorothy Tonnacliff (209) 603-4539 or Jan Bradley (209) 629-3878
 Email: slmshow@juno.com
 Website: www.stocktonlapidary.com

November 17 & 18, 2012 Livermore LITHORAMA 2012 Show and Sale,
Livermore Valley Lithophiles Gem & Mineral Society; The 'BARN' 3131 Pacific Ave. east of Livermore Ave.
 Hours: Sat. 10–5; Sun. 10–4. Visit us at our website 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.freesevers.com

Field Trips

Aug. 4-5: Monitor Valley, Pete's Summit near Austin, NV for fossils. Fossils for Fun Society, Vicki Black and Terry Bartels.

Livermore Valley Lithophiles

Bill Beiriger, Editor
P.O. Box 626
Livermore, CA 94551-0626
info@lithophiles.com

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



Elected Officers and Club Information

Elected Officers:

President Rich Hunt (925) 443-5525
V. President Lee Davisson (925) 371-0699
Secretary Larry Patzkowski (925) 426-7768
Treasurer Shelley Buchberger (925) 292-7122

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. (**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, OPEN.

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 14th, at 7:30 PM
Board Meeting Lithophiles Picnic (OPEN)