

Livermore



Lithogram

Livermore Valley Lithophiles

Livermore, CA

Next General Meeting

Feb, 8, 2018, 7:15 pm

Community Room
Civic Center Library

Program: John Toeppen will present our February program with his computer trips in 3-D. Walk inside Buildings, Geologic Formations and your Mineral & Fossil Collections.

Refreshments: TBD

Next Board Meeting

4th Thursday of the month
at the Shop.

All Members are welcome
to attend!

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President's Message

This is already the 2nd month of 2018.

We had our first field trip of the 2018 Year to Bear River Camp Ground, about 25 miles north of Auburn. Joe Waldhaus, the Gold Panning demonstrator from Lithorama showed members how to pan for gold.

The CFMS trip to Lavic Siding near Barstow will be on Saturday February 17th. This is a location that produces both Agate and Jasper; there was a color photo on page 3 of the January Lithogram. We will talk about this trip at the February 15th meeting; remember the trip is just two days after that meeting. It will take about 5 ½ to 6 hours and is about 400 miles.

John Toeppen will present our February program with his computer trips in 3-D. John has developed a computer program that will let you take a 3-D trip through buildings, geologic formations or even a trip through your fossil collection. Photography of microscopic details, geological studies, landscape panoramas, stereo photography, and producing solid models are now options for photographers at home and in the field. These methods will be discussed, methods shared, and a Face Book page will be set up to pursue these topics as desired. Links will be provided to connect with tutorials, enthusiasts, and commercial products. John will bring hardware to show and some results to share.

I had a chance to visit with John at Lithorama, I think members should enjoy his presentation.

One last note is a Thank You to the members who attended the Board Meeting, so we had a quorum present.

To a Great Year,

Bill Beiriger, President

To see some of Toeppen's work go to
<https://sketchfab.com/toeppen>

State Fossils

Oregon State Fossils

Bill Beiriger

Metasequoia glyptostroboides, Dawn Redwood. The fossils date back to the Cretaceous Period. The tree was considered extinct until a living tree was found growing in central China in 1941. In Oregon they lived during the Miocene Period 5 to 25 million years ago and are found in the John Day Formation.

The modern trees grow to 200 feet in their natural growing areas of China. These trees are related to both the ***Sequoia sempervirens*** (Coastal Redwood) and the ***Sequoiadendron giganteum*** (Giant Sequoia) both found here in California.

Besides the Dawn Redwood there are more than 20 fossil species of the ***Metasequoia*** found in the Northern Hemisphere.

The Dawn Redwood became the Oregon State Fossil in 2005.



Gold Panning Field Trip

by Lukas Zimmermann

The gold panning trip was great! We got to the meeting area, explored for a little, and then settled on a spot to start the days work. The East Bay Prospectors were great at what they do and taught me how to pan. Then we started classifying the soil and bucket by bucket we ran it through a sluice. After about a days worth of work (maybe 20 or so buckets) we emptied out the sluice into a pan and panned out all our gold. I'd say there was about a gram or so, but the day was so fun I doubt I would've cared if there had been less.



Minutes of the General Meeting

January 11, 2018

The Science Odyssey is March 1, 5:00pm – 7:00pm at Junction School.

The teacher in charge wants the Lithophiles to display Lapidary Projects, Beading Projects, and Square Wire Projects. She would also want to see the Lithophiles making Cabochons. This would be a good project for the 4-H and Home School students.

Suggested field trips are 1) Oakland Museum, 2) Great Valley Museum at Modesto Junior College, and 3) Fossil Discovery Center in Chowchilla.

East Bay Prospectors have invited the Lithophiles to join them for gold panning at Bear River Campground on January 20 from 10:00am to noon. The

campground is near Colfax off Highway 80, about 25 miles north of Auburn. They have some equipment that we can use; however, if you have pans, screens and shovels, please bring them.

Bill Beiriger & Rich did a presentation on meteorites and included a hands-on display of different types of meteorites.

Minutes of the Lithophile Board Meeting

January 25, 2018

Present: Bill Beiriger, Bill Bish, Stephanie Goldsmith, Molly Alexander, and new member Rudy Ayala

The Science Odyssey is March 1, 5:00pm – 7:00pm, at Junction School.

The California Federation of Mineral Societies (CFMS) is sponsoring a **field trip to Lavic Siding on February 17**. Known for its jasper and agate, the site is located in the Mojave Desert near Barstow, approximately 400 miles from Bay Area.

Shop

The water heater needs to be repaired.

The wheels are becoming damaged from being changed too often.

The shop needs a good cleanup.

- 1) Remove all materials from the floor.
- 2) Remove all materials from the top of the cabinets and shelves – City and County regulations.
- 3) Put tool boxes back into order and keep them closed.
- 4) Clean the spider webs off the walls, ceiling, and equipment.
- 5) After Dick Friesen gets back, we should service the slab saws.
- 6) Using the blue containers, organize items in the loft and remove all materials that are no longer needed.
- 7) Find the owner of the steel table that is in the back room below our storage area. This area does not belong to the Lithophiles so the table has to be removed.

Frank has stepped down from shop foreperson position because of other commitments. So we need someone to replace him.

Beading Buddies

We had a good turnout at our last meeting with 6 new people attending. Next beading Buddies meeting is Saturday February 24, 1-4 pm at Pat's house, 889 Waverly CMN. We will be working on a new bracelet project that will be suitable for beginners as well as our more experienced beaders. More information to follow in a week.

Pat patinfoldy@aol.com



California Shows & Events

February 17 - 18: ANTIOCH, CA

Antioch Lapidary Club
 Contra Costa County Fairgrounds
 1201 West 10th Street
 Hours: 10 - 5 daily
 Contact: Brenda Miguel, (925) 301-6957
 Email: brenda.miguel@yahoo.com
 Website: www.antiochlapidaryclub.com

February 24 - 25: VALLEJO, CA

Vallejo Gem & Mineral Society
 Solano County Fairgrounds, McCormack Hall
 900 Fairgrounds Drive
 Hours: 10 - 5 daily
 Contact: Dan Wolke, 707 334-2950
 Email: dncwolke@sbcglobal.net
 Website: www.vjgems.org

March 2 - 4: NEWARK, CA

Mineral & Gem Society of Castro Valley
 Newark Pavilion
 6430 Thornton Avenue
 Hours: Fri & Sat 10 - 6; Sun 10 - 5
 Contact: Cathy Miller, 510-887-9007
 Email: showchair@mgscv.org
 Website: www.mgscv.org

March 10 - 11: SPRECKELS, CA

Salinas Valley Rock and Gem Club
 Spreckel's Veteran's Memorial Hall
 5th & Llano Streets
 Hours: 10 - 5 daily
 Contact: Gary Beck, (831) 679-2896
 Email: garybeckpca@yahoo.com
 Web: salinasrockandgem.pagecloud.com

March 10 - 11: TURLOCK, CA

Mother Lode Mineral Society, Modesto
 Stanislaus County Fairgrounds
 900 North Broadway
 Hours: 10 - 5 daily
 Contacts: Terry McMillin, (209) 484-4416
 Email: terry.mcmillin@yahoo.com
 Website: www.motherlodemineralsociety.com

March 17 - 18: SAN JOSE, CA

Santa Clara Valley Gem & Mineral Society
 Santa Clara County Fairgrounds
 344 Tully Road
 Hours: 10 - 5 daily
 Contact: Sonia Dyer, (408) 629-5735
 Email: sonia.dyer@sbcglobal.net
 Website: www.scvngms.org

March 24 - 25: ANGELS CAMP, CA

Calaveras Gem & Mineral Society
 Calaveras County Fairgrounds
 101 Frogtown Road
 Hours: Sat 10 - 5; Sun 10 - 4
 Contact: Robin Williams (209)-728-8277
 Email: robinski@yahoo.com
 Website: www.calaverasgemandmineral.org

March 24- 25: ROSEVILLE, CA

Roseville Rock Rollers Gem & Mineral Society
 Placer County Fairgrounds
 800 All American City Blvd (off Washington)
 Hours: Sat 10 - 5; Sun 10 - 4
 Contact: Gloria Marie, (916) 216-1114
 Email: gloriarosevillerockrollers@gmail.com
 Website: www.rockrollers.com

April 7 - 8: MARIPOSA, CA

Mariposa Gem & Mineral Society
 Mariposa County Fairgrounds
 5007 Fairgrounds Road (South of Mariposa off Hwy 49)
 Hours: Sat 10 - 5; Sun 10 - 4
 Contact: Meredith Meehan, (559) 868-3535
 Email: mgmc@sti.net
 Website: mariposagemclub.org

April 28 - 29: RENO, NV

Reno Gem & Mineral Society
 Reno Reno/Sparks Livestock Event Center
 1350 North Wells Avenue
 Hours: Sat 10 - 5; Sun 10 - 4
 Contact: Daniel Ellis, (775) 359-6068
 Email: sailondan55@aol.com
 Website: www.renorockhounds.com

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 Bill Beiriger(info@lithophiles.com)
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, 7:00 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:

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