

Livermore



Lithogram

Volume XXXVIII, Number 9 **Livermore Valley Lithophiles**
December 2013 **Livermore, California**

Next General Meeting:
 Thursday, Dec. 12, 2013
 Livermore Library Community Room
 7:30 PM

Program: Christmas / Hanukkah Party and Meeting
Arrive at 6:00 PM - Eat at 6:30 PM
December 12th Livermore Library
Potluck - Potluck - Potluck

Next Board Meeting:
 Thursday, **OPEN**
At the Shop
 Members are welcome to attend!

Meeting Location: Livermore Library Community Room 'A'

Refreshments: Potluck

MEMBERS DUES ARE DUE	
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Presidents Message:

Devine December Lithophiles! I hope to see you all at the Holiday Party on Thursday, December 12th at 6:00 in the Library Community Room. It's a potluck so bring a dish to share along with your plate and utensils. We have many excellent cooks in the club so bring your appetite as well. We'll have a white-elephant gift exchange so bring a gift if you want to participate. We also play bingo with outstanding prizes carefully selected from our dealers at the Lithorama. I really want to see you there.

Thank you all for helping to put on a fantastic 40th Lithorama. We had more than 900 people visit the show to see the exhibits and learn more about our hobby. This is our major fundraiser that supports the shop, social activities, meeting programs, and the newsletter. Thank you again for your service.

Speaking of service -- the club had its election for 2014 officers and failed to elect a President. Lee Davisson was elected Vice President, Bill Bish as Treasurer, and Molly Alexander as Secretary, but the Nominating Committee could not identify a candidate for President. Clearly, our lack of President will place

Presidents Message - cont. Bottom pg. 2

Minutes of the General Meeting

Nov. 14, 2013

The meeting was called to order at 7.35 PM by President Rich Hunt at the Livermore Library Community Room A.

Fourteen members were in attendance. There was no Treasurers' Report of correspondence or guests.

Minutes: The minutes were approved as printed

Shop Report: Dick Friesen reported that the Shop has been fairly busy.

Lithorama: Lee Davisson reported that items for our show were coming together. He passed around a sign-up sheet to sign up for blocks of time one could help on Saturday and Sunday. The set up will start Friday at 9 AM and as many members as can make it were encouraged to help. Many other details were discussed such as the kitchen, glow room, kid's corner, front door. Various people will help at these specific locations.

Bill Beiriger reported that the location of our sign (4th Street) has been lost to another group next year; he will check with the City on this.

Officer Nominations: Three nominations for Club officers have been received: Lee Davisson, Vice president, Bill Bish, Treasurer, and Molly Alexander, Secretary. As no one has expressed interest in the President slot, and no nominations were offered from the floor, Rich Hunt asked for a motion to accept the three as our slate of officers for 2014. Bill Beiriger made a motion to that effect with Dick Friesen seconding. The motion was unanimously passed by voice vote.

Schools: Bill Beiriger reported that he had just talked to about 120 second graders at Valley View Elementary School in Pleasanton and some 90 student at Walt Disney school in San Ramon. He plans to talk to about 120 students in Livermore next week.

Holiday Party: The Holiday Party will be held at the Library on Thursday December 12, our regular meeting date. It will be a pot luck with Bingo and a white elephant gift exchange.

Refreshments: Jane Crone and Jenny Siders will provide refreshments for the January 2014 meeting.

The meeting adjourned at about 8; 22 PM. Larry Patzkowski, Secretary

Presidents Message - cont. from pg. 1

a huge load on our Vice President who must serve in the President's absence. Lee already works hard for the club as CFMS representative, 4-H Lapidary Project Leader, and Lithorama Chair for the past two years -- this is an ongoing problem with our club -- we overload a few members with too many assignments and they get burned out and drop out. Obviously, not a good plan for the ongoing success of the club, so we all need to step up to serve this club. Now is the time, we can have a special election to elect the 2014 President (or perhaps Vice President if Lee is willing to step up to President). What do you say? Are you ready to serve?

**Christmas / Hanukkah / Holiday Party & Meeting
(Normal night but we meet 6:00PM - Eat at 6:30PM)**

Hello members it's time for our annual Christmas / Hanukkah / Holiday Party and Meeting.

As in the past this event is a Pot-Luck dinner. The Lithophiles will supply coffee and sodas left from Lithorama.

We will meet in the Community Room at the library at 6:00 PM and we will **Eat at 6:30 PM.**

There will be a White Elephant Gift Exchange (Optional) and we will also have BINGO.

We will also have a very short meeting to install our New (Returning) Officers.

Minutes of the Board Meeting

Nov. 24, 2013

The November 24 minutes will be printed next month.

**MEMBERS
DUES ARE DUE**

The Volcanoes of Alaska.

Compiled by Bill Beiriger

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



Aniakchak - Alaska Peninsula

Last Eruption - 4,400

7,287 feet

56.88° N 158.17° W

One of the most dramatic calderas of the Aleutian arc, the 10-km-wide Aniakchak caldera was formed around 3400 years ago during a voluminous eruption in which pyroclastic flows traveled more than 50 km north to the Bering Sea and also reached the Pacific Ocean to the south. At least 40 explosive eruptions have been documented from Aniakchak during the past 10,000 years, making it the most active volcano of the eastern Aleutian arc. A dominantly andesitic pre-caldera volcano was constructed above basement Mesozoic and Tertiary sedimentary rocks that are exposed in the caldera walls to elevations of about 610 m. The ice-free caldera floor contains many pyroclastic cones, tuff cones, maars, and lava domes. Surprise Lake on the NE side drains through The Gates, a steep-walled breach on the east side of the 1-km-high caldera rim. Vent Mountain and Half Cone are two long-lived vents on the south-central and NW caldera floor, respectively. The first and only confirmed historical eruption took place in 1931 from vents on the west and SW caldera floor.

Photo by M. Woodbridge Williams (National Park Service).

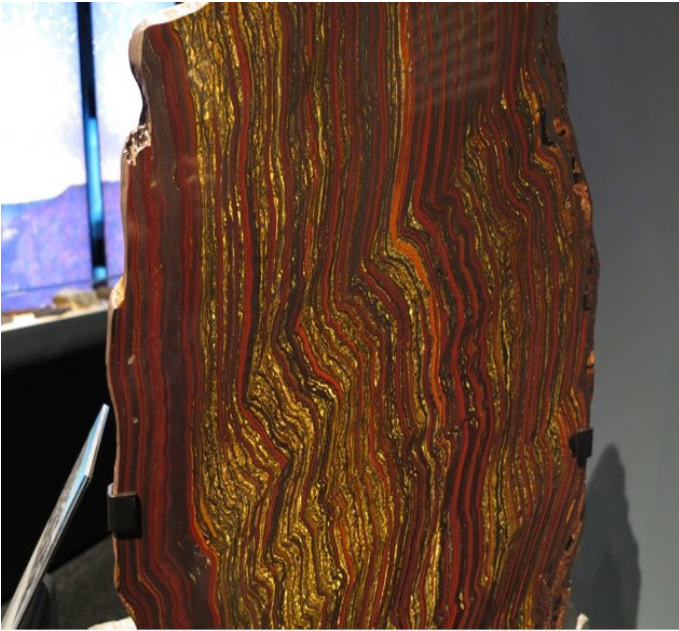
<http://www.volcano.si.edu/world/volcano>

Rocks & Minerals Collections in Scotland

by Charles Siders
A Junior Member

These are some photos of interesting rocks and crystals we saw at the National Museum of Scotland and the Fossil and Heritage Centre in Burray, Orkney.

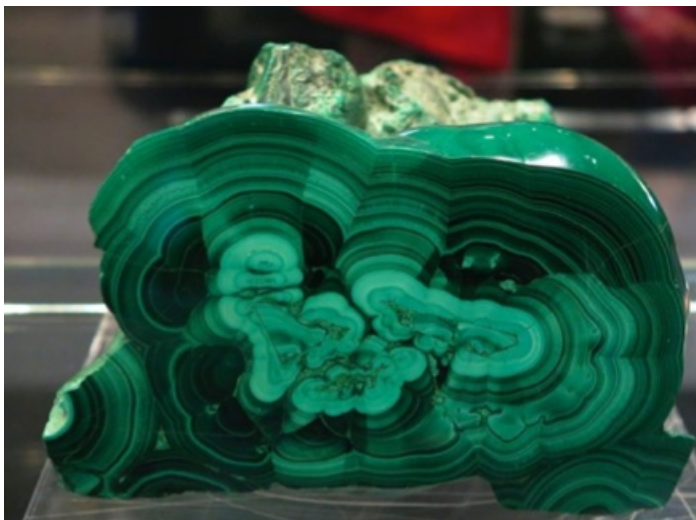
Below is a large slab of banded ironstone, and on the right is a large amethyst geode.



To the right is some uvarovite, which is one of the rarest types of garnet and is usually found in Spain, Russia and Quebec.



Below is a large chunk of malachite.





The igneous rock on the left formed dark circles of iron minerals as the iron concentrations varied while it was cooling.

Below and to the left is some amazonite, and below is some kyanite, which is found in cyanite.



Above is some wulfenite, a lead molybdate mineral associated with lead ore.



The red in the eclogite on the right is garnet and the green is omphacite. It forms over 45 kilometers deep and at temperatures above 500 C.



Above are two photos of an interesting case they had at the Fossil Centre. The blue john in the left photo and the abalone shell in the right are particularly interesting. Blue john is a form of fluorite and in the UK it is only found in Blue John Cavern and Treak Cliff Cavern.

Below on the left is a large ammonite and on the right is petrified wood.



When I saw the fossils on the left I thought, “Oh look, septarian nodules. Aww they’re only dinosaur eggs”. On the right is orthoceras in a limestone matrix. I saw quite a few interesting rocks and fossils at both museums, many of which I had never seen before.

Beading Buddies



Nancy



Nancy



Pat



Pat

SANTA IS A ROCKHOUND

(A Lapidarist's version of the Night Before Christmas)

'Twas the night before Christmas and all through the house. Not a Rockhound was stirring ---I felt like a louse! For the lapidary gifts I was making this year lay down on my bench, UNFINISHED, I fear! The pendant my dear wife wanted so much as I polished the cab, it fractured with a touch; and the lovely jade brooch for Grandma so sweet, just wouldn't polish - it looked terribly beat.

As for Sister's new bracelet with baroques dangling lightly, I ran out of bell caps after the stores were closed tightly. Then the tie clasp for Uncle that would make such a hit, after I cut the cab, no mounting would fit! And even Junior's new crystal growing set. Though I'd sent for it months ago, had not arrived yet! So I tossed and I turned as though caught in a trap. I could not settle down for a "long winter's nap." When all of a sudden I heard such a clatter, I sprang from my bed to see what was the matter; I raced for the door then saw with a flick a red suited man I was sure was Saint Nick.

As I reached for my robe and was turning around, down the basement stairs, Santa went with a bound.

He went straight to my workbench to see what I lacked, Then with a nod of his head, he opened his pack Out tumbled such mountings and bell caps without stop, I was sure Santa must own a Lapidary Shop!

He said not a word but went straight to his work, and finished each piece, then grabbed his pack with a jerk. And shaking his white-bearded face with much glee, took out some new slabs I knew must be for me! Then, laying his finger aside of his nose, with a nod of satisfaction, up the stairway he rose. Went straight to the door, to his team gave a whistle and away they all flew like the down of a thistle. But I heard him exclaim 'ere he drove out of sight, "Merry Christmas, Dear Rockhounds, and to you a good night.

Original author unknown Via Hy Grader and Coastal Waves 2005 Via - Scribe Vol. 35 No 4 Oct-Dec 2011- Via Ghost Sheet 12/11.

California Shows And Events

2014

January 17-26: Quartzsite, AZ
Annual Show **Tyson Wells Tyson Wells Show** Grounds, 100 W. Kuehn St.,
Daily 9-5, free admission Contact Kym
Scott, 928-927-6364 email: tysonwells@tds.net
Website: www.tysonwells.com

January 1-28: Quartzsite, AZ Annual Show,
Desert Gardens Show Grounds 1055 Kuehn
Rd. Daily 9-5, free admission Contact Dennis
Kuehl 623-606-0053 email: cad53148@yahoo.com
website: www.desertgardensrvpark.net

February 1-15: Tucson, AZ Wholesale and
Retail Shows at three locations Daily 10-6,
free admission Contact Regina Aumente
505-867-0425 email: mzexpos@gmail.com
website: www.mzexpos.com

February 15-24: INDIO, CA
San Geronio Mineral & Gem Society, Riverside
County Fair 1 & National Date Festival
46350 Arabia Street
Hours: 10 - 10 daily
Contact: Bert Grisham 915-849-1674,
951-288-9025 cell
bert67@verizon.net

February 21 - 23: NEWARK, CA
Mineral & Gem Society of Castro Valley
Newark Pavilion
6430 Thornton Avenue
Hours: Fri & Sat 10 - 6; Sun 10 - 5
Contact: Cathy Miller
Email: info@mgscv.org
Website: www.mgscv.org

March 8 - 9: TURLOCK, CA
Mother Lode Mineral Society, Modesto
Stanislaus County Fairgrounds
900 North Broadway
Hours: 10 - 5 daily
Contacts: Bud & Terry McMillin,
(209) 524-3494
Email: terry_mcmillin@yahoo.com
Website: www.turlockgemshow.com

March 22 - 23: 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: amy95247@yahoo.com
Website: www.calaverasgemadmineral.org

March 22- 23: ROSEVILLE, CA
Roseville Rock Rollers
Roseville (Placer County) Fairgrounds
800 All American City Blvd
Hours: Sat 10 - 5; Sun 10 - 4
Contact: Gloria Marie, (916) 216-1114
Email: gloriarosevillerockrollers@gmail.com
Website: www.rockrollers.com

November 22-23: LIVERMORE, CA
Livermore Valley Lithophiles
Lithorama 2013 is a Gem and Mineral
Show and Sale & will be held at the
'BARN' in Livermore,
3131 Pacific Ave., off South Livermore
Ave.
Saturday 10:00 to 5:00
Sunday 10:00 to 4:00
info@lithophiles.com
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.freeservers.com

Field Trips

Livermore Valley Lithophiles

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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 Dec. 12th, at 6:00 PM
Board Meeting OPEN, 7:30, At the SHOP**