



Volume XXXVII, Number 1
January 2012

Livermore Valley Lithophiles
Livermore, California

Next General Meeting:
Thursday, Jan. 12, 2012
Livermore Library Community Room
7:30 PM

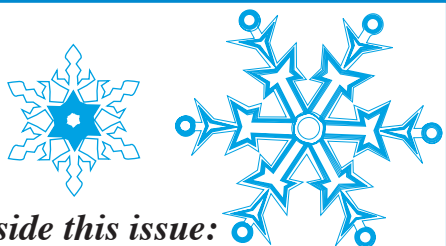
Program: Town Meeting - Discussion of events for the year.

Dues Are Due!

Next Board Meeting:
Thursday, Dec. 26, 2012
7:30 at 'The Shop'
Members are welcome to attend!

Meeting Location: Livermore Library Community Room

Refreshments: Bob Trimmingham - Bill Beiriger



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Presidents Message:

Happy New Year Lithophiles! I look forward to this rocking New Year as the Lithophiles President. Not wanting the club to fossilize, your incoming and outgoing officers have been discussing ways to make club activities more attractive to its members. We have a few ideas focused on field trips, programs, and classes. Now it's your turn -- the January general meeting on (January 12 at the Library) will be a town hall focused entirely on club activities.

Please come to the meeting filled with ideas about how the club can engage its members better. Here are some things to think about:

- Why did you join the club, or what do you get out of being a member?
- What would encourage you want to come to the meetings more often?
- Any ideas for programs at the meetings? What topics would interest you?
- How about the shop -- do you use it? What would make you use it more?
- Are you interested in field trips? What kind (e.g., collecting, education...)?
- Are you interested in classes? What kind (e.g., lapidary, jewelry, metalworking...)?
- What does the club do that you enjoy?

Presidents Message continued:

- What would you like to see the club do differently?

We'll talk about all these questions at the meeting; please do come to tell us what you think. If you absolutely can't come to the meeting, email or call me with your thoughts. We have a good club that's perhaps a little rough around the edges, but with a little cutting and polishing, we'll have a spectacular specimen.

-Rich Hunt
rcjhunt@comcast.net
925-443-5525

Minutes of the General Meeting

December 8, 2011

Christmas Party. No General Meeting. Officer Quorum not present to conduct business.

Minutes of the Board Meeting

December 22, 2011

The meeting was called to order at 7:33 PM by President Bob Trimingham at the Shop.

Those also in attendance included Rich Hunt, Bill Beiriger, and Shelley Buchberger.

Lithorama: Bill Beiriger gave a breakdown of the Show's receipts. A total of about \$3720 was collected at the door (about 62%), the auction (about 20%), and the kitchen (about 18%). Not included in this amount are the dealers' fees. The cost for the use of the Barn in 2012 for our show has increased to \$2,561, an increase of \$300 over 2011. Bill is acquiring paneling from a neighbor which can be used to refurbish some of our display cases.

Bill also reported on several items including the following: The fee for the use of the Library for our meetings has been paid for 2 months (\$40/meeting) and we are locked-in until our summer break. Also the Post Office box fee has been paid for 2012. Rich Hunt reported that our subscription for *Lapidary Artist* is good until September.

Schools:-Bill Beiriger reported that he gave talks to 96 kids last week and has 8 days scheduled with 16 classes for January.

Treasury-Related Business: Shelley Buchberger, our new Treasurer, and the group explored several items such as how the Club's funds are differentiated between general funds and school funds (Mike Gorges funds). At present, they are somewhat co-mingled as are the funds in our CD. Also, dues will be coming in for 2012 and the Club roster needs to be updated

Refreshments:-Bob Trimingham and Shelley Buchberger will provide the refreshments for the January 12 General Meeting.

New Business:-Bob Trimingham, our outgoing president, transferred the gavel, without pomp and circumstance, to Rich Hunt our new president.

The meeting adjourned at 8:10 PM.

Larry Patzkowski, Secretary

Notes From The Natural History World

Livermore

Well! It's not natural history but Livermore does have the longest burning light bulb in the world as of June 2011 it was 110 years old.

Now Livermore has its own Element discovered in the world of physics, Livermorium 116. The element was first observed in 2000, when scientists mashed together calcium and curium. Dr. Mark Stoyer at Lawrence Livermore National Laboratory was one of the physicist who worked on the project.

Just think of the mess this world would be if it took more than ten years for us to name our children.

What will be next?

Mammoth Clone

Japan's Kyodo News

Scientists from Japan and Russia believe it may be possible to clone a mammoth. A thigh bone containing well preserved bone marrow was recovered from permafrost in Siberia.

They hope to replace the nuclei of egg cells from an elephant with those taken from the mammoth's marrow cells. The embryos produced will then be implanted into an elephant womb for delivery.

The last of the mammoths became extinct about 10,000 years ago.

Oldest Fossil

Nicholas Wade - The New York Times

A new microfossil has been found in sandstones at Strelley Pool formation in Western Australia.

The single-cell fossil is 3.4 billion years old and was described David Wacey of the University of Western Australia and Martin D. Brasier of the University of Oxford.

But aJ. W. Schopf from the University of California, Los Angeles claims the fossil he found in the Apex chert from the Warrawoon Group in Western Australia is 3.465 billion years old, making it 65 million years older.

So! The question is 'Who will Win?'

The Cascade Volcanoes of California, Oregon and Washington.

Compiled by Bill Beiriger

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



Mount Lassen - California

Last Eruption - 1917

10,456 feet

40.492° N 121.508° W

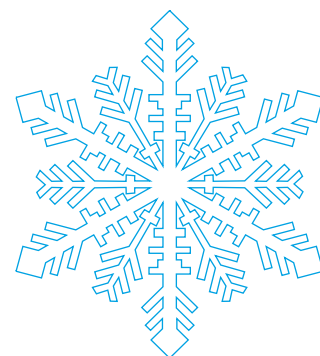
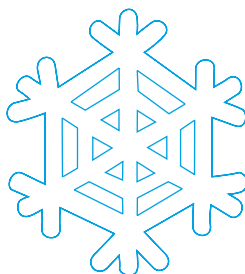
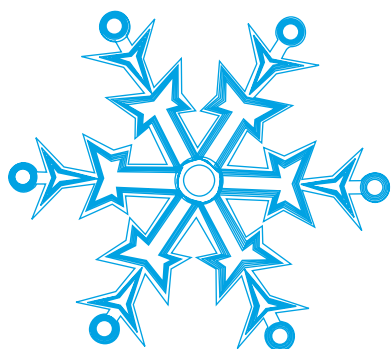
The Lassen volcanic center consists of the andesitic Brokeoff stratovolcano SW of Lassen Peak, a dacitic lava dome field, and peripheral small andesitic shield volcanoes and large lava flows, primarily on the Central Plateau NE of Lassen Peak. A series of eruptions from Lassen Peak from 1914 to 1917 marks the most recent eruptive activity in the southern Cascade Range. Activity spanning 600,000 years began with construction of Brokeoff stratovolcano. Beginning 400,000 years ago activity shifted to the north flank of Brokeoff, where episodic, more silicic eruptions produced a field of a dozen dacitic lava domes including Bumpass Mountain, Mount Helen, Ski Heil Peak, and Reading Peak. At least 12 eruptive episodes took place during the past 100,000 years, with Lassen Peak being constructed about 28,000 years ago. The Chaos Crags dome complex was constructed about 1100-1000 years ago north of Lassen Peak. The Cinder Cone complex NE of Lassen Peak was erupted in a single episode several hundred years before present and is considered part of the Lassen volcanic center (Clynne et al., 2000). The 1914-1917 eruptions of Lassen Peak began with phreatic eruptions and included emplacement of a small summit lava dome, subplinian explosions, mudflows, and pyroclastic flows.

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

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

**YOUR MEMBERSHIP DUES FOR
LIVERMORE VALLEY LITHOPHILES GEM AND MINERAL SOCIETY
ARE NOW DUE!**

HAPPY NEW YEAR - 2012



December Christmas Party Meeting



Small Group of Members, But the food was Good



White Elephant Prizes



The Bingo Caller

California Shows And Events

2012

Quartzsite

Jan. 1 - Feb. 28 **Desert Gardens**

Nov. 1 - Feb. 28 **Gold Show (Prospectors Panorama)**

Jan. 6 - Jan. 15 **Tyson Wells Rock & Gem**

Jan 7 - Jan. 22 **Main Event**

Jan. 18 - Jan. 22 **Annual PowWow**

Feb. 3 - Feb. 12 **Tyson Wells Arts & Crafts Show**

Tucson

See all 4500 vendors at the shows in Tucson, Arizona.

See the info for Tucson Shows under Field Trips listed below.

March 2-4, 2012: 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: info@mgscv.org, Website: www.mgscv.org

March 10-11, 2012: SALINAS (Spreckels), CA

Salinas Valley Rock & Gem Club
Veteran's Hall, Spreckels, CA, 5th & Llano St.

Hours: 10 - 5 daily

Contact: Robert L. Braun, (831) 771-2089

March 10-11, 2012: TURLOCK, CA
Mother Lode Mineral Society
Turlock Fairgrounds, 900 North Broadway
Hours: Hours 10 - 5 daily
Contact: Terry & Bud McMillin, (209) 524-3494
Email: bud.mcmillin.b7y@statefarm.com
Website: www.turlockgemshow.com

March 17-18: VALLEJO, CA
Vallejo Gem & Mineral Society
Solano County Fairgrounds, McCormack Hall
Hours: 10 - 5 daily
Contact: Dan Wolke, (707) 644-9764
Email: VGMS01@yahoo.com
Website: www.vallejogemandmineral.com

March 24-25, 2012: ANGELS CAMP, CA
Calaveras Gem & Mineral Society
Calaveras Co. Fairgrounds (Frog Town USA)
101 Frogtown Road
Hours: Sat 10 - 5; Sun 10 - 4
Contact: Tak Iwata, (209) 928-5579
Email: Tak2me@msn.com
Website: www.calaverasgemandmineral.org

March 24-25, 2012: ROSEVILLE, CA
Roseville Rock Rollers
Roseville (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

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.freeservers.com

The California Federation of Mineralogical Societies web page www.cfmsinc.org gives everyone access to the CFMS Newsletter.

Field Trips

Make the Quartzsite Shows your field trip for the beginning of the 2012 year. This show has a lot to see and buy.

Then you can continue on to see the Tucson Gem and Mineral Show in Tucson, Arizona where you can enjoy the 4500 vendors. See the Tucson website for all the information, <http://tucsongemandmineralshows.net/2012-tucson-gem-show.htm>

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

Dues Are Due!



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 Jan. 12th, at 7:30 PM
Board Meeting Jan. 26th, 7:30 PM -The Shop