

Livermore

Lithogram



Volume XXXIV, Number 2
February 2009

Livermore Valley Lithophiles
Livermore, California

Next General Meeting:
 Thursday, February 12, 2009
 Carnegie Building, 4th and 'J' Streets
 7:30 PM

Program: The second part of the DVD on the Tucson Mineral and Gem Show by Dave Wilber

Next Board Meeting:
 Thursday, February 26, 2009
 The SHOP, 7:30 PM
 Members are welcome to attend!

Refreshments:
 Diane Day and Jim Gruver



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Presidents Message:

Happy Valentines Day!

We had a productive meeting in January – we filled several of our important positions – huge thanks to Pat Iannucci who volunteered to co-chair the Lithorama! We still have positions that need to be filled as well. If you missed the January meeting, don't be shy. Let me know where you would like to help.

Currently, the open positions are the Chairs for Programs, Fair Case, Picnic, Christmas Party and the Wine Country Festival. The Wine Country Festival comes up in early May, so we need some one to step up soon.

I'm trying to work out an agenda for each meeting this year, so if you would like to be added to the agenda, please contact me, or see me before the meeting. I will place you in an appropriate spot.

At the February meeting, let's start a new "show and tell" activity. Bring your favorite crystal to share. This ties in nicely with the program, a video on the Tucson show.

Chris Hunt

Minutes of the General Meeting

January 8, 2009

Minutes of the general meeting of January 9, 2009

The meeting was called to order at 7:31 by president Chris Hunt. Bob Trimingham volunteered to take minutes since the secretary, Bob Whiteside, was absent. Vice president Bill Snyder was absent also.

Guests included Gary Parsons and Keven & Heika Quinn.

Several items of correspondence were mentioned.

MINUTES: The minutes of the Board Meeting of December 11, 2008 were approved. The minutes given as for the General Meeting of December 11, 2008 should be corrected to minutes of the Board Meeting of November 23, 2008.

TREASURER'S REPORT: Deloris Colonna briefly covered some items of income and outgo for new treasurer Diane Day. Deloris has signed up the club for a corner booth at the Wine Country Festival. The necessary \$100.00 fee was paid. Dues are due.

AGENDA ITEMS: Each of the following items was briefly discussed, and matched to a volunteer in some cases:

- Meetings

Programs, Bill B. and Bob T. volunteered to give one each.

Refreshments. Coffee – Albert Hess
Raffles / Door Prizes – Jane Crone

- Field Trips – Diane Day

- Shop Lynn Zirkle

- Lithogram – Bill B.

- Fair Case – Fair starts late this year. Should try to put more cases in competition to preserve the categories.

- Educational Outreach – Bill B.

- Christmas Party – Joan Beiriger

- Picnic –

- Children's Fair – last year we were in a bad location and heat made the swimming pool more attractive for the kids. May not be a venue for our club. Tentative.

- Wine Country Festival – we are signed up. Information will arrive by mail. May 2-3, 2009. Kid oriented.

- San Leandro Library Festival – We should be invited again. Bob T., Deloris C. and others. We need to pack bags.

- Lithorama – Pat Iannucci volunteered to be a co-char. Beth Myers may handle publicity, Gayla Langlois the kitchen and Dick Friesen the exhibitors.

- Historian – Chris H. should an old scrapbook put together by a former historian, with articles and photos included. A volunteer is needed, experience unnecessary.

- Librarian – organize books at the shop, set up check-out system. Rich Hunt volunteered.

- CFMS Rep. – Bob Whiteside, (absent).

- Guest Book – Bob T. (or Bob Whiteside)

- Arts Council – Nancy Bankhead, perhaps, (absent).

- Gorges material sale – Bob T. recommended Saturday, May 9. Deloris C. Seconded the motion. Approved.

REPORTS – (Bill Beiriger)

- Lithorama – Bills presented for magnifying glasses for guest exhibitors and for two motion picture tickets each for juniors who helped at the show. Money collected from sale of Mike Gorges' microscope and electronic equipment will go into the school fund.

- School Kids – gave recent talks to six classes of second and fourth graders in one day. Teachers interested in ten copies of the book 1000 Facts About Fossils (\$7.95 each). \$79.50 was approved from the Mike Gorges fund to buy the ten copies.

- \$400 will be donated to the schools from Lithorama proceeds as a thank you for their crystal-Growing participation.

- Sand – Bill plans to do a series of articles titled “Sand of the Month.”

- Newspaper – called attention to the article in “Discover Livermore” for December 18, 2008 with color photos and the title “Rock Hounds Lap Up Gems at Lithorama.”

- Lithogram – send articles to Bill B. preferably by E-mail. It costs approximately \$1000 per year to produce and send out 60 copies monthly.

- Science Fairs – plan to participate in the Livermore Schools Science Odyssey (March) and perhaps the Pleasanton/Dublin Science Fair at the Fairgrounds.

WORKSHOPS:

- Feb. 15 at Nancy Bankheads, Fimo Clay Beads. Call Nancy or Beth Myers.

- Classes at the shop (Dick Friesen). Need to know interest, Topics include Lost Wax Carving, Silversmithing. Wire Wrap (Jan Watling). Stained Glass (Nancy Bankhead + ?). E-mail addresses, Dick F. suggested compiling a list of addresses for club members.

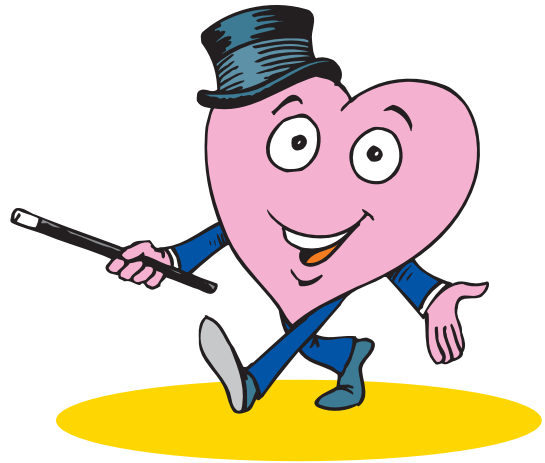
OLD BUSINESS:

- Chris Hunt suggested our society donate to the Bankhead Theater in memory of long time member Evelyn Bankhead, namely a brick inscribed “In Memory E. Bankhead – Livermore Lithophiles.” Pat Iannucci so moved, Jane Crone seconded, and the motion was approved.

- Refreshments: Jim Grover and Diane Day for the February 12 meeting.

The meeting adjourned at 8:37 PM.

Bob Trimmingham – Secretary pro tem.



DUES ARE DUE!

Send to Diane Day or bring to the next meeting. Please place in an envelope marked dues. Don't just throw cash on the table.

OPAL FOR SALE!

I received an email on the club email site with an individual interested in selling some Australian Opal. This is average material and a price has not been set. The material originally belonged to Jim's father.

If you are interested in the material please call Jim Dickie 443-8837

California Shows And Events

2009

**February 27 - March 8, Imperial
Imperial Valley Gem and Mineral
Society, Inc.** Gem and Mineral Building
on Fairgrounds
Hours: Fri., Sat. & Sun. Noon - 10
Mon. through Thur. 4 p.m. - 10 p.m.
Jim Strain (760) 356-2361

**March 6, 7 & 8, Hayward
Mineral and Gem Society of Castro
Valley**
Centennial Hall
22292 Foothill Blvd.
Hours: Fri. & Sat. 10 - 6, Sun. 10-5
Larry Ham (510) 887-9007
E-mail: showchair@mgscv.org
Website: <http://www.mgscv.org>

**March 14-15, Turlock
Mother Lode Mineral Society**
Stanislaus County Fairgrounds
900 N. Broadway, Turlock
Hours: Sat. 10 - 6, Sun 10-5
Bud & Terry McMillin (209) 524-3494
Email: terry.mcmillin@yahoo.com
Website: www.motherlodemineralsociety.com
Show Website: www.turlockgemshow.com

**March 28-29, Calaveras
Calaveras Gem & Mineral Society**
Calaveras Frog Town USA Fairgrounds
Highway 49 in Angels Camp
Hours: Sat. 10-5; Sun. 10-4
Tak Iwata (209) 928-5579
Website: Calaverasgemandmineral.org

**March 28-29, Roseville
Roseville
Rock Rollers**
Placer County Fairgrounds
800 All America City Blvd., Roseville
Hours: Sat.10-5; Sun.10-4
Gloria Marie (530) 367-2262
Email: Gloria.Marie@Conservation.ca.gov
Website: www.rockrollers.com

**April 17, 18, 19, San Jose
54th Annual CFMS Show,
Nature's Showcase**
Hosted by the **Santa Clara Valley
Gem & Mineral Society**
Santa Clara County Fairgrounds
334 Tully Road
Hours: 10-5 Daily
Frank Mullaney (408) 265-1422
Email: info@scvgms.org
Website: www.scvgms.org

**November 21-22 Livermore
LITHORAMA 2009 Show and Sale,
Livermore Valley Lithophiles Gem &
Mineral Club; 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 Mineral-
ogical 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**

LITHORAMA 2009

Pat Iannucci and Nancy Bankhead will Co-Chair LITHORAMA 2009.

Thank you for taking on the job. Members please help by taking on one of the many jobs for the show. Pat and Nancy will need your help.

Bill Beiriger

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

Rock & Mineral Sale

Estate Sale in El Cerrito I-80 & Potrero Ave.
For info call Glenn Wegner (408) 257-8284.

Sale date February 21 - 22, 2009.

**See Lithophile web site and go to "Equip-
ment Sale Page"**

Rich Hunt and I (your editor) were talking at breakfast one weekend and Rich suggested that I do a series of articles on sand. I will start the series with this issue of the Lithogram.

Sand of the Month

Quartz Sand William Beiriger

The sand this month will be the most common of sands and sandstone, those composed primarily of quartz.

Most of continental ocean beaches and also the sands of large dune structures, rivers and lakes are composed of quartz sand. These sands can range in color from white, light tan, pink, orange to dark reds and browns. Most sands that are colored have coatings due to the presents of mainly oxides, in the case of reds, browns and oranges the oxide is iron. Most of the colors are adhered to the surface of the sand particles but can also be internally bound in the crystal.

Some of these quartz sands are very white and are very pure 99.5% silica with a formula of SiO_2 .

The best high purity sands in the United States come from the St. Peter Sandstones ranging from Minnesota to Missouri and from Illinois into Nebraska. A very large deposit of this sand is found at Ottawa, Illinois; the sand from that location has been given the name Ottawa Sand.

The St. Peter sands were formed in shallow lakes during the Ordovician Period (450 -500 myo).

Another important location is at Ione, California. This deposit is much more recent having an age from the Eocene Period (35-55 myo). This area extends for more than 200 mile along the western side of the Sierra Nevada Mountains.

The St. Peter sands are important for the glass industry and were used by Henry Ford for making windshields and headlights for his early cars. Other uses are: for sand casting of foundry parts, for abrasive sandpaper and the production of silicon carbide abrasives, and it is also used for making ceramics. In the oil and gas industry high quality sand is used to keep the fractures in the country rock open so that oil and gas can be extracted more easily. Large quantities of high purity silica sand are used for making the silicon for computer chips and solar cells.

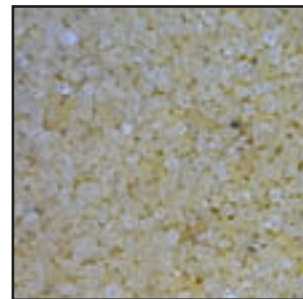
Lower quality silica sands are used in making concrete and for other uses in building products.



Ottawa, Illinois



Kanab, Utah



Floreffe, Belgium

Minutes of the Board Meeting

January 21, 2009

Board Meeting of 1/22/2009 was called to order at 7:30 PM by President Chris Hunt.

MEMBERS PRESENT: Bob Whiteside, Bob Trimmingham, Deloris Colonna, Ernie and Beth Myers, Bill Beiriger, Diane Day.

AUDIT REPORT:

Beth reported on the audit. All in order: bank statements, check-registers, etc. Beth made several copies of the reports for 2008 and 2007. She produced wonderful breakdowns of the various aspects of our finances, including:

- A breakdown of the Gorges material fund.
- A comparison report for 2007 and 2008 Lithorama's.

We also discussed getting a checking account with a better interest rate. This would complicate our tax situation. Decided instead to add more to the CD when it rolls over.

TREASURER'S REPORT:

Our new treasurer just got the books, so no report.

CORRESPONDENCE:

Bill B reports that Jim Dickey has some opal for sale. Not super-high quality, but nice from Australia. Will put an item in the newsletter.

Livermore Science Fair at Junction Ave. March 12. Need a couple of people to handle the booth. This conflicts with our regular meeting. How will we cover this?

Also the Dublin Science fair Mar 17, could use ~5 people.

Pat Iannucci and Nancy Bankhead are collaborating on the Lithorama.

February program: Bob Trimmingham will continue with the DVD about the Tuscon Mineral Show.

Bill Beiriger:

Education report. Bill has done numerous presentations and meetings with teachers.

Got a 25% educational discount on buying the 10 books. "1000 Facts

About Fossils." Will continue buying more books over time.

Bill requests more articles for the newsletter!

Bob T.

Investigated getting the Barn for sale of Mike Gorges rough material.

Price went up to over \$550. Consider getting Almond Park. Don't know if they'll let us do it there or charge us for use of that. Will need to haul rocks from Jim Gruver's house, and tables and rocks from the barn. May 9, 2009 (Saturday)

Deloris has registered us for the Wine Fest, but there's nobody in-charge at this point. May 2,3 2009.

OLD BUSINESS: Discussed getting a club phone number. Many old

References for us have very old phone numbers. Chris suggested no longer giving phone numbers for contact: Just give the web site and the

E-mail address. Decided to just do that: Don't provide a phone number (that'll be the wrong number over time), rather our web site and email address for the contact.

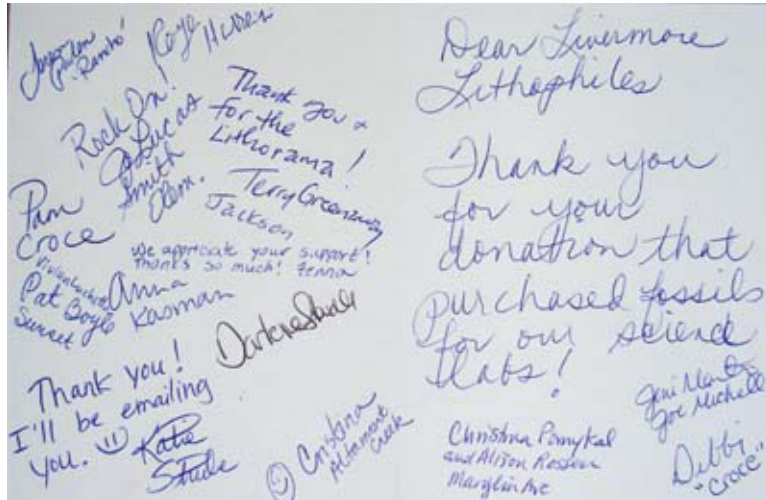
Chris reports on Bankhead Bricks. Price is \$150. No real rush, because they only fire the bricks a couple times a year, or as they get a "batch" to do. Chris started filling out the form. Needs a check from treasurer.

The meeting adjourned at 8:30 PM.

Bob Whiteside – Secretary

Shop open every Tuesday at 7:00 PM

General Meeting February 12th at 7:30 PM
Board Meeting February 26th at 7:30 PM



Thank you card from Livermore School Science Teachers
for money from LITHORAMA Crystal Project

STATE ROCKS, etc.

California

State Rock - Serpentine
 State Mineral - Gold
 State Fossil - Smilodon californica
 State Gemstone - Benitoite
 State Soil - San Joaquin Soil

Colorado

State Rock - Yule Marble
 State Gemstone - Aquamarine
 State Mineral - Rhodochrosite

Connecticut

State Mineral - Garnet
 State Fossil - Eubrontes Giganteus

Delaware

State Mineral - Sillimanite
 State Fossil - Belemnite

FIMO CLAY BEAD CLASS

Sunday February 15 at 1:00 PM
 At Nancy Bankheads
 Bring 2 Fimo Clay Blocks - your choice of colors
 \$6.00 per person
 Call Nancy 447-6375 or Beth Myers (408) 897-3060

Livermore Valley Lithophiles

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

Elected Officers and Club Information

Elected Officers:

President Chris Hunt (925) 443-5525
V. President Bill Snyder (925) 443-5497
Secretary Bob Whiteside (925) 455-1540
Treasurer Diane Day (925) 606-0888

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. at the Carnegie Building, 4th and J Streets, Livermore. 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. Call Lynn Zirkle, Shop Foreman, at (925) 443-2920.

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.

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