

Livermore

Lithogram



Volume XXXVI, Number 4 **Livermore Valley Lithophiles**
April 2011 **Livermore, California**

Next General Meeting:
 Thursday, April 14, 2011
Livermore Library Board Room
 7:30 PM

Program: Barry Parr, who will talk about searching for gold in the great outdoors.

Next Board Meeting:
 Thursday, April 28, 2011
 7:30 at 'The Shop'
 Members are welcome to attend!

Refreshments: Jane Crone and Albert Hess

Dues Are Due! - - No Dues No Lithogram

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MEETING LOCATION CHANGE
SEE PAGE -2-

Presidents Message:
 Hello everyone,

Yes, I'm REALLY happy to say hello this month. As you may have heard I got a wake-up call the morning of March 15, a heart attack. Fortunately it was mild, and Bill Beiriger and Deloris realized I was in trouble after I left my kitchen phone dangling and couldn't answer the dood. The paramedics did their usual fine job (I was never in pain) and after eight hours on a gurney (busy day) I had my own suite for four days (ed. no one wanted to hear about minerals for four days). Now Valley Care will be able to add another wing to the hospital. My task now is to avoid stress; don't ask me to polish any more left-handed cabs.

Two items of note: First, we meet April 14 at a new venue, the Director's Room at the Livermore Library on South Livermore Ave. See details in the Lithogram. Second, we will have a speaker, Barry Parr, who will talk about searching for gold in the great outdoors. If there is time we can finish the Rodochrosite VCR and view some of the red stuff from my collection. Brings yours too.

Bob Trimmingham, President

Meeting Location Change

**General meetings are at 7:30 pm
Second Thursday of each month,
except July & August**

We Are At A New Location

(Location May Change Each Month)

April 14th, Meeting

**Livermore Library
1188 S. Livermore Ave.
Civic Center Complex
Board Room - Room 103**

**Enter Front Door then take a Left - continue down
the curved hallway to the end.**

May Meeting will be in another room - Please Check Back.

Contact Bill Beiriger at (925) 443-5769.

Science Odyssey 2011

Science Odyssey was held at Junction School in Livermore. This year we were in a new room, which we did not share with the animals. We gave out a 'Circle the Word' puzzle with info for Lithorama 2011 and also a polished rock. We gave out 250 polished rocks and sent some of the students home without any.

I wish to thank Albert Hess and Joan B. for helping. Bob T. decided he didn't want to help this year, so he decided to have a mild heart attack.

Minutes of the General Meeting

March 10, 2011

MINUTES OF GENERAL MEETING

The meeting was called to order at 7.37 PM by President Bob Trimmingham.

Guests: Ed Lindsey and Daniel Stefanescu, employees of Lawrence Livermore National Laboratory (LLNL).

Sunshine: Ernie Davis, former club member, passed away on February 25.

Correspondence: The Parks Department requested our certificate of insurance which they claim has been delinquent since October of last year. In a phone call to Bill Beiriger, they indicated that we can no longer meet at the Carnegie Building (see New Business section).

Program: Our guest speaker, Daniel Stefanescu, presented a very interesting and informative talk on radioactivity as it relates to minerals. He showed us many examples of radioactive minerals that he has collected or acquired. As background, he described the formation of various atoms, the lighter ones being formed within stars and heavier atoms being formed in super novae. He also described the three basic types of radiation: alpha, beta, and gamma. After the program and break, the meeting continued.

Minutes: The February minutes were approved as printed.

Treasure's Report: Diane Day gave the Treasure's Report. Income included funds from the Shop and member dues. Expenses included material purchased by Dick Friesen at Tucson for the Club. Diane will be meeting soon with Beth Myers regarding the 2-year audit.

Lithogram: Bob Trimmingham publically thanked Beth Myers for her articles contained in the recent Lithograms.

Shop Report: Attendance at the Shop has been sporadic. Bill Beiriger indicated that he has not been contacted regarding a visit to the Shop by Livermore High School special education students.

CFMS Report: No report.

Workshops: Albert Hess brought up the possibility of having a workshop on knapping. He will look into the possibility and report back at the Board Meeting on March 24.

Field trips: - A field trip is planned for March 12 to the paleontology museum near Chowchilla. People who wish to carpool should meet at the Shop at 7:00 AM.

Schools: Bill Beiriger reported that he will speak to 4 classes next week. He will participate at the Junction Avenue School Science Fair on Thursday March 17. He would like one or two people to help, meeting at the school at 5:30 PM. Albert Hess indicated that he may be able to help as well as Bob Trimmingham.

Our guest speaker said that he didn't want a stipend for his presentation. It was decided to give the schools \$50 in Daniel Stefanescu's name in lieu of the stipend, as motioned by Bill Beiriger and seconded by Albert Hess.

Old Business: It was decided not to purchase bricks at the fairgrounds.

New Business: Albert Hess indicated that Colin of Caratti Jewelers wishes to sell a kiln. There was some discussion as to whether or not the kiln would be useful and suitable for the Shop (size, electrical demand, etc.). Albert will get more specific information on the kiln's size and cost.

Bill Beiriger related the circumstances as to why we are no longer able to have meetings at the Carnegie Building. The meeting room is to be converted to a children's drop-off center. Alternative meeting sites were mentioned including the library and the new recreation center. Both have cost, size, and scheduling constraints. We will have our next meeting at the new recreation center's small room pending a more final resolution of the problem.

Refreshments: Jane Crone and Albert Hess will provide refreshments for the April meeting.

The meeting adjourned at 9:30 PM.

Larry Patzkowski, Secretary
Larry Patzkowski, Secretary

Minutes of the Board Meeting

March 24, 2011

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

Those also in attendance included Bill Beiriger, Diane Day, Deloris Colonna, Nancy Bankhead, Andrea Rodrigues, Pat Iannucci, and Dick Friesen.

Correspondence: Bill Beiriger received a thank you card from the Livermore science teachers for our \$500 donation. He also received a thank you for our participation at the Junction Avenue science fair. E-mails were also received, one, from Gary Howard of Castro Valley High School asking if the Club would participate in their May 7 science fair. The other e-mail was more of an informational letter about a possible underground gold mine tour in the Alleghany area. Both of these subjects will be discussed at the General Meeting.

Treasure's Report: Diane Day gave her Treasure's Report which included income from one membership and expenses including a check to the Livermore Library for meeting room rental. The 2-year audit is still pending.

Lithogram: Bill Beiriger indicated that Beth Myers is preparing articles for the April and May issues. Bill Beiriger also indicated that he intends to do a monthly series on volcanoes, one for each month.

Shop Report: The Shop has not had too many persons lately, perhaps because of the weather. Dick Friesen noted that there has not been leaking from the ceiling despite the heavy rains, most of the historical water problems apparently have stemmed from the subfloor, which sits directly upon the underlying soil.

Program: The April program is planned to be a showing of the final portion of the rhodochrosite video. The May program may be a talk by Barry Parr on hiking and/or gold. Dianne Day will follow up and there is a possibility that Mr. Parr may be able to give the talk for the April meeting instead of May.

Federation Report: There was no Federation report.

Field Trips: No one made the field trip to the paleontology museum near Chowchilla. Field trips, made in conjunction with the Federation show in Anderson May 13, 14, and 15, are a possibility.

Schools: Bill Beiriger continues to speak to classes and had 2 classes last week and one next week and the possibility of a talk at Altamont Creek school and a Tracy school. Bill Beiriger and Albert Hess manned the Junction Avenue science fair on the 17th. A case featuring trilobites was displayed and a large number of polished stones were passed out. Nancy Bankhead brought up the idea of making our monetary presentations to the schools at school board meeting which are televised. This could engender good will and provide publicity for the Club. Bill Beiriger has yet to hear back about the proposed Shop visit by a group of Livermore High School Special Education students.

Lithorama: Nancy Bankhead stated that she would like to have a meeting next month at her home to discuss the Lithorama. Dick Friesen indicated that dealer invitations are out with the exception of Wild Things (Jamie). Dick also stated that it is too early to arrange for display cases for the show.

Old Business: Bob Trimmingham thanked Bill Beiriger for getting the Shop door lock fixed. Buckets are still being collected for the Mike Gorges material in storage at Nancy Bankhead's ranch.

New Business: Rooms at the Livermore Library have been reserved for the General Meetings until the summer break.

Bill Beiriger indicated that Joan wants to have someone take over the Christmas party.

The meeting adjourned at 8:22 PM

Larry Patzkowski, Secretary



Northern California Treasures

May 13, 14, and 15, 2011

**California Federation of Mineralogical Societies, Inc. Show
and Convention**

Shasta District Fairgrounds
Briggs St. - Anderson, CA
8 Miles South of Redding, CA

Hours:
Friday: 9am-5pm
Saturday: 9am-5pm
Sunday: 10am-4pm

Raffle
Speakers
World Class Displays
Silent Auction
Free Demonstrations

Adults: \$4.00
Seniors: 65+ \$3.00
Children: 13-18 - \$2.00
Children: 12 and Under - Free



Minerals
Fossils
Beads
Gems
Jewelry
Jewelry Supplies

Lots of stuff!
Loads of Fun!

**Come for Lunch and
stay through closing!**

Sponsored by California Federation of Mineralogical Societies, Inc.
Hosted by:
Superior California Gem and Mineral Association a combined association of:
Shasta Gem and Mineral Society, Inc. - Redding, CA. - www.shastagemandmineral.com
Paradise Gem and Mineral Club - Paradise, CA.
visit us at: www.superiorcal.com

The Second California Geological Survey – Part 1

By Elizabeth K. Myers

The California legislature, having received an appetizer in the form of the First Geological Survey, wanted an official survey of the entire state – including animals and plants. They appointed a well-known geologist, Josiah Dwight Whitney as State Geologist and Director of the second geological survey of California. (1860-1874) Whitney was a great scientific geologist who understood that good science had to underlie applied geology, perhaps the chief reason he was appointed. Or, possibly the legislature leaned toward J. D. Whitney on the basis of his book titled “The Metallic Wealth of the United States”. (Whitney, 1854) The Act naming Professor Whitney as the State Geologist was signed by Phil. Moore, speaker of the Assembly, J.N. Quinn, President of the Senate and was signed into law by Governor John G. Downey on April 21, 1860. For his services Whitney would receive \$6,000.00 per annum part of the \$20,000.00 set aside to cover the survey expenses, including the rest of his staff. It is notable the Act also stipulated that sales of publications as a result of the survey activities would go into the Common School Fund.

To help put the monumental undertaking of the Second Geological Survey into context, I’ll refer to Whitney’s address 3 months after his arrival in California on March 12, 1861 to the state legislature in San Francisco.

Whitney pointed out the first work of this kind was undertaken by France in 1822. England commenced their survey in 1836 and was still ongoing as of the date of his speech in 1861. In the United States the first geological survey was undertaken in 1824 of the country bordering the Erie Canal at the private expense of Stephen Van Rensselaer. In 1809 William Maclure, single-handed and alone worked to map the United States. He devoted many years to this survey laying the foundation of the survey science and provided a general idea of the mineral resources to be found.

North Carolina was the first state to order a geological survey in 1824; this was before any other country –except France. Massachusetts ordered a state survey in 1830 of the natural history of the state in all its departments – the first of its kind in the United States. Notable results of the Mass. survey are the volumes on forest trees by Mr. Emerson and Insect and Vegetation by Dr. Harris. New York, Pennsylvania, Virginia and Ohio commenced their surveys after Mass, with thirteen states having surveys in progress in 1861.

The US census on mining and mineral resources was spotty, unreliable and lacking in many ways. Whitney traveled through 25 states over three years (1852-1854) to collect the facts on mining that formed the basis for his 1854 book on the Metallic Wealth of the US. A volume that served as a standard reference for the next fifteen years.

In Part II of the Second California Geological Survey we’ll take a look at the specifics of the surveys tasks.

Beth,
Thank you for the articles.

California Shows And Events

2011

April 9-10, 2011 - Mariposa, CA
Mariposa Gem & Mineral Club
 Mariposa Co. Fairgrounds
 Hwy #49, 1.8 miles South of Mariposa
 Hours: Sat. 10-6 Sun. 10-5
 Diane (209) 742-7625
 Email: mineralmuseum@sti.net

April 9-10, 2011 - Paradise, CA
Paradise Gem & Mineral Society
 Elks Lodge 6309 Clark Road Hours: Sat
 10-5; Sun 10-4
 Manuel Garcia (530) 877-7324 Email:
 mmpg@earthlink.net
 Website: http://paradisegem.org

April 15-17, 2011 - San Jose, CA
Santa Clara Valley Gem & Mineral Society
 Santa Clara County Fairgrounds
 334 Tully Road
 Hours: Fri 9-5, Sat & Sun 10-5
 Frank Mullaney (408) 265-1422
 Email: info@scvngms.org

April 23-24, 2011 - Santa Cruz, CA
Santa Cruz Mineral & Gem Society
 Santa Cruz Civic Auditorium Corner of
 Church and Center St
 Hours: 10-5 both days Dean Welder (408)
 353-2675
 Email: wdcanwelder@yahoo.com Web-
 site: www.scmgs.org

May 7-8, 2011 - RENO, NV
Reno Gem and Mineral Society
 Reno Livestock Events Center Exhibit
 Hall 1350 N. Wells Ave.
 Hours: Sat. 10-5 Sun. 10-4 Ann Johnson
 (775)544-4937
 Email: ann.johnson.e@gmail.com www.
 renorockhounds.com

May 13-15, 2011 - ANDERSON,
 CA

****CFMS SHOW****

75 Years

Superior California G&M, Shasta
 G&M, Paradise G&M Societies
 Shasta District Fairgrounds - An-
 derson, CA
 Briggs Street (8 miles south of
 Redding)
 Hours: Fri. & Sat. 9-5; Sun. 10-4
 Show Chairman: Steve Puderbough
 - steve@applyaline.com
 Website: www.superiorcal.com &
 www.shastagemandmineral.com

May 21-22, 2011 - JACKSON, CA
Fossils For Fun Society
 Kennedy Mine 12954 Kennedy Mine
 Road Hours: 9-5 daily
 Debbie Bunn (916) 929-6665 Email:
 fossilsforfun@hotmail.com
 Website: www.fossilsforfun.org

November 19 & 20, 2011 Livermore
 LITHORAMA 2011 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

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

Show information is available at
 the California Federation of Min-
 eralogical Societies website: **www.
 cfmsinc.org**

Additional Resources:

**American Federation of Mineralogi-
 cal Societies website: www.amfed.org**

**American Lands Access Association
 website: www.amerlands.org**

**CO-OP website: www.coop.freeserv-
 ers.com**

Dues Are Due! - - No Dues - - No Lithogram
Because of the Meeting Location Change you have received this Lithogram
This will be the last Lithogram for Members who do not pay their
2011 Dues!

Livermore Valley Lithophiles

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



Elected Officers and Club Information

Elected Officers:

President Bob Trimmingham (925) 443-5983
V. President Bill Snyder (925) 443-5497
Secretary Larry Patzkowski (925) 426-7768
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. 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.

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Livermore, CA 94551-0626,
email: info@lithophiles.com

Shop open every Tuesday at 7:00 PM

General Meeting April 14th at 6:00 PM
Board Meeting April 28th 7:30 PM -The Shop