

# Livermore

# Lithogram



**Volume XXXV, Number 5**  
**May 2010**

**Livermore Valley Lithophiles**  
**Livermore, California**

Next General Meeting:  
 Thursday, May 13, 2010  
 Carnegie Building, 4th and 'J' Streets  
 7:30 PM

**Program:** We will have a video program.

Next Board Meeting:  
 Thursday, May 27, 2010  
 The SHOP, 7:30 PM  
 Members are welcome to attend!

**Refreshments:**  
 Diane Day & Bob Trimmingham



**Inside this issue:**

General Meeting Minutes 4-8	<b>2</b>
Beading Information	<b>3</b>
Board Meeting Minutes 4-22	<b>4</b>
Shop Square Wire Class	<b>5</b>
Wire Wrap Class Photos	<b>5</b>
Articles of Interest	<b>6</b>
California Shows & Events	<b>7</b>
Field Trips	<b>7</b>
Nine Days In The Nevada Desert	<b>8/9</b>

**Presidents Message:**

Hello everyone,

The Alameda Co. Fair is approaching and Diane, with your help, will enter a club case for us. The theme is grapes and wine, and these will provide the motif for case decoration. Colorful California rocks, minerals, gemstones and jewelry provide the display articles. Bring three or four of your best pieces to the May 13 meeting, with labels for Diane's use of course. While northern California material and wine country colors are preferred, they are not essential. I will bring flats with cotton-lined boxes for safe storage of the consigned items. This is an important club effort. Please help if you can.

The program for May will be the second part of the video program "Darwin's Dilemma." This is an excellent and interesting program on the evolution of life as deduced from the fossil record. The graphics will grab you. Do you have some Cambrian fossils? Bring them.

The Black Chasm field trip is now set for Saturday, May 15. Car-pooling will be discussed at the meeting. I look forward to seeing you there.

Bob Trimmingham, President

**Minutes of the General Meeting**

April 8, 2010

The meeting was called to order at 7:28 PM by President Bob Trimmingham.

**Guests:** No guests were present.

**Correspondence:** The Club received a thank you letter from the Livermore schools for our \$350 donation (crystal growing). Bill Beiriger received an e-mail thanking him for his activities at their Science fair. Bill also received an e-mail from the San Leandro Library enquiring about our participation in the April 14 function. Bill will respond to the e-mail indicating that we will participate; Bob Trimmingham and Delores will man the wheel.

**Sunshine:** No announcements were made.

**Minutes:** The minutes were accepted as published.

**Treasure's Report:** Diane Day gave the treasure's report. Income for the month was from the shop and membership dues.

**Lithogram:** Beth Myers' article in the CFMS newsletter on how to reach new and prospective members may be included in the May Lithogram. Bill Beiriger stated that articles of interest from members are needed as there are 2 empty pages that need to be filled. Please submit any articles via computer so that they will not need to be retyped.

**Shop Report:** No formal shop report; everything appears to be going well at the shop.

**CFMS Report:** Bob Whiteside reported that the classes at Camp Paradise have many slots still open for the May 16-22 and 23-29 class sessions. Bob has forms for the classes.

**Field Trips:** A field trip to Agate Beach is set for Saturday April 17. A trip to Mt. Diablo on May 1 was discussed. The cost is \$10/car and starts at the top of the mountain and proceeds down the hill stopping at a number of significant geologic features. The trip is about one hour long. Contact Bill Beiriger for more information.

**Lithorama:** No new developments. As Dick Friesen will not be able to attend the show, we need someone to be there to coordinate with dealers, demonstrators, and exhibitors.

**Work Shops:** Lee Chavez, a silversmith from Gilroy, may present a class. Contact Diane Day if interested.

**Schools:** Bill Beiriger reported that he gave talks to about 40 second grade students in Tracy a couple of weeks ago. He also gave one of the fluorescent kits to Pat Boyle of the Sunset schools. Our donations of fluorescent kits and books to the Livermore schools will be made after the new school year starts, when the school operations will be more fully known.

**Fair Case:** Diane Day will prepare the Fair case. A possible case theme dealing with local or California rocks and minerals incorporating the Fair's wine theme was discussed. A decision and details will be worked on at the May meeting.

**Festivals:** The Club will participate again at the San Leandro Library function.

**Old Business:** Nancy Bankhead reported that the Arts Council’s sponsored play, “Rent,” is a “hilarious” musical. Los Positas College is benefitting from the event.

**New Business:** None

**Program:** The program was presented after the break and refreshments. The program was comprised of the first, approximate half, of the video, entitled “Darwin’s Dilemma” which deals with the mystery of the Cambrian fossil record. The video discusses an explosion in the Cambrian period where many species appeared without an apparent preceding evolutionary sequence. Lanny Thompson brought the video. The balance of the video will probably be shown at the May meeting.

The meeting adjourned at 9:00 PM.

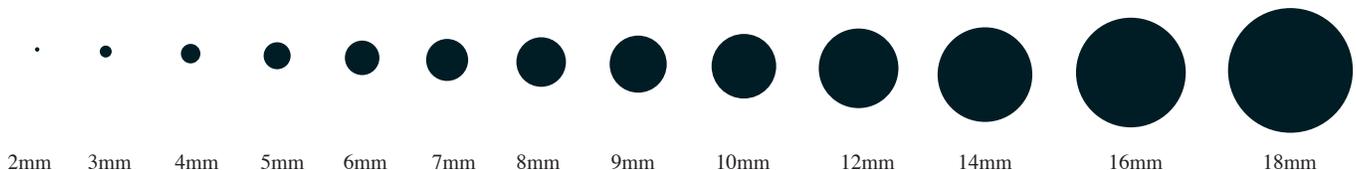
Larry Patzkowski, Secretary

From the Brantford Lapidary and Mineral Society, Inc  
 Brantford, Ontario, Canada  
 January 2008  
 via, S.C.R.I.B.E.

### Bead Size and Beads Per Inch

Sometimes, even veteran beaders have a difficult time visualizing exactly what an 8mm bead looks like and how many will fit into their latest creation. Here are some resources that may help:

Bead Size	Approximate Number of Beads Per:					
	1"	7"	16"	24"	32"	36"
2mm	8.25	57	203	200	265	288
3mm	8.25	57	132	200	265	288
4mm	6.25	43	100	150	200	225
5mm	5	35	82	124	160	180
6mm	4.25	28	67	100	132	153
7mm	3.5	24	57	85	114	126
8mm	3.25	22	50	75	100	112
9mm	2.75	19	45	67	90	101
10mm	2.5	18	40	60	80	90
12mm	2	15	33	50	66	72
14mm	1.75	13	29	43	56	63
16mm	1.5	11	25	38	50	54
18mm	1.25	10	23	34	45	51



## Minutes of the Board Meeting

April 22, 2010

The meeting was called to order at the Barn at 7.30 PM by President Bob Trimmingham.

Those also in attendance included Delores Colonna, Diane Day, Dick Friesen, Chris Hunt, and Bob Whiteside.

**Announcements:** - None.

**Correspondence:** A few ads/notices from other clubs.

**Treasure's Report:** Diane Day gave an update of the treasure's report. Limited income was from membership dues, meeting raffle. and the Shop.

**Lithogram:** Nothing new.

**Work Shops:** Nothing new.

**Shop Report:** Nothing new.

**CFMS Report:** No report. A reminder of the show in Whittier in June 18-20 was made. Dick Friesen will enter a competition case of jade cabochons at the show. Bill Beiriger will enter Micro-Mount Diamonds and Educational Case.

**Program:** We will watch the rest of the video, entitled "Darwin's Dilemma" as time allows.

**Field Trips:** Bob Whiteside went to the Agate Beach field trip on Saturday April 17. He did not notice other club members although Nancy Bankhead was thought to have gone. He found a few small pieces of agate. There was a discussion regarding thought restrictions on collecting at the site. The trip to Mt. Diablo is May 1. A tentative field trip to Black Chasm is on May 15.

**Lithorama:** Nothing new.

**Schools:** Nothing new.

**Fair Case:** As this year's fair theme is "Wine," Dianne Day offered an idea including a case featuring a "vineyard setting" with, if possible wine, colored California rocks and minerals. Material is needed from members.

**Festivals:** Most likely, the Club will participate at the San Leandro Library function again this year.

**Old Business:** Chris Hunt brought a November 2009 application for a Livermore business license application. It will be looked into.

**New Business:** Chris Hunt made the suggestion that a designated representative from the Club be present at Club field trips to interact with members from other clubs that happen to attend our field trips. The suggestion was well received.

Bob Whiteside suggested that the Club be more aggressive in donating the funds derived from the sales of Mike Gorges' materials to support schools' science activities. A discussion followed where it was pointed out the Mike Gorges funds are included within the Clubs account and are not separate. It

was discussed to set up a separate account for the Gorges' funds. A motion to do so was made by Bob Whiteside and second by Dick Friesen; the motion passed by voice vote. Diane Day will look into how to accomplish this.

**Refreshments:** Bob Trimmingham and Diane Day will bring refreshments for the May 13 meeting.

The meeting adjourned at 8:18 PM

Larry Patzkowski, Secretary

### Photos from Jan Watling's Wire Wrap Class on March 13, 2010



(L-R) Chris Hunt, Jan Watling, Dianne Merlone and Shana Scott



## Lithorama

By: Bill Beiriger

Dick Friesen has contacted all of the Dealers for our show. Dick will **NOT** be here for the show.

It is now time for all of our members to start looking for Exhibitors for Lithorama. I will do the Children's Corner

This Society as a group will be responsible for Making OUR Show Work or Fail.

## Children's Corner

by: Bill Beiriger

Well I have completed, I think, my presentations to the students in the elementary schools in Livermore. This year I had about 695 students in the classes. I also did two second grade classes at a school in Tracy. I follow the curriculum for each of the grade levels that is set by the State of California.

My presentation for the second grader's is on fossils with the major portion centering on the dinosaurs. This is a very eye opening experience for most of the children because of the hands-on material I use in the classroom. I have dinosaur bones, eggs, teeth, a gastrolith, a footprint and a coprolite. I also have a *Mesosaur* which lived before the dinosaurs plus several other fossils. A gastrolith is the scientific name for a gizzard stone; some dinosaurs had a gizzard for processing food just as modern birds do. The name coprolite is the proper name for poop, yes that's right poop and by taking a this-section of the poop you can learn what type of plant material the dinosaur ate. All of the materials I use in the classroom are the real things, with the exception of a replica Saber Toothed Cat tooth. Most of the children have not seen, let-alone had a chance to handle many of the items.

In the fourth grade classes I spend most of the time with minerals and a just a little time about the different rock types. Most of the teachers have presented the basic information on identifying minerals by their physical characteristics. So, I start on how minerals are made of one or more elements and that elements are the basic building material of everything on earth. The definition for a mineral is, "a material that has an internal crystal structure and it occurs naturally in nature." Not only are elements the basic building material, but many of these elements are also minerals, due to the fact that they can be found in nature in their elemental state. Some of these include copper, silver, gold, sulfur and mercury. I show how two elements when combined form a mineral that can be a different color then what you may expect. And that the new color does not follow the color you get when mixing to paints together.

I also talk about the dangers of materials like asbestos and mercury. Under safety I tell them to wash their hands with soap and water and not to use

modern hand sanitizer which only kill germs.

They also learn how we get important minerals into our diet by eating fruits and vegetables.

## MEMBERSHIP COMMITTEE

Silver Bullets

Welcoming New Members

&

New Member Orientation

By Beth Myers

(from the CFMS Newsletter)

Once a new individual attends one of your General Membership meetings, how do you "make them feel welcome" and make them excited about joining your society? Here is how one society has developed a process that is VERY impressive:

Prior to each General Membership meeting, the society conducts a New Member Orientation at which all new members (as well as current members) are invited and encouraged to attend. At the start of each orientation, each new member receives a 3-ring binder containing 77 pages of information including:

- A brief history of the Society
- A list of Officers, Directors and Committee Chairpersons
- Field Trip information and schedule of trips
- Lapidary information, shop location and hours
- Camp Paradise and Zzyzx information and photos
- AFMS and CFMS information
- Junior Program
- Education Program
- Rock and Gem Shows
- Scholarship information
- Quartzsite and Tucson information, etc.

And, just recently, the entire program was placed on a CD and is projected on a screen during the orientation. It doesn't get any better than this!

Finally, once the new members begin attending the General Membership meetings, each of this society's officers are encouraged to sit next to them to help them feel "welcomed"

# California Shows And Events

## 2010

**May 8-9, 2010** RENO, NEVADA: "Jackpot of Gems"; **Reno Gem & Mineral Society**; Reno Livestock Events Center Exhibit Hall, 1350 N. Wells Ave.

**June 18, 19, 20, 2010**, Whitter, CA  
**CFMS / AFMS / NOCGMS SHOW**  
**North Orange County Gem & Mineral Society**  
 website [www.nocgms.com/show/index.htm](http://www.nocgms.com/show/index.htm)

**November 20-21, 2010** Livermore LITHORAMA 2010 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](http://www.lithophiles.org)

Show information is available at the **California Federation of Mineralogical Societies** website: [www.cfmsinc.org](http://www.cfmsinc.org)

### Additional Resources:

**American Federation of Mineralogical Societies** website: [www.amfed.org](http://www.amfed.org)

**American Lands Access Association** website: [www.amerlands.org](http://www.amerlands.org)

**CO-OP** website: [www.coop.freeservers.com](http://www.coop.freeservers.com)

The California Federation of Mineralogical Societies web page [www.cfmsinc.org](http://www.cfmsinc.org) gives everyone access to the CFMS Newsletter.

## Field Trips

**May 15-16, 2010** Majuba Mtn, NV, for various minerals, sponsored by Nevada County GMS (CO-OP)

**May 22-23, 2010** Talapoosa Mtn, NV, for agate, sponsored by El Dorado MGS (CO-OP)

**May 29-31, 2010** Blue Forest, Wyoming, for petrified wood  
 AFMS Inter Regional, Doug True

**June 20, 2010** Spider Mine, rhodonite, SFGMS

**July 3, 4, 5, 2010** Petersen Pk (Hallelujah), Virginia City, NV, for quartz crystals, Sutter Buttes Club Gerry Hill

**The article on the next two pages was when the Lithophiles Made It Big.**

**I Mean Made It Real Big!**

**Our club field trip to the desert was covered in  
 Gems and Minerals Magazine in May 1959**

**I had planned on using this last year for the 50th Anniversary of the trip  
 but I lost the magazine, so here it is for the 51st Anniversary.**

## Nine Days In Nevada

By: Mary Frances Berkholz

Field Trip Editor

Gems and Minerals Magazine

May 1959



Singing Sands Mountain in Nevada.

Families or groups will find planned trips fun, as this group did in—

## Nine Days In Nevada

By Mary Frances Berkholz

Field Trip Editor

The Livermore Valley Lithophiles are an energetic and enthusiastic group of rock collectors. They find particular enjoyment in making field trips together. But, like so many groups, they have found that weekends just don't allow them time to visit areas any great distance from their immediate vicinity. In January of 1958, after a great deal of discussion, they decided to take a nine day field trip to Nevada. The object was to visit as many areas as possible yet have time to do some worthwhile collecting.

Many groups and individuals are interested in planning a vacation that includes collecting as well as sightseeing. Here is how the Livermore Valley Lithophiles arranged their trip, including excerpts from the daily log kept by club

secretary, Betty Levens. So successful was this venture they are now planning another trek, possibly to Utah.

Ben Klus was the conductor of the trip. He planned the itinerary and by February had the club secretary contacting the various people whose help would be needed.

From the Forestry Service they received pamphlets on camping equipment, food suggestions, wilderness code and safety instructions. (Another excellent source of camping and road information is the Automobile Club of Southern California or any A.A.A.)

Mr. Klus arranged for the trip to cover 1170 miles. His plans allowed an average of 50 to 60 miles driving between points. This gave ample time to collect, included a rest during the

heat of the day, and allowed for setting up camp in the late afternoon.

Each member received a copy of the itinerary well in advance of the trip. This gave each day's destination, type of roads, distance, collecting material to look for, and any historical or scenic areas of interest. A suggestion list was also included giving information on tools needed for collecting, extra car equipment, camping gear, food, etc. It aided greatly in knowing just what would be needed on the trip.

*Saturday, Aug. 2 — Area 1*

This well organized trip began when the group met the trip leader, Ben Klus, at Bridgeport, California. The caravan proceeded to Bodie and camped for the night.

Bodie had the reputation of being the wildest mining camp in the west. It produced an estimated 70 million dollars in bullion from 1859 to 1883. During its heyday 30 mines and mills were operating and a population of over 12,000 was reported. Life in Bodie was far from dull with 30 gin mills and gambling halls to entertain the miners. "Lead slinging" was a common occurrence.

The town was named for W. S. Body,

**Photos by  
Walter Damon and B. M. Klus**

the prospector who first discovered placer gold in the area. Later, he discovered the quartz-gold bearing veins and the big boom was on. Today Bodie is a ghost town. Old buildings, mines, mills, ruins, cemeteries and a museum make this an interesting place to visit.

*Sunday, August 3*

The Lithophiles met with J. D. Ray, museum director of Bodie. (P.O. Box 1251, Leevining, Calif.) Mr. Ray took them to an area where calcite and quartz crystals were found. They also collected "Nova Scotia pebbles." These are stones that were imported for use in grinding the gold ore. Leaving Bodie the group continued on to Yerington and camped for the night.

*Area 2*

A visit to Aurora, Nevada, should be included when you are in this area. Aurora is also a ghost town and lies 15 miles northeast of Bodie. Aurora has the rare distinction of having been the country seat of two counties at the same time, Mono, California, and Esmeralda, Nevada. When Mono County was created in 1861, California felt the



The Livermore Lithophiles found plenty of room to camp at Dead Horse Well, Nevada. It's big country with plenty of rocks.

MAY 1959—GEMS & MINERALS—31

**To Be Continued in the June LITHOGRAM**

## 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](http://www.lithophiles.org)



## Elected Officers and Club Information

### Elected Officers:

**President**     **Bob Trimmingham (925) 443-5983**  
**V. President**   **Chris Hunt (925) 443-5525**  
**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. 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.

**Editor:**  
Bill Beiriger,  
Livermore, CA 94551-0626,  
email: info@lithophiles.com

**Shop open every Tuesday at 7:00 PM**

**General Meeting May 13th at 7:30 PM**  
**Board Meeting May 27th at 7:30 PM**