

Breccia

Santa Clara Valley Gem and Mineral Society (SCVG&MS)

P.O. Box 54 San Jose, CA 95103-0054
<http://chriscox.org/scvgms>
Email: scvgms@aol.com
Phone: (408) 265-1422

An Invitation

This society is pleased to invite guests to attend general meetings, study groups, and field trips. General meetings are normally held the fourth Tuesday of every month at 7:45 PM at 100 Belwood Gateway (The Cabana Club), Los Gatos, CA 95032. Belwood Gateway is just south on Blossom Hill between Leigh Avenue and Harwood.

Society Purpose: The inculcation of a love of rocks and minerals by the furtherance of member's interests in the earth sciences, and by education in all facets of related educational activities with the promotion of good fellowship, proper ethics, and conduct.

Membership Requirements: Attendance at two general meeting within twelve months. This society is a member of California Federation of Mineralogical Societies (CFMS) and is affiliated with the American Federation of Mineralogical Societies (AFMS). Dues are \$10.00 per year.

General Meeting: will be Sept 28, 04 at the Cabana Club, 100 Belwood Gateway, Los Gatos, CA 95032 at 7:45 PM.

Board Meeting: will be Sept 30, 04 at John Bahr's Home, 4991 Corbin Ave, San Jose, CA 95118 at 7:30 PM. (408) 267-1620.

Study Groups

Facet Cutters: Next meeting on the first Tuesday of October, 10-5-04 at 7:30 PM at Bill Norton's Home, 276 Belblossom Way, Los Gatos, Ca 95032 (408) 356-8245.

Mineraleers: Next meeting on the second Monday of September, 9-13-04 at 7:30 PM at Pat Speece's Home, 2357 Loma Park Court, San Jose, CA 95124, (408) 266-4327

Beaders: Next meeting on the second Thursday of October, 10-14-04 at 7:30 PM at Pat Speece's home, 2357 Loma Park Court, San Jose, CA 95124 (408) 266-4327.

Carvers: Next meeting to be announced in the October Breccia. For more infor-

mation contact Herb Vogel (408) 247-1018

Fossils: Call Gail Matthews (650)962-9960 if you are interested in joining this group.

Silversmithing: Kelly Van Vleck and John Bahr are considering having an advanced class and a beginning class in the spring of 2005. For more information call Kelly at (408) 262-8187.

Cutaways: The date and location to be announced at the September Meeting. For more information call Randy Harris, (831) 438-5150.

Juniors: Meetings are announced at general club meetings. For more information call Mark Wartenberg (650) 568-6114.

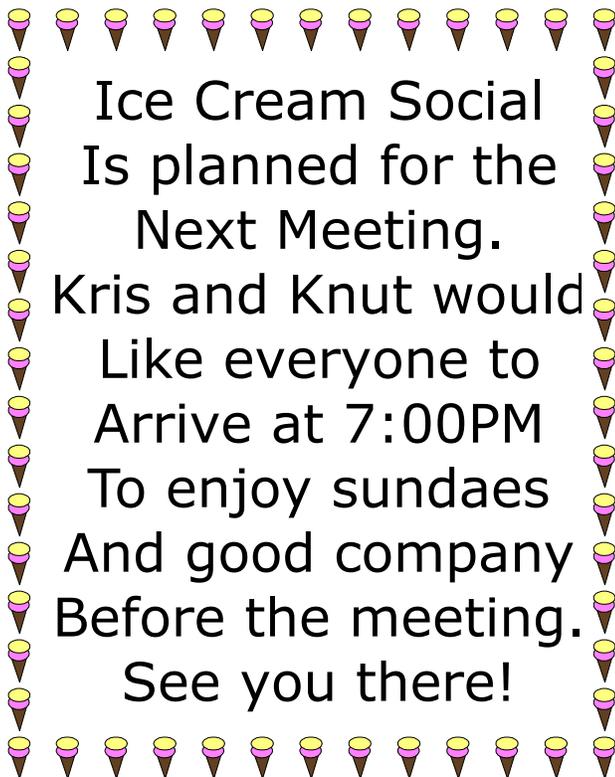
Marc's Message

The year is beginning to draw to a close and we need to think about several items ahead of time. First is next years officers and directors. Included in last month's Breccia is the time and talent questionnaires. I encourage all of the members to fill them out and get them in by the end of September. We will be voting in a nomination committee that will use the input to form next year's officers and board members. It will be much easier if all the members have indicated how they will help out. PLEASE REMEMBER THAT THIS CLUB ONLY WORKS WITH YOUR PARTICIPATION. I have heard the complaint that the same group is always making the decisions. Now is your chance to get onto the Board of Directors or become an Officer and participate in the governing of your Club. Fill out the time and talent as an indication of how you want to help your Club.

We also started a new project at the last general meeting. It is called the secret auction. Every month a member (or interested guest) brings in a rock or other item that they would be willing to buy. A secret bid is undertaken during the meeting and the results are published in the Breccia. Have a good month and see you at the September general meeting
Marc

June's Jabberings

While change is many times something that most people don't look forward to, the opportunity is here for everyone in our club to have a say in where this group is going. Your "Time and Talent" forms need to be filled out and turned in. They were in the August Breccia. This is your voice, if you are unwilling commit the time to your organization, you really can't expect change to happen in a way that you would like. I sincerely hope that we will not have a white ballot this year and that many people will step up to serve. Your chance is now to make this organization everything that you would like it to be and so much more. I have to say that being a part of the board has been an enlightening experience. I'm truly thankful that the board members have been so patient with me and have been so open to new ideas. How about sharing some of your ideas as well?
June



Ice Cream Social
Is planned for the
Next Meeting.
Kris and Knut would
Like everyone to
Arrive at 7:00PM
To enjoy sundaes
And good company
Before the meeting.
See you there!

SECRET AUCTION WINNER

RK OWEN WAS OUR LUCKY WINNER OF OUR FIRST EVER SECRET AUCTION. HE BID \$17.00 FOR A LARGE PIECE OF PETRIFIED WOOD.

INTERESTED IN HOW THIS AUCTION WORKS? SOMEONE IN THE CLUB DONATES A PIECE OF MATERIAL, AND ANYONE INTERESTED IN THE PIECE, PLACES A SECRET BID. HIGHEST BIDDER IS ANNOUNCED IN THE NEXT MONTH'S BRECCIA AND MAY PICK UP AND PAY FOR THEIR PRIZE AT THE NEXT MEETING. FOR THE SEPTEMBER MEETING, JOHN EICHHORN WILL BE DONATING A PIECE FOR THE SECRET AUCTION. BE SURE TO VISIT THE TABLE AND PLACE YOUR BID.

Check out what our study groups are doing!!

CUTAWAY'S

THE CUTAWAYS HAVE POSTPONED THEIR FIRST MEETING UNTIL OCTOBER. THEIR MEETING DATE AND PLACE WILL BE ANNOUNCED AT THE NEXT MEETING.

MINERALEERS

THE MINERALEERS WILL RESUME MEETING ON SEPT 13, 2004, AT 7:30 PM AT PAT SPEECE'S HOME 2357 LOMA PARK COURT, SAN JOSE, 95124 (408) 266-4327. ANYONE WHO IS INTERESTED IN LEARNING MORE ABOUT MINERALS AND THE MINERALEERS, PLEASE CALL THE ABOVE NUMBER.

Fossileers

Call Gail Matthews (650) 962-9960 if you are interested in joining this group.

Facet Cutters

The Facet Cutters will have their next meeting on October 5 at the home of Bill Norton, 276 Bellblossom Way, Los Gatos, 95032, (408) 356-8254. They welcome anyone who is interested in faceting to attend.

Beaders/ Stringers

Mary Lu Ferrara and Pat Speece are the instructors for the bead stringing classes. The class location will alternate between the homes of Mary Lu and Pat. The classes start on the second Thursdays starting October 2004 and ending May 2005. There will be a pre-view, sign-up and list of projects and tools, supplies necessary at the Sept. general meeting. There is a complete list of projects and time schedule in the June Breccia. For more info call Pat (408) 266-4327.

Silversmithing

The latest series of classes is just finishing up with great success. Kelly and John are considering resuming introductory classes and possibly an advanced class for spring of 2005. Contact Kelly Van Vleck for more information (408) 262-8187.

Carvers

Next meeting to be announced in the October Breccia. For more information contact Herb Vogel (408) 247-1018

Member Display

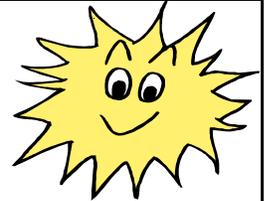
Not only did we have John Stockwell's Thunder egg/geode collection to look at, we had some other interesting member displays as well. Kathi Peverini shared some beautiful Cabochons she had made and Ted Peverini shared a beautiful specimen of Hematite, iron ore and maybe some other minerals. He told of digging it up himself. It can't get any better. He also had some Mariposite and a specimen from the Clear Creek area. The Silversmithing class shared what they had made and some work in progress. Kelly is proud of us. John and Silvia Palmieri brought in a wonderful collection of Native American Art-work, many purchased on their trip, from the Native Americans that actually made them. Vases and Kachinas that were unique and fascinating to look at. The Owens family shared some collecting they have done in local areas that many of us have frequented. They even had a piece of the Cement Boat that had washed ashore at Sea Cliff Beach. They also shared some specimens from Utah and Deluth, Minnesota. A great family collection. Thank you all for sharing these with us.

For the September meeting we hope to have sharing from Clair Rucker, Doris Smith, Ernestine Smith, Anthony Scott, Patricia Speece, Keesa Stewart, John and Eva Surrell, Matt Surrell, Gary Sypherd, and Lynn Toschi. See You There!!!



Have you looked
at our library lately?
Come check out
the book
Kelly Van Vleck
donated. It's called
"The Art of Faberge"
by John Booth. It looks
very interesting.

SUNSHINE REPORT



ALICE MC CAMMON SENDS WORD THAT SHE IS HEALTHY AND GETTING AROUND WELL. RICK REEDER HAS RECENTLY BEEN DIAGNOSED WITH PARKINSONS DISEASE. HE WILL HAVE TO GIVE UP HAULING HIS TRAILER. IF YOU KNOW ANYONE IN OUR CLUB THAT IS ILL, HOSPITALIZED, OR HAS HAD A LOVED ONE PASS AWAY, PLEASE CALL SUZI, (408) 267-1620

Program Review

John Stockwell gave most enlightening and educational program on thunder eggs. He covered the distribution, geologic setting, and formation of Thunder eggs. John explained the difference between a geode and a thunder egg in great detail. He also covered the many theories regarding the formation of thunder eggs. His Power Point presentation had a great number slides of different thunder eggs and geodes from around the world, and they were quite spectacular. Thank you to John for a wonderful program and sharing his collection with our club.

Member News

Our newest member is Adam Yamashita. He is George and Jane Yamashita's son. Adam's address and info are as follows: 122 Wolverine Way, Scotts Valley, CA 95066, (831) 335-9460. Adam is interested in cutting, polishing, and geology. Let's make him feel welcome.

Congratulations to Cody Hack! He's a freshman at San Diego State. Good Luck!!

SCVGM&MS Calendar

Sept 13, Mineraleers Meeting
7:30 PM at Pat Speece's Home
2357 Loma Park Court, San
Jose 95124 (408) 266-2347

September 28 General Meeting
at the Cabana Club (100 Bel-
wood Gateway, Los Gatos)
7:45PM Program "Earth Sci-
ence Presentation"

September 30- Board Meeting
at John Bahr's at 7:30 pm ,
4991 Corbin Ave, San Jose,
95118 (408) 267-1620

October 5 Facet Cutter's Meet-
ing 7:30 PM at Bill Norton's
Home 276 Belblossom, Los
Gatos, CA 95032 (408) 356-
8245

October 14, Beader's/Stringers
Meeting 7:30 PM at Pat
Speece's Home 2357 Loma
Park Court, San Jose 95124
(408) 266-2347

October 21 Show meeting 7:30
PM at Frank Mullaney's home
5705 Begonia Dr. San Jose, CA
95124 (408) 266-1791

October 26- General Meeting
(Nominating Committee
elected) at the Cabana Club
(100 Belwood Gateway, Los
Gatos) 7:45PM Program "Why
Join a Club Study Group?"

October 28 Board meeting at
June Harris' at 7:30 107 Dell
Way, Scotts Valley 95066 (831)
438-5150

November 23 General Meeting,
Election of Officers, and Silent
Auction at the Cabana Club
(100 Belwood Gateway, Los
Gatos) 7:45PM Board meeting
immediately following general
meeting.

December 7 The installation
dinner at the Three Flames Res-
taurant at 1547 Meridian Ave,
San Jose, 408-269-3133 Time
to be announced Remember to
bring a unwrapped toy for Toys
for Tots.

December 9 Board Meeting at
John Eichhorns at 7:30 PM 703
San Conrado Terrace, Apt4,
Sunnyvale, CA 94086 (408)
749-0523

PLAC Report

One of the many concerns involving rock-
hounding on public land is current and upcoming
legislation in Congress. Currently there is a lawsuit
that the Public Lands for the People (PLP) has filed
regarding this matter. For more information re-
garding the current federal regulations and the lat-
est on this endeavor, please look up the following
websites.

www.cfmsinc.org go to newsletters section and
look under the legislative update.

www.icmj.com This is the ICMJ's prospecting and
mining journal site.

www.regulations.gov/freddocs/04-15483.htm

www.amfed.org This is the AFMS Website. Infor-
mation may be found on page 7 of the newslettr.

www.plp2.org This is the PLP's Website.

September Program will be an Earth Science Presentation

Field Trips for 2004

By Bill Gissler, North Bay Field Trip and CO-OP Coordinator

SCBG&MS through its participation in the North Bay Field Trip Group (Primarily Greater San Francisco Bay Area Clubs) and the CO-OP plan to go on any of these trips, Group (Primarily Sierra Foothill Clubs) has access to an outstanding field trip program for 2004. If you please call the listed field trip leader beforehand for further information. With planning this far in advance, things do change. Remember to wear your name badge, sign in with the leader, and share your experience with our club. New additions to this listing are listed in bold italics

Sept 12 Ebbetts Pass, on Route 4, CA for petrified Wood. El Dorado Co. Club, Contact Barbara Terrill (530) 676-2375 Rockit@directcon.net or Fossils for Fun Club Contact Keith Lindholm, (916) 638-2314 Gaias@softcom.net

Oct 2 Soapstone Ridge (Coulterville, CA) for soapstone. Calaveras Co. Club. Contact Will Corey (209) 383-5037 Wwillcorey@aol.com

Oct 2-3 Ludwig, NV (Old Wilson Claim) for copper minerals, alabaster, seleniumite, iron pyrite, etc. Roseville Rock Rollers contact Jim Barton, (916) 773-0458, cell (916) 847 7321 geologist1@surewest.net or Dan Brown, (209) 296-6466 Danbrown@volcano.net

Oct 9-10 Searles Lake, CA in conjunction with the Trona Club's Show, for mineral specimens. Roseville Rock Rollers Club Contact: Jim

Barton (916) 773-0458 geologist1@surewest.net

Nov 24-28 Annual Thanksgiving Trip Sites to be determined later. Mother Lode Club Contacts: Marion Roberts (209) 538-0197 mvroberts@bigvalley.net or Al Troglin (209)838-7725 shnalrokhound@yahoo.com

2005 Show Report

A show meeting was held at Frank & Julaine Mullaney's home on August 19.

Items that were discussed were:

- Can we get cases in the libraries?
- Lynn Toschi will be getting the case liner sheets into the Breccia and application for exhibits.
- Ruth asked about the large case.
- Lynn Toschi has his grandfather's lamps ready to display. They will be in the show.
- Case Computation will be offered.
- Street signs and San Jose Mercury ad was discussed.
- A small group will get together and study revisions on the layout.

Frank Mullaney

Just a reminder

The November meeting is the silent auction night. All members donated items to be auctioned and all members and guests bid on items, at various intervals during the meeting. First bid is at least fifty cents, unless an item has a minimum opening bid. Bidders must bid at least fifty cents higher than the last bid. One or two tables at a time will be closed to final bidding throughout the evening. Table closure is determined by a drawing. At the end of the meeting the remaining tables will be closed.

Questions call Sylvia and John Palmieri (408) 272-2369.

CFMS Shows Schedule

Changes to this calendar are printed in italics. For the latest version of the CFMS Show Schedule go to www.cfmsinc.org

September 18-19, 2004, Jackson, CA Fossils For Fun Society, Kennedy Mine in Jackson , 4th Annual Tailgate Gemboree, Hours: 9-5 both days Dan Brown (209) 296-6466

September 18-19, Redwood City, CA Sequoia Gem & Mineral Society, Community Activities Building 1400 Roosevelt Ave. 10-5 Carol Corden (650) 776-5990/ ccorden@earthlink.net

Sept 17-19 Devore CA, Orange Belt Mineralogical Society 3rd annual Gem and Mineral Tailgate , Western Regional Little League Park, 5707 Little League dr. Bob Woodcox, (909) 874-3697

Sept 18-19, Paso Robles CA Santa Lucia Rockhounds, Pioneer Park and Museum, 2010 Riverside Ave 10-5 Mike Doherty/ mdoherty@tcsn.net or Paul Savage/ egarasp@starband.net

Sept 25-26, Vista CA Vista Gem & Mineral Society, Brengle Terrace Community Recreation Center, 1200 Vale Terrace, 10-5 Mary Anne Mital (760) 724-0395

September 25, 2004, Los Altos, CA Peninsula Gem & Geology Society Foothill Expressway & So. Springer Rd Hours: 9:30-4:45 Dave Schmidt (408) 263-5870

September 25-26, 2004, Monterey, CA Carmel Valley Gem & Mineral Society Monterey Fairgrounds 2004 Fairgrounds Rd. Hours: Sat. 10 - 6; Sun. 10 - 5 Sky Paxton (831) 755-7741

September 25-26, 2004, Downey, CA Delvers Gem & Mineral Society Downey Women's Club 9813 Paramount Blvd Hours: Sat. 10 - 6; Sun. 10 - 4 Earl Liston (562) 865-1348

October 9-10, Antioch CA, Antioch Lapidary Club, Contra Costa Fairgrounds, 10th and L Sts. In flower bldg. 10-5 Ramona Bond bmomobond@yahoo.com

October 9-10, Grass Valley, CA Nevada County Gem & Mineral Society. Nevada County Fairgrounds, Main Exhibit Hall 11228 McCourtney Rd. 10-5 Cliff Swenson (530) 272-3752

Oct 9-10 Trona, CA Searles Lake Gem and Mineral Society Searles Lake Gem and mineral Bldg., 13337 Main St. Sat 7:30 -5, Sun 7:30-4 Bonnie Fairchild (760) 372-5356

October 9-10, 2004, Lakeside, CA El Cajon Valley Gem and Minerals Lakeside Rodeo Grounds 12584 Mapleview Road Hours: 10-5 both days Peggy Bowery (619) 561-7684

October 16, 2004, Canoga Park, Wood-land Hills Rock Chippers Canoga Park Community Center 7248 Owensmouth Avenue Hours: 10-5 Show@rockchippers.org

Oct 16-17 2004, Anderson, CA Shasta Gem & Mineral Society Shasta District Fairgrounds 5 miles South of Redding Hours: 10 - 5 both days Kelly Stoltz (530) 272-4400

Oct 16-17 2004, Long Beach, CA The Mineralogical Society of Southern California Long Beach Convention and Expo Center 300 E. Ocean Blvd. Hours: 10 - 6 both days Justin Butt Phone/ Voice mail 626-683-1770 Email MSSC Show@hotmail.com

October 16-17, Cayucos, CA San Luis Obispo Gem and Mineral Club, Cayucos Veterans Hall, 10 Cayucos Dr. Hours 10-5 daily, Robert Hurlless (805) 772-7160

October 16-17, Placerville, Ca, El Dorado County Gem and mineral Society, El Dorado Farigrounds, 100 Placerville, Dr. 10-5 Jackie Cerrato, (530) 677-2975

Oct 16-17 2004, Whittier, CA Whittier Gem & Mineral Society Whittier Community Center 7630 Washington Avenue Hours: 10-5 both days James LaBorde (626) 339-4040

October 22-24, Riverside CA Valley Prospectors of San Bernardino, Rancho Jurupa Park 4800 ?Crestmore, Sat 9-5, Sun 9-4 Alice Corey (909) 864-8320/ALPENNTMAE@aol.com

October 30-31, Tulsa, OK , Tulsa Rock and Mineral Society, Tulsa Event Center, 2625 South Memorial Dr. Tulsa OK * Select national dealers * Continuous silent auction * Hourly door prizes * Adult & children's programs * Competitive and exceptional special exhibits * Children's games and scientific experiments

Nov 6-7 Concord CA, Contra Costa Mineral & Gem Society, Centre Concord, 5298 Clayton Rd. Hours 10-5 San Woolsey (925) 837-3287 / sdwools@earthlink.net

Nov 6-7 Oxnard CA, Oxnard Gem & Mineral Society, Performing Arts Center, 800 Hobson Way, Sat 9-5 Sun 9-4

Nov 6-7 Ridgecrest CA, Indian Wells Gem and Mineral Society, Desert Empire Fairgrounds,

Mesquite Hall, 520 S. Richmond Rd. 9-5 John De Rosa (760) 375-7905.

Nov 6-7 2004, Anaheim, CA American Opal Society Anaheim Clarion Hotel 616 W. Convention Way Hours: 10-5 both days Fran Todd (310) 721-5614 / Toddle@aol.com

Nov 12-14 Sacramento, CA Sacramento Mineral Society, Scottish Rite Center, 6151 H St. Fri 9-5 Sat 10-6 Sun 10-4, Boyd Latsater, (916) 455-7075. Fosback@aol.com

Nov 13-14 Palmdale, Ca Palmdale Gem and Mineral Club, Palmdale Elks Lodge, 2705 E. Ave Q Sat 9-5, Sun 9-4 Gail Becker (661) 285-3958

Nov 13-14 Marysville CA The Sutter Buttes Gem and Mineral Society, Yuba-Sutter Fairgrounds, Franklin Hall, 442 Franklin Rd. 9-5 Charlie and Barbara Brown (916) 652-4240 cbbrown@wizwire.com

Nov 20-21 2004, Livermore, CA, Livermore Valley Lithophiles, The Barn - (next to Civic Center) Pacific Ave. at So. Livermore Ave. Hours: Sat. 10 - 5; Sun.: 10 - 4 Joyce Friesen (925) 447-8223

Nov 20-21 2004, Victorville, CA, Victor Valley Gem and Mineral Club San Bernardino County Fairgrounds 14800 Seventh St. Victorville, CA Hours: Sat. 9 - 5; Sun.: 9 - 4 Mavis Mushaney (760) 241-8282

Nov 27-28 2004, Barstow, CA Mojave Desert Gem & Mineral Society Barstow Community Center 841 South Barstow Road Hours: 10 - 5 both days Bob Depue (760) 255-1030

Dec 4-5 Orangvale CA, American River Gem & Mineral Society, Orangvale Grange, 5807 Walnut Ave, Hours 10-5 Evelyn Tipton/ e.k.tipton@wordnet.att.net

Dec 4-5 2004, San Bernardino, CA Orange Belt Mineralogical Society 58th annual Rocks Galore in 2004 San Bernardino Woman's Club 503 W 31st Street; 31 st. & E Streets Hours: 10-5 both days Pat Wind (909) 381-0089 or (909) 792-0668

For 2005 shows go to the CFMS Web site and look under shows. www.CFMSINC.ORG

The Juniors Experience The Little House

By Mark Wartenberg

In a joint effort with the Sequoia Gem & Mineral Society, our two clubs hosted a large group of junior rockhounds at the Little House in Menlo Park, where the Sequoia club has their lapidary shop. The event took place on Saturday June 26th from 10AM until past 2PM and was very well attended. There were eighteen juniors (yes-18!), and a large group of parents, along with quite a few members of the Sequoia club. What began as a simple tour of a working lapidary shop turned into a full-blown lapidary adventure for the juniors and their parents!

The initial idea for the workshop was developed with Preston Bingham, a member of the Sequoia club, and former member of our club as well. We intended to give an overview of the lapidary arts, followed by a tour of the lapidary workshop operated by the Sequoia club at the Little House. Then, after hearing the talk I gave about our juniors program earlier in the year, we decided to plan something a bit bigger. With help from Sequoia club members Janice McOmber and Walter Skinner, we planned to demonstrate rock cutting and polishing, and to give each of the juniors an opportunity to polish their own rock. In addition, Janice offered to teach a lapidary class for juniors on two different Saturdays, where each junior would take a rock from the rough through to the final polished cabachon. The first round of classes has already been completed and was a resounding success!

As the families arrived at the Little House on Saturday morning, we gathered in the garden room, which had already been set up for our workshop. We prepared three stations with "All-U-Need" flat rotary laps, and one table for working on polished rock jewelry. We began with a brief overview of the various types of lapidary, complete with polished specimens that were passed around the room. Both juniors and their parents had many questions, which were readily answered by one of the club members present. After the introduction, we split into three groups with six juniors each, and rotated between flat lap polishing, lapidary shop touring and preparing polished rock jewelry items. By the end of the morning, everyone had polished at least one rock on the flat laps, prepared several polished stones with bell caps for jewelry, and toured an actual working lapidary shop. We all then enjoyed a relaxing bag lunch in the courtyard, and were back inside to complete our polished rock keychains and pendant necklaces. Everyone really seemed to enjoy the event, and left with a variety of treasures to stimulate their interest in the hobby.

I personally want to thank the Sequoia club for helping to put on this event, especially Preston Bingham, Janice McOmber and Walter Skinner, as well as the other members of the Sequoia club who came out to support this effort. It was a very successful workshop that introduced a large group of families to our two clubs, and a great demonstration of clubs working together towards our common goal of stimulating interest in our hobby for future generations of rockhounds. Thanks to all who participated!

Getting Started: Metalsmithing

Anyone who wants to get started making metal jewelry must first make an investment of a few basic tools.

When I enrolled in my first metals class, I was given a list by my instructor of tools and equipment I would need to purchase. Though most metal schools have the large equipment needed for metal work, every metal worker should have their own tool box with their own hand tools. Of course, there is no end to what you can get in the way of tools, but to get started, you'll need to acquire the basics. The investment you'll need to make is about \$150 - \$200 for the following list. However, I still use about 90% of the tools I bought for this class. So, if you continue to work in metal, the investment is well worth it.

Tool Box or tackle box: Your tool box will grow in size along with your projects, so I recommend go big now. When I first started, a friend of mine bought me a little tackle box which was a very nice gesture. Of course, neither of us realized then how much stuff I'd be hauling around. A tall tackle box seems to work best for jewelry making, especially when you take classes. It's nice to have the ones that have lots of compartments and the stacking shelves because if you're using a jewelry bench, they aren't always that large so you don't want to take up a bunch of room on your table or bench. A tackle box is fairly inexpensive and can be found at most discount stores having a large selection.

Bench Pin: This is used for filing and sawing. It is attached to the edge of the jewelry bench or table you use. This allows you to file or saw a piece of metal and have room to move your tool around and still hold onto the metal.

Jewelry Saw Frame: Various sizes of blades can be inserted into this frame. A saw is used for cutting shapes out of plates of copper or silver metal and sawing through wire.

Bees Wax: This is very handy for rubbing on the blade of the saw. You can get this at most bead stores or even a sewing store.

Saw Blades: Of course, these are needed to go into the saw. Size #2 is a good size that seems to work with most projects I do. There are many sizes of saw blades from 8/0 to 8. The smaller the blade number, the more teeth per inch on the blade. We had been told to use a brand called Herkules which I still use and have been very happy with. I've used less expensive brands, but they don't seem to last long for me.

Set of Pliers: Flat, round nosed and cutters are needed for many different uses. Most jewelry makers have these already, of course.

Large Hand File: These are normally about 8 inches long and are available through most jewelry supply companies. These are used for filling down rough edges.

Set of needle files: These are used for filing down rough edges also but are best for small areas or if you need a lot of control over what you're filling. They come in various shapes like square, round, half round, and flat, so that's why it's nice to have a set of them.

Solder: you'll need soft, medium, and hard solder. This comes in sheet and wire also, but I prefer sheet. You

have to cut it up in little pieces and then stick on the spot you want to solder, so the flat seems to work better than the round solder which sometimes seems to roll. Of course, the round can be flattened with a hammer, but why go through the trouble when you don't have to? The different kinds of solder melt at different temperatures. This also can be purchased through most jewelry supply companies.

Flux: This is used to help the solder stick onto the metal and prevent oxidation. There are a bunch of different kinds. I've used two. Battern's is a self pickling, liquid flux. It is good to use if you want to add the flux and then put the solder on the metal right away. You have to work quickly though so the flux doesn't melt. I've also used a mixture of boric acid and denatured alcohol which creates a white paste. This works well if you don't like to rush, but it takes a few extra steps because you have to add the flux, heat, then add the solder and reheat. It also dries up quickly, and then it's hard to get the lid off when it does that.

Brush: A small, inexpensive paint brush is needed to apply the flux.

Book: The complete metalsmith by Tim McCreight was a required text for my first class, and I still use this book. It's available through most large book stores.

Pin Point Torch Tip: This can be found at most hardware stores, this will be screwed onto a small propane tank.

Propane Tank Kit: This can be found at most hardware stores and along with the pinpoint torch tip, is a quick inexpensive way to create a torch for soldering.

Here are some other tools that I've picked up along the way though they weren't required for my first class.

Vise: this is handy for holding wire while you twist it, or just about anything you need to be held steady.

Third Hand: as the name implies, when you need an extra hand or just a few fingers, this device can hold items in place while you solder them together.

Ring Mandrel: I've talked about this in other features. This is helpful for sizing and shaping rings. Make sure you get a metal mandrel and not a plastic one. It needs to be able to handle pounding from a raw hide hammer.

Raw Hide Hammer: This is what is used to shape the ring on the mandrel. It's also used to flatten sheets of metal. The raw hide makes the hammer soft enough so that it doesn't mark the metal.

Optivisor: This is used to see your work up close. It is especially handy when filing small pieces like jump rings or charms that have been just cast.

As I explained, a number of these tools can be found at your local hardware store. So, that's a good place to start collecting tools for metal work. However, a few of these are specialized for creating jewelry. You can find a large list of jewelry tool and equipment suppliers, such as Rio Grande, Macaw Tools, Tripps, on the Tool/Equipment Supplies section of my site.

Via Grindings 6/04, author unknown

Upcoming BLM Field Trips

MOTHER LODE GOLD BELT: NORTHERN MINES,
September 18-19, 2004

This field conference looks at the structure, stratigraphy and geology of the Northern Mines of the Mother Lode in Sierra and Nevada Counties. Saturday's trip will be from Nevada City to Downieville by way of Al-legeney and Forest City. Sunday's trip will visit mining districts along the Yuba River.

MOJAVE AND RED ROCK CANYON: Nov. 13, 2004. Mercury mines near Keeler and the Cactus, Golden Queen and Solidad Mountain gold mines near Mojave are visited. Then we go to Red Rock Canyon by way of the old salt mines at Saltdale. On the way we examine the Garlock Fault. The day ends with a tour down the Kern Canyon on our way back to Bakersfield. Management practices for the Mojave ground squirrel, Desert tortoise and Tehachapi salamander are discussed.

TO PAY FOR YOUR RESERVATIONS

Complete the reservation form at <http://www.ca.blm.gov/bakersfield/geologytrips.html>. Registration fees are \$10 per person per day, or \$25 per vehicle per day, which ever is less.

Fulgarites

By Joyce Smith, assistant curator
Via Pick and Dop Stick 6/04 via The Jaspilite 5/04

When looking up information on Fulgarites, you might find some conflicting opinions. There are even two different spellings for the specimens (Fulgarite –Fulgurite). Some mineralogists place fulgarites in the quartz group, while others consider it a mineraloid called Lechatelierite, because it lacks a crystal structure.

It is actually made of fused silica, which is the substance that makes up Quartz. However, it differs from regular quartz by virtue of its natural origins: Meteorite impacts or sandy beaches, the intense heat and energy of the bolt will fuse the sand grains in a milli-second. A branching hollow, glassy tube is sometimes the result. The “fossil” lightning strikes as composed of Lechatelierite and occasionally fused biotite or other minerals. There are referred to as fulgarites and are certainly a natural history oddity. Fulgarites have been found that were several feet in length, although most are a few inches long by half an inch thick.

Have you heard of the National Science Foundation?

The National Science Foundation (NSF) is an independent agency of the federal government that was established in 1950. One of it's missions is to promote the progress of science. One of it's recent projects is Earthscope. Below is a recent press release regarding this project. For more info look to <http://www.nsf.gov/od/lpa/news/04/ma0425.htm> or <http://www.earthscope.org>.

In a modern-day journey to the center of the Earth, geologists are exploring the structure and evolution of the North American continent at scales from hundreds of kilometers to less than a millimeter - from the structure of a continent, to individual faults, earthquakes and volcanoes. The project is called EarthScope. With approximately \$200 million in funding from the National Science Foundation (NSF), EarthScope will be developed over the next five years. The project is expected to operate for an additional 15 years. On Sept. 2, scientists studying San Andreas Fault geology will provide a first look at the multiple technologies EarthScope will use to explore the structure and tectonics of North America:

- A four-kilometer deep observatory drilled directly into the San Andreas fault to measure the physical conditions under which earthquakes there occur
- One of 875 permanent Global Positioning System (GPS) stations being installed, which can measure relative distance changes of less than 0.5 millimeters
- One of an eventual network of 400 seismographic stations that will spread across the United States, making observations at more than 2,000 geographic locations to map the structure and composition of North America
- The unique educational opportunities that EarthScope will provide as a national experiment, its sensors located at more than 3,000 sites across the United States to measure and observe plate tectonics in real time

Safety
Heart Attack Signs
by Chuck McKie
CFMS Safety Chairman -2003

Warning Signs: Recognize these heart attack signals to save a life: Typically, in the movies or on TV, older men suffer from heart attacks—we watch them clutch their chests as they collapse to the ground in pain. In reality, heart attacks can strike anyone when damage to the heart, such as a lack of oxygen or blood, causes it to stop working. The American Red Cross is educating the public about heart attack signals so that they are prepared to respond to their family members, friends and co-workers in this potentially fatal situation.

Signal of a heart attack: Severe chest pain lasting 3-5 minutes that does not go away, or goes away and comes back. The pain may range from mild to an unbearable crushing sensation, and the victim may describe it as a pressure, squeezing, tightness, or aching in the chest. The pain may spread to the arms, shoulders, neck, jaw, or back and will become constant. Resting or taking medicine will not alleviate the pain. The victim may have trouble breathing - you will notice that their breathing is faster than normal and noisy. At this point, the body is trying to get much needed oxygen to the heart. The victim's face may appear pale and damp with sweat, and the victim may become nauseous and dizzy.

- How you can help a heart attack victim? 1. Recognize the signals of a heart attack.
2. Make sure your family members, friends, and co-workers are educated with the warning signs as well.
 3. Call 911 or the local emergency number immediately for help.
 4. Convince the victim to stop activity and rest; comfort the victim.
 5. Monitor the victim's condition and try to obtain additional information about their condition.
 6. Assist with medication, if prescribed.
 7. Be prepared to give CPR and to use an automated external defibrillator (AED).

To learn more about how to enroll in American Red Cross CPR and AED training courses via the American Red Cross.

Via CFMS 12/03

Need a compass?

If the sun is shining and you have a watch with an hour hand, you have a compass. Set the watch face up and arrange a slender object, a match or a flower stem, upright at the rim of the watch in such a way that its shadow lays atop the hour hand. No matter what time it is, halfway from the hour hand to the figure 12 is south.

Via Petrograph 4/04

How to Survive a Heart Attack When Alone Via The Matrix 4/04

Let's say it's 5:15 P.M. and you're driving home (alone of course), after an unusually hard day on the job. You're really tired, upset, and frustrated.

Suddenly you start experiencing severe pain in your chest that starts to radiate out into your arm and up into your jaw. You are only about five miles from the hospital nearest your home, unfortunately you don't know if you'll be able to make it that far. What can you do? You've been trained in CPR but the guy that taught the course neglected to tell you how to perform it on yourself.

Since many people are alone when they suffer a heart attack, this article seemed in order. Without help, the person whose heart stops beating properly and who begins to feel faint, has only about 10 seconds left before losing consciousness. However, these victims can help themselves by coughing repeatedly and very vigorously.

A deep breath should be taken before each cough and the cough must be deep and prolonged, as when producing sputum from deep inside the chest. A breath and a cough must be repeated about every two seconds without letting up until help arrives, or until the heart is beating normally again. Deep breathes get oxygen into the lungs and coughing movements squeeze the heart and keep the blood circulating. The squeezing pressure on the heart also helps it regain normal rhythm. In this way, heart attack victims can get to a hospital. Tell as many other people as possible about this, it could save their lives.

Working Jasper

Via Coastal Waves, Spring 04 Issue, via Golden Spike News 3/04

You will find that jasper is much more troublesome to polish than agate because many varieties are "earthy" and porous, and many others contain hematite, which is very difficult to polish. If you are on a field trip, a good way to test the jasper is to wet it. If it absorbs the water and dries rapidly, throw it away. It will not polish. If it stays wet and does not dry right away, it contains a high amount of chalcedony (quartz) and will take a good polish.

**SANTA CLARA VALLEY GEM & MINERAL SOCIETY
MINUTES OF THE GENERAL MEETING**

August 24, 2004

President Marc Mullaney called the meeting to order at the Belwood Cabana Club in Los Gatos at 7:51 pm. After the pledge of allegiance, members and guests were welcomed and invited to stay for refreshments and the opportunity get to know everyone. The minutes of the last general meeting stand approved as printed in the Breccia. The board meeting will be August 26 at the home of Frank Monez.

STUDY GROUPS: See the Breccia for dates.

CORRESPONDENCE: There was no correspondence; there are some flyers for other club shows on the front table.

SPECIAL ANNOUNCEMENTS: There will be an Ice Cream Social prior to the September general meeting. Please fill out the "Time and Talent" sheets to assist the nominating committee in putting together a slate of nominees. Dues are due. Sheets were passed around asking for e-mail address and if you would be willing to receive the Breccia via e-mail, these sheets will also be used to update the club phone book.

SUNSHINE: John Bahr reported there was nothing to report

FIELD TRIPS: Look in the Breccia for details on upcoming field trips.

FEDERATION REPORT: Frank Monez had nothing to report on the federation

SHOW CHAIRMAN 2005: Frank Mullaney talked some about the upcoming show.

The next show meeting will be Thursday, October 21 at Frank & Julaine Mullaney's.

HOSPITALITY: John Eichhorn noted that we had 33 members and 5 guests present. He introduced the guests and invited them to stay after the meeting for refreshments.

INSTALLATION BANQUET: Marc Mullaney announced that the Installation Banquet will be at the Flames Restaurant located on Meridian Ave on December 7.

PLAC: Frank Monez gave a short report on PLAC. See the Breccia for details.

PROGRAM: John Stockwell of the Marin Club gave a talk Thunder Eggs & Geodes.

MEMBER DISPLAYS: See Breccia for details

MEETING ADJOURNED at 9:26 pm and refreshments were enjoyed by all.

Respectfully Submitted: Frank Mullaney

**SANTA CLARA VALLEY GEM & MINERAL SOCIETY
MINUTES OF THE BOARD MEETING**

August 27, 2004

President Marc Mullaney called the meeting to order at Frank Monez's home at 7:33 PM. All board members were present with the exception of Bill Gissler. Also present was Randy Harris & Ann Marie Mullaney.

Minutes: The minutes of the July Board meeting were approved as corrected **Randy Harris's** name was added to the people present, under Installation Banquet the location was changed to **Three** Flames Restaurant, the date for trailer Inventory was changed from 2003 to 2004.

Treasurer's Report: The treasurer's report of August 25, 2004 was noted and filed. A motion was made seconded and passed to pay the bills.

Correspondence: The only correspondence was flyers for other club shows.

New Member: It was moved seconded and passed to accept the new member application of Adam Yamashita.

Show 2004: Member break room will be upstairs and there will be coffee and drinks available. A motion was made to purchase two new double-sided street signs. This motion was seconded and passed.

Sunshine: See the Breccia

Installation Banquet: The Installation Banquet will be at the Three Flames Restaurant on Meridian Ave on December 7th. Three entrees were selected. A motion was made to charge \$10.00 for adults and \$5.00 for children under 10 years of age. This motion was seconded and passed. Marc Mullaney will verify several items with the restaurant that the board had questions about. See a later Breccia for more details on the upcoming Banquet.

PLAC: See the Breccia for details

Federation Report: The Federation is going to be in need of a secretary for the upcoming year.

Unfinished Business: The web site was discussed again. The highest bid of the SECRET AUCTION was placed by R.K. Owen. John Eichhorn will bring something for the next meetings secret auction.

New Business: The secretary was directed to write a letter to members who have not yet paid their dues. A motion was made to have two \$750 Scholarships this motion was seconded & passed. The secretary was directed to write a letter to San Jose State University Geology department advising them of the scholarships and make some changes to the letter that the scholarships will be presented to the students after the annual show. A motion was made seconded and passed authorizing Ruth Bailey to purchase the book "WITHIN THE STONE". There will be a potluck prior to the January meeting a future Breccia will have details.

A motion was made to adjourn the meeting it was moved seconded and passed. The meeting was adjourned at 9:24pm delicious refreshments were served by Frank Monez. The next meeting will be at John Bahr's.

Respectfully Submitted

Frank Mullaney

Santa Clara Valley Gem and Mineral Society
Treasurer's Report August 25 2004

Checking Account Balance, July 28, 2004		\$10,339.45
Receipts		
Dues	\$ 60.00	
Bus Trip Refund	\$ 20.00	
Interest Income	<u>\$ 1.27</u>	
Total Receipts		<u>\$ 81.27</u>
		\$10,420.72
Disbursements		
Breccia	\$ 46.06	
Rent	\$173.00	
Property Taxes (Show Exp.)	\$ 83.59	
Program	\$ 51.00	
Meeting Expense	\$ 30.35	
Contributions (CFMS End.)	<u>\$ 50.00</u>	
Total Disbursements		<u>\$ 434.00</u>
Checking Account Balance, August 25, 2004		\$ 9,986.72

Santa Clara Valley Gem & Mineral Society 2004

ELECTED OFFICERS

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Parliamentarian: Bill Norton
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COMMITTEE HEADS

Field Trip Coordinator: OPEN

Founder's Day Picnic: June Harris and Suzi Papinaeu

Hospitality: Frank Scelzi and Jennifer Raff

Installation Dinner: Kathy McChristian

Juniors: Gary and Kathy McChristian,
Mark and Debbie Wartenberg

Librarians: June Warne and Nancy Boring

Member Display: George and Jane Yamashita

PLAC (Public Lands Activities Committee)

Frank Monez

Program: Bill Gissler

Refreshments: Knut and Kris Owen

Sargeant-at-arms: Hershhal Boring

Show 2004: John Eichhorn

Show 2005: Frank Mullaney

Silent Auction: John and Silvia Palmieri

Sunshine: Suzi Papineau

Trailer Custodian: Herb Vogel

Trophies: Frank Mullaney

Please consider one of the following positions;

1. Field Trip Coordinator (Many field trip have already been planned, fast and easy job)

Your help is what keeps this club alive and without it, we will surely flounder

Breccia Crew: Editor June Harris (juneconeyharris@yahoo.com)
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Santa Clara Valley Gem and Mineral Society

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**PRSRT STD
US Post Paid
Campbell, CA
Permit 1060**

Please Deliver Promptly

Did You Know All These Wonderful Things a Bounce Sheet Can Do?

Repel Mosquitoes —Tie a sheet of Bounce through a belt loop when outdoors during mosquito season

Dissolve Soap Scum from Shower Doors – Clean with a used sheet of bounce.

Eliminate static from pantyhose – Rub a damp used sheet of Bounce over the hose.

Prevent musty suitcases – Place an individual sheet of Bounce inside empty luggage before storing.

Freshen the air in your car - Place a sheet of Bounce under the front seat.

Keep the shock away – Place sheet in your coat pocket to avoid the shock when getting in and out of the car

Clean Baked-on food from a cooking pan - Put a sheet in the pan, fill with water, let sit overnight, and sponge clean. The anti-static agents apparently weaken the bond between the food and the pan, while the fabric softening agents soften the baked-on food.

Eliminate odors in wastebaskets - Place a sheet of Bounce at the bottom of the wastebasket.

Collect cat hair - rubbing the area with a sheet of Bounce will magnetically attract all the loose hairs.

Eliminate static electricity from venetian blinds - Wipe blinds with a sheet to prevent dust from setting.

Deodorize shoes or sneakers – Place a sheet of Bounce in your shoes or sneakers overnight so they smell great in the morning.

Via Snoopy Gems 5/04, via Tumbler, 3-04