



Breccia

Volume 56, Number 7

July 2009

An All-American Club

Santa Clara Valley Gem and Mineral Society

San Jose, California

Randy says...

Hello Fellow Rockhounds,

I hope everyone had a good time at the Founder's Day Picnic. I would like to thank Michael and Nancy for doing all the planning, shopping, cooking, etc. Thanks to Pat Speece for running the raffle. I would also like to thank John Eichhorn for calling the Bingo games. Thanks to all of you who brought prizes for the raffle and Bingo. If you were not able to be there, I urge you to go next year. It is always a good time with excellent food and camaraderie.

Shhhh...

I have noticed a disturbing trend at the general meetings. Far too many times I have been forced to ask the audience for quiet while someone is speaking. I have received complaints from people in the back of the room because they could not hear the speaker over the chatter. If you feel the need to converse with someone, PLEASE go outside. It is far less disruptive for you to get up and go outside than it is for you to talk in the audience.

I do not like to ask for silence. If you have something to share, please raise your hand and I will let you speak. Think of our guests and please use common courtesy.

Potluck

There will be a Potluck Barbeque before the July 28th meeting. We will eat at 6:30PM at the Cabana Club. Please bring your favorite dish to share.

I hope everyone has a great summer.
Randy Harris, President



Welcome New Members

Sharon Updyke and Isabella Updyke-Welch
(junior). Details next month.



Member Displays: July

This is a favorite part of our general meetings. Your scheduled date is a suggestion; you can display any time you wish. This list is alphabetical by last name.

If your last name begins with N or O or P, it's your turn!



Editor's note: I need your help here.

As of the June board meeting, it is my responsibility to get out emails to members regarding upcoming events. This is convenient for the editor to do because the information should probably go in the Breccia as well.

News items I'll be sending include meeting notices, study group notices, and special event notices.

Sooo, if you know of a club event or are heading an event, let me know as soon as possible.

Emails going to you will say they are to me, but you will be in a blind carbon copy (bcc) alias.

Thanks,
Pat



Ron Martinez, Master Carver

Gemstone Carving Class

By David Marshall

Master carver Ron Martinez, from Quartzite, Arizona, taught a class in Beginning Gemstone Carving at Ruth Bailey's house, recently from 9 am to approximately 4:30 pm with time off for lunch. The lucky, inspired, and challenged students included Max Casey, John Eichhorn, David Marshall, Gail Matthews, Art Pimentel, Carol Pimentel, and Grace Santos. I believe none of us had any real gem stone carving experience. A few of us had some experience in carving with a variety of materials such as alabaster, soapstone, and wood. A few members of the class had no experience of carving anything.

Ron's style is more intuitive as opposed to instructional (step one, step two, step three). At various times he spoke about some of the tools, their uses, and materials. Our carving kits included diamond burrs, assorted brushes, diamond polishing compounds, other miscellaneous tools, along with a few mineral samples (white quartz, agate, and chrysoprase) for carving. Members would ask questions from time to time as they worked their material. We learned from each other.

As to recommending it for beginners, I would say it all depends on the beginner. I know he has taught children. Some individuals need to have everything spelled out for them. For them, it might prove to be a bit challenging, but not unworkable. Others just need the opportunity to experience and express; in the process they find their own path and style. This is more like that. You are given the tools, the space, and the process, and the rest flows through you (which is more the way that I create, like my carvings for the competition).

More than likely, I will take his advanced class tentatively scheduled in the Fall of this year. Possibly a few others from the class will also.

People can also visit and take instruction from Ron at his Quartzite location. For information and inspiration they can visit his web site: www.visionsbyron.com Ron's number is 408 568-2018 and Carmen's number is 408 568-2015 (for some of the business side, supplies, etc).



Are you *confused*? Carat, karat, caret, carrot

Carat = a standard unit of mass used for precious stones, especially diamonds, and is equal to 200 milligrams.

Karat = a unit of proportion of gold in an alloy equal to 1/24 part of pure gold.

Caret = a mark made on printed or manuscript material to show where something such as a letter or word should be inserted. In the United States, the caret is usually made just under the line. Other cultures invert the caret and place it above the line.

Carrot = the favorite food of Bugs Bunny.

How can these be remembered?

The homeowner hid her 7-**carat** stone in a coffee **carafe**; a true carat carafe!

Karen practiced karate to ward off thugs who were after her 18 **karat** gold watch.

If you drink too much claret, you will need to insert too many **carets** into your missive.

Do parrots munch on **carrots**?



Bits and Pieces

California Blue Mine, in San Bernardino County, California, is a new mine that is producing gem quality Aquamarine and Topaz as well as some very nice smoky Quartz crystals. Member Rick Kennedy is the sales representative for the mine owners.



California Mining and Mineral Museum on list of possible closures

By Rick Kennedy

The California Mining and Mineral Museum is on the list of State Parks that our Governor wants to close. Here is a link to an organization Diane from the museum directed me to where people can donate to the cause of keeping State Parks open and/or sign a petition to keep them open. Here is that link: <http://calparks.org/<cid:part1.09060406.08020406@flash.net>>



Mineraleers are off for the summer.



Smithies

By Pat Speece

We just completed a two-night, six-hour beginners class with great success, and we are planning another.

Ouch!

Our feet hurt! Classes are held in our (Speece)shed which has a concrete floor. Kelly and I are on our feet the entire time helping the students. We need thick soft floor mats to go around behind the student chairs. Do you have any you no longer need? We'd rather get them free than have to buy them.

We could also use one more tall desk chair. The seat should be about 2' off the ground. Good looks are not important! Tell Kelly or Pat.



Stringers

By Pat Speece

We are planning on making *The Donna Bracelet*, not a difficult piece, but yet an attractive piece that is open to variations. If you are interested in Stringers in general, or in making this particular bracelet, let me know. Tell Pat.



Sunshine

Our best wishes are with Frank Mullaney, who is recuperating from knee replacement surgery.

JOHN SURRELL

John M. Surrell, Sr.

February 2, 1922 - June 11, 2009

John and Eva Surrell joined the Santa Clara Valley Society in 1963, just in time to participate in our first CFMS show. They were very active in the Society from the time they joined and have contributed a lot to our activities and have always been friends to all of the members.

John served as President four times and worked on a number of committees. He was Show Chairman four times, including the 1983 show which was our second CFMS show.

John was born in Oregon and moved to Alameda, CA, in 1927. He graduated from Turlock High in 1940 and attended Modesto Jr. College until he enlisted in the Army Air Corp in 1944. He trained as a pilot and gunner and was assigned to the 303rd Bomb Group and flew 35 missions in a B17 as a tail-gunner from Molesworth AFB, England. He was awarded the Distinguished Flying Cross and Bronze Star.

He was also a member of the San Jose Homing Pigeon Corp. and won a 500 mile race with the only day-bird. He enjoyed fishing and often went to Eagle Lake with his son, Matt.

John will be greatly missed by all of us and we extend our sincere sympathy to Eva and their children, Patricia, Carol and Matt. We are grateful that we had the opportunity to share in his life.

Ruth Bailey

What are *those* fibers in my rose quartz?

Most of us are curious about the variety of colors in quartz. Rose quartz is one of the loveliest types, and many of us have specimens or jewelry of rose quartz. What accounts for its delicate pink color? Recent work has shed some light on its origin - apparently it is due to the presence of a close relative of the mineral dumortierite.

The breakthrough discovery was work done in 1987 by 2 geologists at the University of Missouri at Columbia, Ken Appin and Brian Hicks. They were doing studies on the etching of various types of quartz. They discovered in one of their samples, a rose quartz from the Ruby Range of Montana, masses of pink fibers on the sample surfaces after etching in hydrofluoric acid. The color of the fibers was spectrally the same as the pink color of the quartz specimen. Testing by X-Ray diffraction convinced them that the fibers were a mineral called *dumortierite*, and that they were responsible for the pink color of that particular quartz.

Dumortierite is a complex boron-bearing silicate. It was named for a French paleontologist, and has been known as a mineral since 1881. It is generally found in fibrous to columnar aggregates and is usually an attractive pink to blue to purple in color. The particular concentration of **trace amounts of iron and titanium** seems to control the color seen. Dumortierite is often found in granite pegmatites, high temperature hydrothermal veins, and in high-grade regional metamorphic rocks where boron was available during metamorphism. Sometimes interesting collector specimens occur from Maine, California, New Mexico and elsewhere. Lapidary quality *dumortierite* occurs in South Africa and other locations.

Appin and Hicks work was followed by Julie Goreva, Chi Ma and George Rossman at Cal Tech. In a paper published in 2001, they looked for pink fibrous material in rose quartz from 29 localities from around the world. All of the samples they tested had such fibers. The fibers were very small, best described as nano-fibers 0.1 to 0.5 micrometers wide (about 0.00002 inches). Their optical patterns again matched the pink color of rose quartz. X-Ray diffraction, Raman spectroscopy and other analytical tests showed that these fibers were from a mineral close to, but not exactly like, dumortierite. The scientists concluded the rose color of all massive rose quartz was due to this material.

Later work by this same team further characterized this material as a dumortierite relative. The only significant difference is the relatively large amount of iron replacing aluminum at a particular location in the mineral structure. Whether or not this will constitute a new mineral remains to be seen. At this point then it is hard to tell some one exactly what this material is. Yes, it is like dumortierite, but really isn't technically, and doesn't have an official name. I could suggest it be called *that pink fibrous dumortierite-like stuff in the rose quartz*. A bit unwieldy, but, (to paraphrase the Bard), to a mineral collector, wouldn't the coloring agent of rose quartz by any other name, still look so sweet?

- Bill Cordua, U. Wisconsin @ River Falls

References:

Appin, Kenneth and Brian Hicks, 1987, *Fibers of dumortierite in quartz*, American Mineralogist, v. 72, p. 170-172.

Goreva, Julia, Chi Ma and George Rossman, 2001, *Fibrous nano-inclusions in massive rose quartz: The origin of rose coloration*, American Mineralogist, v. 86, p. 466-472.

Ma, Chi, Julia Goreva and George Rossman, 2002, *Fibrous nano-inclusions in massive rose quartz: HRTEM and AEM investigations*, American Mineralogist, v. 87, p 269-276.



Field Trips

Members, you must contact our field trip chairman, Dean Welder, for further information.

July 30 – Aug. 2 AFMS/NFMS Show & Convention in Billings, Montana. Please see the show flyer and brief field trip information on page 9 in this Breccia.

September 19 or 26 Hanksville, UT for petrified wood, fossils and agate.

October 3 Empire Mine Tour. Sun City

November Thanksgiving week Southern CA – annual Thanksgiving week trips.



Earth Science Studies

www.cfms.inc.org

What is Zzyzx, the Earth Science Study Camp?

[Editor's note: Though I haven't been to either earth science camp (Zzyzx and Paradise), I've heard raves about them. Many members attend yearly.]

When: November 15 - 22, 2009

Where: Zzyzx is a Desert Study Center located at Soda Springs CA. It is approximately 50 miles NE of Barstow off of I-15 at Zzyzx road.

Cost: \$350 per person per week. It includes quarters or RV Space, three meals per day, and classes. Additional charges may be assessed for material furnished by Instructors.

Registration form - [Click here](#) See Ruth Bailey.

Facilities - The facilities are rustic dormitory style rooms with bed, mattress and desk. Cleaning responsibilities lie with the occupants. You must bring bed linen or a sleeping bag, and any creature comforts you may desire, i.e. lamp, throw rug, ice chest.

Restrooms and Showers - All restrooms and showers are located in separate buildings at the center, and are communal.

RV Parking is approximately 1/4 mile from the center, and has no facilities of any kind.

Pets - No pets are allowed because this area is designated by the Government as a Desert Studies Center.

Food - Three meals a day will be provided. *Due to the lack of dietary knowledge and the various interpretations of different needs, we ask that you bring your special food items and we will do our best to prepare them for you.*

CLASSES

- **Lapidary** - Tom Burchard
 - **Silver fabrication** - Mary Ann Anderson and Patti Tostenson
 - **Soft Stone Carving** - Margaret Kolaczyk
- Wire Art** - Sale Nichols
Field Trips - Francis Pedneau
Enameling - Betty Egger

Please note - there will be some classes with limited space, *preference will be given to first time students*. Changes may be made as necessary.

A list of items that you might want to bring with you and a list of supplies the instructor would like you to bring will be sent.

For information contact:

Marion Roberts
(209) 538-0197

mvroberts@bigvalley.net

or

John and Anna Christiansen
(209) 538-0197

achrist361@sbcglobal.net



Santa Clara Valley Gem and Mineral Society
General Meeting Minutes June 23, 2009

President Randy Harris called the meeting to order at 7:48 PM at the Cabana Club in Los Gatos. Members and guests were welcomed. Minutes were approved as published in the Breccia. The board meeting will be held on June 25th at 7:30 PM at Ruth Bailey's home with Michael Paone hosting the meeting.

Announcements: Refreshments will be available after the meeting in the kitchen. Randy is still looking for a historian. The Founder's Day Picnic will be on Sunday, June 28th at the Cabana Club. Next meeting will not be a silent auction as stated in the Breccia, but there will be a potluck prior to the meeting at 6:30 PM. July 11th will be the next Demo Day at the Cabana Club from 10-3. There will be several breaks throughout the meeting to allow everyone the opportunity to participate in the silent auction. After each break, several tables will be closed to bidding.

New Members: Anne and Richard Siggins were given their new member packet and welcomed in to the society.

Correspondence: El Dorado County Mineral and Gem Society show fliers; San Francisco Fine Mineral Show, July 10-12 in San Rafael; Work Place Network provided Quiznos sandwich coupon; California State Mining and Mineral Museum Assoc membership cards for SCVGMS members; Dodge and Cox prospectus; note from Mary Brown.

Study Groups: *Jewelers* will meet on July 9th at Marc Mullaney's home from 7-10 PM. They will be working on forging a copper belt.

Cutaways and Carvers will be meeting during the Demo Day on July 11th at the Cabana Club. Carving class was held at Ruth Bailey's home last weekend. Ron Martinez was the instructor. All of the students are asked to bring their project to the July general meeting.

Stringers will be offering a class to make a new bracelet. Contact Pat Speece for more information. **Smithies** will be having their next class in July. Contact Pat Speece or Kelly VanVleck for more info. **Faceters** group, for more information call Max Casey. **Mineraleers** will be meeting again in September. Watch the Breccia for additional information. **Fossileers** will be meeting on Demo Day.

2009 Show: Chuck Boblenz announced that the CFMS audit report for the CFMS show is complete. For more information on the profit from the show, contact Frank Mullaney. Show profits will be split 50/50 with the CFMS.

Sunshine: Ernestine Smith spoke about John Surrell's memorial service. A moment of silence was observed for John. Chris Cherry is still recovering. Rick Kennedy announced that Bill Forrest, former owner of the Benitoite mine (1967-1999), passed away in May. Frank Mullaney had knee replacement surgery last Friday. He is doing well.

DRC Report: George Yamashita announced a rock sale at Pat Speece's home on July 25th.

Hospitality: John Eichhorn reported that we had 54 members present, and he introduced 8 guests.

Federation Report: Ruth announced that the AFMS show would be in Billings MT on July 30-August 2. She also indicated that she would purchase raffle tickets for anyone who gave her money. Tickets are \$5.00 each or 5/\$20.00. She also announced that ALAA will be having their meeting at that show. Dick Pankey is ALAA's new president and Ruth is the new treasurer. Ruth gave brief history of ALAA.

PLAC: Frank Monez announced that the Western Slope No Fee Coalition was trying to open the following areas without fees to everyone: BLM areas, national forests, and federal parks. Frank also indicated that the following weekends would be free admission to all national parks, July 18th & 19th, and August 15th & 16th. Rick Kennedy reported that the state of California has proposed closing 115-120 state parks including the California State mining and mineral museum. He said that there were forms on the CA state parks website to donate to keep the parks open. June Harris indicated that since she was a member of ALAA, she has been getting a great deal of emails concerning public land closures, congressional acts, and such. She asked if members wanted to receive forwards of these emails, to contact her after the meeting.

Field Trips: Randy Harris reminded everyone that they need to contact Dean Welder regarding field trips and email was the best method of contact. The Buffalo Canyon trip on July 4th & 5th was announced.

Fairgrounds Redevelopment: Randy Harris announced that the developers have backed out of the project.

2010 Show: Marc Mullaney announced he has new business cards for the members to pass out for advertising. We will be switching to the Exposition Hall in 2010. The Pavilion Hall is getting too small for effective service our show. He also announced that he was setting a January deadline for all show programs and special exhibits, so that we can advertise more effectively. Marc will be review show jobs at upcoming meetings so that all of the members will become acquainted with each job. **Me.** Randy Harris asked members to send him names and contact information for any dealers that they may know who are not presently selling at our show. He will be sending out contacts in the next couple of months. June Harris requested volunteers to help assemble rock bags for the Kids Area. **Member sharing:** Rick Kennedy brought specimens from one of his new projects, the California Blue Mine. Rick brought aquamarine and topaz from the mine.

Meeting adjourned at 9:20 PM

Respectfully submitted, June Harris, SCVGMS Secretary.



Santa Clara Valley Gem and Mineral Society
Board Meeting Minutes June 25, 2009

President Randy Harris called the June 25th meeting to order at 7:28 PM at the home of Ruth Bailey. The meeting agenda was distributed. All board members were present except Vito Cangemi, Bill Spence, Gail Matthews, and Dean Welder. Minutes from the May 28 meeting were read and approved with one correction. The correction was under the Booth at Santa Clara County Fair section. Bill Spence, not Frank Mullaney, was contacting McDaniels Insurance Co. to investigate if our regular liability insurance would be adequate or if we need to purchase additional insurance.

New member applications: Applications for Sharon Updyke and Isabella Updyke-Welch(Junior) were reviewed. MSP (F. Mullaney, R. Kennedy) to accept Sharon and Isabella as new members.

Correspondence: None

Treasurer's Report: Report was distributed. MSP (R. Bailey, M.Mullaney) to pay the presented bills and the upcoming Founder's Day Picnic expenses when presented.

Committee Reports:

2010 Show: MSP (R. Bailey, F.Mullaney) to move the show from the Pavilion hall to the Exposition hall to accommodate needed growth at the show. Marc is trying to contact the Marriott Hotel to reestablish a partnership with them for publicity. Goal is to have the partnership in place prior to sending contracts to dealers in late July or August.

Volunteer Reward Committee: No Report, report expected in August.

Old Business:

Professional investment advisor for the endowment fund: Marc Mullaney has received a copy of the Non-profit prospectus from Todd Early at Eddelmann's. Marc distributed copies to the board members who were present at the meeting to review. Questions from the board should be sent to Marc. He will report back at the August meeting.

Club Trailers Wheel Cover Construction: Wood has been purchased and painted with one coat of paint. Additional painting is necessary prior to completion. Expected completion by October.

SCVGMS Dues: MSP (R. Bailey, R. Kennedy) Effective May 31, 2010, we will be raising member dues to \$20.00 for adults and \$5.00 for Juniors, no change to initiation fee.

Deposit for the 2010 show: Frank Mullaney has paid the deposit for the Exposition Hall for the 2010 show. **Additional Insured Certificates:** No Report

Booth at County Fair: Bill Spence has presented the insurance rider to the fair board. It was accepted and approved. Michael Paone is coordinating the booth setup and staffing. He will not be available for teardown, someone else will need to be responsible for that aspect. Several board members volunteered for staffing hours.

DVD Player: Marc Mullaney will be purchasing a DVD player with battery backup. He will be looking for one on sale and under the \$100.00 limit.

Scanning of historical documents: Marc reported that he is working on the task. He suggested that the board think about purchasing flash drives for key officers so that they can store their SCVGMS files on them.

New Business:

Communications to club members via email: After discussing current challenges, it was decided that Pat Speece would handle all aspects of keeping members apprised of club activities and important club messages. Rick Kennedy would handle all aspects of informing members about Public Land, PLAC, ALAA, and current legislation issues.

Founders Day Picnic raffle: Raffle was discussed.

Newsletter printing: Pat Speece discussed problems she has been having with our current newsletter copier. It was agreed that Pat should look for another business to copy the Breccia. She will investigate other copying businesses. Costs and delivery method would need to be similar.

Donation in Memory of John Surrell: MSP (R. Bailey, M.Mullaney) to make a donation to the CFMS Endowment fund for \$25.00 in memory of John Surrell.

July Board meeting will be immediately after the general meeting on July 28th.

Meeting adjourned at 9:10 PM. Refreshments were served.
Respectfully submitted, June Harris, SCVGMS Secretary



Let's see a show!

CFMS

<http://www.cfmsinc.org/>

July 11-12 2009, Culver City, CA

Culver City Rock and MinClub
Vets Mem Auditorium , Rotunda
4117 Culver Blvd
Hours: Sat. 10-6, Sun. 10-5
Robert Thirlaway (310) 213-7677
Email: thirlawr@gmail.com
CulverCityRocks.org/fiesta.htm
Show Flyer: [click here](#).

Aug 1-2 2009, San Francisco, CA

San Francisco Gem & Min Soc
San Francisco Cty Fair Building
Ninth Ave. at Lincoln Way
Hours: Sat. 10-6, Sun. 10-5
Website: www.sfgms.org
Show Flyer [click here](#).

August 7-9 2009, Nipomo, CA

Orcutt Mineral Society
St Joseph's Church
298 S. Thompson Ave.
Hours: 9-5 daily
Wes Lingerfelt (805) 929-388
Email: Rocks4u@prodigy.net
Website: www.omsinc.org
Show Flyer: [click here](#).

August 14, 15 & 16 2009, Tehachapi, CA

Tehachapi Gem & Mineral Society
St Malachy Catholic Church
407 West E. Street
Fri. & Sat. 8-7:30; Sun. 8-5:30
Chuck Overall (661) 821-4650
Email: Luckydog5433@aol.com

Aug 22-23 2009, Orangevale, CA

Orangevale Com Center
6826 Hazel Ave.
Hours: Fri. & Sat. 10-6; Sun. 10-5
John Moulder
Email: gbcorp@surewest.net
www.treasuretroveofgems.com

September 4-7 2009, Fort Bragg, CA

Mendocino Coast Gem & Mineral Society,
Town Hall
Cr. of Main & Laurel
Hours: Fri. to Sun. 10-6, Mon. 10-4
Don McDonell / (707) 964-3116

September 12-13 2009, Vista, CA
Antique Gas & Steam Engine Museum
2040 N. Sante Fe Ave.
Hours: Sat. 10-5; Sun. 10-4
Fred Wilson (760) 433-8464
Cherie Wilson (760) 941-7073
Lois Harr (560) 724-0395

Sept 19-20 2009, Redwood City, CA

Sequoia Gem & Mineral Society
Redwood City Com Activities Bldg.
1400 Roosevelt Ave.
Hours: 10-5 daily
Carol Corden (650) 248-7155
Email: coorden@comcast.net
www.sgms.driftmine.com/home.htm
Show Flyer: [click here](#).

Sept 19-20 2009, Paso Robles, CA

Santa Lucia Rockhounds
Pioneer Park & Museum
2010 Riverside Ave.
Hours: 10 - 5 both days
Richard Smith (805) 467-2966
E-mail: jonme2@wildblue.net
Show Flyer: [click here](#).

September 19-20 2009, Stockton, CA

Stockton Lapidary and Min Club
Scottish Rite Masonic Center
33 West Alpine Ave.
Hours: 10 - 5 both days
(209) 946-0113
E-mail: footsey1@yahoo.com
Website: www.stocktonlapidary.com

September 26-27 2009, Carmel, CA

Carmel Valley Gem & Min Soci
Monterey Fairgrounds
Hours: Sat. 10 - 6; Sun. 10-5
Website: www.cvgms.org
Show Flyer [click here](#).

Sept 26-27 2009, Downey, CA

Delters Gem & Mineral Society
Womens Club of Downey
9813 Paramount Blvd.
Hours: Sat. 10 - 6; Sun. 10-4
Nancy Bird (562) 697-0636
E-mail: nancyjbird@verison.net

Sept 26-27 2009, Monterey, CA

Carmel Valley Gem and Min Soc
Monterey Fairgrounds
2004 Fairgrounds Road
Sky Paxton (831) 262-2492

E-mail: sky@familystones.net
Janis Rovetti (831) 657-1933
E-mail: Janis12@sbcglobal.net
Website: www.cvgms.org

October 3-4 2009, Fallbrook, CA

Fallbrook Gem & Min Society
Fallbrook Gem & Min Museum
123 W. Alvarado Street
10 - 4 both days
Mary Fong-Walker (760) 728-1130
Email: ikonmiming@gmail.com

October 3-4 2009, Oroville, CA

Feather River Lap & Min Club
Oroville Municipal Auditorium
1200 Myers St.
Hours: 10 - 5 both days
Connie Rossetto (530) 59-1840
crossetto@aol.com
Website: www.orovillerocks.com"
Show Flyer: [click here](#).

October 10-11 2009, Grass Valley, CA

Nevada County Gem & Mineral Society
"Earth's Treasurers"
Nevada County Fairgrounds
11228 McCourtney Road
Hours: 10-5 both days
Kim Moore (530) 470-0388
Email: kmoore160@comcast.net
Website: www.ncgms.org

October 10-11 2009, Trona, CA

Searles Lake Gem & Mineral Society
Searles Gem & Mineral Show Building
13337 Mian Street
Hours: Sat. 7:30-5; Sun. 7:30-4
Jim & Bonnie Fairchild (760) 372-5356
Email: sigms@iwvisp.com
Website: www1.iwvisp.com/tronagemclub

Oct 17 2009, Woodland Hills, CA

Woodland Hills Rockchippers
first United Methodist Church
22700 Shemman Way, West Hills
Hours: Sat. 10-5
Email: show@rockchippers.org
Show Flyer: [click here](#).

October 17-18 2009, Anderson, CA

Shasta Gem & Mineral Society
Shasta District Fairgrounds
Near Redding off hwy 273
Hours: Sat. 10-5, Sun. 10-4
Steve Puderbaugh (530) 365-4000



AFMS/NFMS SHOW & CONVENTION
 JULY 30, 31 AUGUST 1, 2 2009

30,000 SQ FEET OF GEMS, JEWELRY,
 FOSSILS, & MINERALS

SEE THE **MOON ROCK** FROM NASA
 DINOSAURS * YOGO SAPPHIRES * CAVE BEAR

WHERE: HOLIDAY INN TRADE CENTER
 5500 MIDLAND ROAD
 BELLINGHUS, MONTANA

HOURS: THURSDAY, FRIDAY,
 & SATURDAY - 10AM-6PM
 SUNDAY - 10AM-5PM

Tickets: \$3.00 Ea.
 2 Day Pass \$8.00
 4 Day Pass \$15.00
Children under 12 free with adult

Shop @ more than 35 Jewelry, Gem,
 Mineral, Fossil, and Lapidary Dealers
 Demonstrations, Educational Displays
 Silent and Live Gem and Rock Auctions
 A full week of Field Trips after the show

For more information: email Doug Trice @ doug@billings.com Call (406) 679-0906
 WWW.AMFED.ORG and Click on AFMS/NFMS Convention & Show

**AFMS field trips
 in conjunction with the
 AFMS show:**

1-August 3, 2009 trip for black and white fortification agate

2-August 5, 2009 trip for Montana Agate, petrified wood, jaspers, agatized coral and more

3-August 6, 2009 trip for ammonites, scaphites, nataloids and various bivalves and snails.

Be aware that rattlesnakes and ticks are in the area.

For further information, go to www.amfed.org; then Federation Shows, Convention.

**JUNE TREASURERS REPORT
 AS OF JUNE 25, 2008**

Beginning Balance	\$13,779.20		
Receipts			
		\$7.00	Initiation Fees
		\$589.50	Silent Auction
		\$276.00	Dues
		\$0.11	Interest
Total		\$872.61	
Total Plus Receipts		\$14,651.81	
Disbursements			
Approved			
	1146	\$1,050.00	Deposit at Fairgrounds for 2010 show
	1154	\$220.00	Tumbles Stones
Needs Approval			
	1147	\$55.19	Expressions for May Breccia
	1148	\$38.37	Grace Sanot Meeting Refreshments
	1149	\$39.95	Grace Sanot Meeting Refreshments
	1150	\$35.20	Ruth Bailey Breccia Postage
	1151	\$10.39	John Palmieri Silent Auctions bid sheets
	1152	\$22.98	Julaine Mullaney Phone Bill June
	1153	\$25.63	Julaine Mullaney Phone Bill May
	1155	\$59.06	Julaine Mullaney Business Cards 2010 Show
Total Disbursements		\$1,556.77	
Balance		\$13,095.04	



Let's Make Some Tumbled Gemstones!

www.geology.com/rock-tumbler/rock-tumbler-instructions.shtml

The tumbling process is simple. You start with some broken rocks, known as [tumbling rough](#), and place them into a tumbling barrel with some [abrasive grit](#) and water. The barrel is then rotated over and over 24 hours a day on a [rock tumbler](#) that is powered by a small motor.

All of this tumbling wears the rough edges off of the stones and produces smooth, rounded pebbles. These are then run through a [polishing step](#) to produce shiny gemstones. Tumbling rocks is easy and fun.

Step 1: Coarse Grind

Inspect the rocks that you are about to tumble. Make sure that they are the same hardness and of various sizes. Remove any rocks that are cracked, have deep voids or have extremely irregular shapes. These should be discarded or broken. Fill the barrel 2/3 to 3/4 full of high-quality rocks.

Note: If you are tumbling rounded beach rocks or rocks that have been pre-tumbled and are satisfied with the shape of the rocks, you may skip the coarse grind step and go straight to the fine grind. But if your rocks are broken, have jagged edges, or you would like them to be a bit more rounded, put them through the coarse grind first.

The barrel must always be at least 1/2 full for the tumbler to operate properly. But don't overload it! Barrels more than 3/4 full (including grit and water) may be too heavy for your tumbler's motor and there might not be enough space inside for the rocks to tumble. A 3 pound tumbler has a motor designed to tumble a barrel that weighs up to 3 pounds, a 6 pound motor can handle a barrel or two barrels weighing 6 pounds total, etc. If you're not sure if the barrel is too full, weigh it after adding the water.

Add the appropriate amount of [tumbler grit](#) according to the tumbler's instructions, or use the chart below.

	Step 1	Step 2	Step 3	Step 4	Step 5
Barrel Size	Coarse Grit 60/90	Fine Grit 120/220	Pre-Polish 500 Grit	Polishing Compound	Burnish (Soap)
Pounds	Tablespoons				
1.5	3	3	4	4	1/2
3	4	4	5	5	1
6	10	10	12	12	2
12	20	20	24	24	4

Add enough water to reach the bottom of the top layer of stones, but not so much that they are covered. You want to see some of the rock above the water.

Use a paper towel to clean the inside and outside rims of the barrel and the edges of the lid. Make sure the surfaces that will form the seal are clean and dry. Place the lid on the barrel and seal the barrel. Put the barrel on the tumbler and start the motor. And we're off!

To be continued next month.

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Society purpose: The purpose of the society is to foster an interest and appreciation for rocks and minerals by furthering knowledge of the earth sciences in our members and our community.

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Donation Receiving Committee (DRC) If you have rocks, tools, or equipment you want to get rid of, call George and Jane Yamashita (408) 353-2982

Field Trips Dean Welder (408)353-2675 or fieldtrips@scvgms.org

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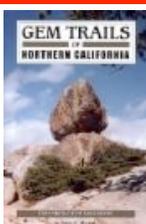
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