



From the President's Pen

I think it's summer!! Memorial Day is the unofficial beginning of Summer, but what with the cool Spring temperatures and seemingly unending rain, it's hard to appreciate. Nevertheless, Summer is the official vacation time and field trip season. If you're planning a Staycation this year, here's some suggestions to make it more enjoyable:

- The Lapidary Shop will be open this summer. The shop is an important part of the club -- you can acquire and polish your skills -- and learn more about our hobby. Think of the wonderful jewelry and other items you could make for Christmas presents. (It's never too early to think about Christmas!)
- Come to local Field Trips. Gordon has set up a really nice tour in June of the Quarry in Cool, followed by a trip for Tremolite. The Cool quarry is not open to the public, so this is a great opportunity to see it.
- Our Annual Summer Potluck will be in July. Start planning now what you might want to bring. We'll be giving you some general categories in the bulletin. This will be fun occasion to meet more members of the club.
- Attend a Rock and Gem Show. August 6 and 7 there will be a show in Orangevale. Labor Day Weekend will be the Valley Springs Pow Wow. Both of these will have lots of rocks, gems, minerals, jewelry, and fossils that will give you a chance to see unusual stuff as well as get ideas for your own projects that you can do in our shop.

So Happy Summer!!

-- Carole Lockhart

Vice President's Viewpoint

Thanks so much to Hugh for another major live auction! I think it was another record breaker, but better yet, it was just plain fun!!!!!! Thanks to all the donors for the exquisite materials that were auctioned off.

For June, Richard Kowaleski is presenting a primer on stereo microscopes. What the heck is that? Well, show up at the meeting and find out. I have taken a look at his power point presentation and it is going to be great! By the way, if you are looking for one, he is a vendor of such things!!!! I own one and what a wonderful thing it is to look into a small crystal cavity and see a whole world of "Nature's Wonders" not visible to the naked eye or even a standard loupe!

July is our Summer BBQ, well sort of. We order meat from Back Forty BBQ, and it is great. Otherwise it is a pot luck and we show the pictures of our members doing what we do, for the first half of the year. Please forward pictures of outings and the show to Terry Yoschak for inclusion. Even pictures of your own private outings are welcome!

-- Jim Hutchings

Educational Program for June 14, 2011

RRR member Richard Kowaleski will do a presentation on stereo microscopes.

A stereo microscope uses two separate optical paths with two eyepieces to provide slightly different viewing angles to the left and right eyes. In this way it produces a three-dimensional visualization of the sample being examined.



Got Photos?



If you have photos of any club activities -- meetings, workshops, **FIELD TRIPS** -- please give them to Terry Yoschak at the June 14th meeting. They are needed for the slide show which we will present at the July potluck meeting.

Inside this issue:

Meeting Minutes	2
New Members, Announcements, Rookie News, Assistant Show Chair Needed	3
Cool Cave Quarry Tour, Shop News, The Formation of Geodes	4
Black Rock Desert Area Field Trip, Contra Costa Rock & Gem Auction	5
Meadow Lakes Field Trip, Gem Show	6
Calendar, La Peregrina, Pearl Storage	7
Upcoming Shows, CO-OP Field Trips List	8

MINUTES FOR ROSEVILLE ROCK ROLLERS EDUCATIONAL MEETING MAY 10, 2011

Call to Order by President Carole Lockhart at 7:00 p.m.

Flag Salute.

Present: 53 members, 7 guests and 6 juniors.

Introductions by guests.

Sunshine – Cyndy Burchard said 3 cards were mailed out.

Juniors – Carole Kowalik reported Caleb Sweet gave a presentation on calcite to 13 juniors. Experiments were done to demonstrate how limestone caverns are made. Thanks were given to the parents and to Paulo Buen-camino who assisted.

Treasurer- Terry Yoschak reported on the profit made by the show.

Secretary – Florence Brady had nothing to report.

CFMS – Rolf Zschoernig encouraged members to attend the annual CFMS show in Anderson.

Field Trips – Gordon Standlee brought samples of petrified wood he has found in the Virgin Valley. He will be leading day trips for similar wood over the Memorial Day weekend in the Virgin Valley area. In June, Gordon will be doing a field trip to the Cool Cave Quarry and then look for tremolite in the afternoon. Jim Hutchings reported on the upcoming trip to Virgin Valley.

Program – Jim Hutching reported the program for June will be done by RRR member Richard Kowaleski on stereoscopes.

Show Chair – in accordance with the wishes of former winner Don Evans, another Workers' Raffle drawing was done. Winner was Eugene Doyle who chose to receive a free adult membership and an 8" patch for his vest.

Lapidary Shop – Jim thanked Jim Barton for mowing the lawns. Jim reported the Fairgrounds might be locking gate C, members were encouraged to use Gate J for going to the Lapidary Shop and to the Garden Room for Educational Meetings. The shop committee will be holding a meeting on June 7th, 6:30 p.m. Please tell Jim if you plan to attend so you can receive the agenda.

Class Coordinator – Marilynn Arjil was absent.

Refreshments – Carole reviewed the need for a refreshments chair/committee. Members interested in serving on this committee were to speak to Carole.

New Business – a Director is needed to replace a Director who resigned. Jim Barton agreed to serve for one year.

Drawings – the following were the winners: Calyn McKnight, member; Justin Morse, Junior; and Sala Liva, Guest.

Recess for Refreshments.

Live Auction – auctioneer Hugh Brady reviewed the rules and he was assisted by Carole Lockhart, Lisa Giam-pietro and Erik Anspaugh.

Adjournment – meeting was adjourned at 8:46 p.m.

Respectfully submitted,
Florence Brady, Secretary

MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING MAY 24, 2011

Call to Order by President Carole Lockhart at 7:02 p.m.

Present: 8 officers. Absent: Jim Hutchings and Karla Shannon.

Minutes: A motion was MSA to approve the minutes for the Board meeting of April 26, 2011, and the Educational meeting of May 10, 2011.

Treasurer: Terry Yoschak reported that we are getting notices from the Placer County Assessor for property taxes back to 2006. We will owe 1% tax of the assessed value of the property (assessed between \$9,000 - \$9,500 per year). A bill will be sent in 2 or 3 months. This will be looked into. For the June 7 Shop meeting, Terry has prepared a spreadsheet of shop revenues/expenses which will be sent to each member of the shop committee. For the Show, we are waiting to see if we receive a refund from the Sacramento Bee for \$650, since they failed to place one of our paid ads.

Membership: A motion was MSA to approve the application for membership of Steven & Kimberley Loe, and Lauren Loe, junior.

Bulletin: Terry Yoschak said the bulletin deadline is Thursday, June 2.

Field Trips: Gordon Standlee talked about the Cool Cave Quarry tour and collecting at the Auburn State Recreation Area for tremolite, set for June 18. An article will appear in the June bulletin. For July, he hopes to set up a trip to Hearst Beach State Park.

Federation Director: Rolf Zschoernig reported on the CFMS Show in Anderson. At the Cracker Barrel meeting, a presentation was made on CFMS shows for the last 10 years. Jim Hutchings had submitted his comments re the CFMS show for 2005. Rolf felt CFMS should promote other clubs to offer their help to the host club. The CFMS 2012 show will be in Riverside, CA. Camp Paradise earth science studies – Rolf has made copies of the entry forms, which will be available at the June Educational meeting.

Class Coordinator: Marilyn Arjil was absent. Carole will look into this.

Show: Assistant Show Chair Pat Liva has had to resign, and we will look into finding a new assistant.

Shop: JMS Industries has raised their rate for septic tank removal from \$35 to \$55. We will look into whether we have a contract with them, or whether we can possibly switch to another service.

Directors: A motion was MSA to approve Jim Barton replacing Carole Lockhart as one-year Director. A motion was MSA to approve Carole Lockhart replacing Bob Willis as two-year Director.

New Business:

(Continued on page 3)

Orangevale Show, August 6 & 7 – The level of participation of the RRR in this show was discussed. We will not be doing the kitchen.

Valley Springs Pow-Wow – A motion was MSA to take the RRR exhibit case to the CO-OP tent, and Jim Barton will take the case. RRR's own space is across from the CO-OP tent.

The RRR timeline document needs to be revised. The RRR Treasurer's timeline is a separate document.

Next Board Meeting: June 28th.

Adjournment: The meeting was adjourned at 8:15 PM.

Respectfully submitted,
Florence Brady, RRR Secretary



June Refreshments

Refreshments for the June 14 Educational meeting are to be provided by Sherry Anderson, Robin Campos, Richard Johnson, Jenna Milburn, Carole Lockhart and Denise Hansen. Thank you all in advance!

We would appreciate if each family would sign up and bring a refreshment once in 2011.



New Assistant Show Chair Needed

Recently, our Assistant Show Chair, Pat Liva, had to step down as she is relocating at the end of the year. While we are very sad to hear that, we understand that life can throw you a curve and you have to duck and roll to the best direction you can. Since this leaves us without an Assistant Show Chair, we are looking to appoint a new one. If you would like to consider taking this position, you can contact me for details! Generally, the Assistant Show Chair attends show meetings, usually starting in September, November, then in January, February, and March. Ideally, the Assistant Show Chair is in an "orientation" period, preparing to take over the show the following year, but it is not necessarily absolute that you move up until you are ready to do so.

The Assistant Show Chair fills in in the absence of the Show Chair and takes on various projects and tasks that the Show Committee requires of him or her. You can call me at 530-367-5108 to ask more questions or offer to take the position. Otherwise, we will be looking for a volunteer at the June Educational meeting!

Jim Hutchings
2011 Show Chair



Welcome New Members

Steven & Kimberley Loe

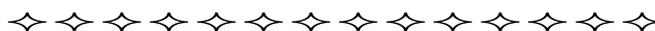
Welcome New Junior Member

Lauren Loe

Thanks for joining our club!
If you have any special interests you would like to pursue, we have some very talented and knowledgeable members in our club.

June Board Meeting

The meeting will be held Tuesday, June 28, 2011, at 7:00 pm, in the club Lapidary Shop at the Fairgrounds.



Rookie Rock Roller News



The June meeting will be held on the 14th at 5:30 in the Lapidary shop.

At our last meeting Caleb Sweet presented calcite. He and his dad brought sample for each rookie. Jim Hutchings also brought samples and other varieties of calcite. We set up some calcite caves using sand and sugar cubes in a jar. When we gather again, we will see how they came out.

At the next meeting Jim Hutchings will take us to the back of the lapidary shop to **cut open thunder eggs**. **Please bring any that you want opened.** If you don't have any, Jim will provide one to you.

See you all there.

Carole Kowalik 916-705-2124 home3004@gmail.com



A sympathy card was sent to Pat Liva, for the death of her mother.

When you know of any member who is ill or has been hospitalized, please contact our Sunshine Chair, Cyndy Burchard, at 530-346-9481, or cynded0523@yahoo.com.

Cool Cave Quarry Tour

Saturday, June 18, 9:00 AM

Teichert Company is providing their quarry geologist to give our club a special Saturday tour. We will examine the quarry, its operation, its products, and the unique geology of the area.

It is approximately a two-hour tour and is family friendly. Parking is at the Quarry off of Highway 49, just outside of Cool, between the American River and Cool.

After the tour, we will proceed about a mile to the Auburn State Recreation Area at Cool to look for Tremolite family rocks and minerals.

Come and enjoy the tour, and if you want to look for Tremolite, bring a lunch. You will need comfortable shoes, water, a rock hammer or small pick, and bag for your collected material. We are allowed to each collect up to 15 pounds of float material in the State Recreation Area. There is a small parking fee.

-- Gordon Standlee, Field Trip Chair

Shop!

We will be holding a shop meeting to discuss any matters in procedures or policies that you might like to see changed. The shop meeting will be held on **Tuesday, June 7th at 6:30 PM at the shop.**

While there are some who have expressed an interest in participating, the meeting is open to any members who might like to join us and offer input. If you have thoughts or ideas, please contact me by email and I will include your thoughts into the agenda items. We will circulate the agenda items to all interested parties for consideration and comment. The ideas from that round will be included in a final agenda for discussion at the meeting!

If you would like to add anything to the agenda, please send me an email at jhutchings22@hotmail.com.

-- Jim Hutchings, Shop Chair



The Formation of Geodes

By Sally Gwylan



Geodes are the mysterious treasure-boxes of the geological world. Undistinguished lumpy balls of rock from the outside, they often reveal crystal-lined interiors when cut or broken open. The crystals are most often clear quartz, although they are sometimes amethyst or calcite. Rarely, crystals of pyrite, sphalerite, and other minerals may also be found. Geodes may be less than an inch in diameter, though some, like the Brazilian amethyst cathedrals, can be several feet across. But some geodes, commonly referred to as duds, are empty. Others are solid crystal, or nearly so; these are called nodules.

There's no way of telling what you will find in a particular geode from looking at the outside, although nodules are noticeably heavier than hollow geodes. Geologists don't agree on the exact processes involved in the formation of geodes. Given that geodes form in both volcanic and sedimentary rocks under very different conditions, the subject is a complex one. But **the most common theory is that geodes form inside already existing hollows within the rock.** In the case of volcanic rock these hollows are the result of gas bubbles in the molten flow. Cavities in sedimentary rock may be the result of concretions,

of an expansion in the rock due to internal fluid pressure, or of the dissolving out of earlier material by groundwater—or any combination of these causes.

Groundwater laden with silica and other minerals fills these hollows. Over hundreds to thousands of years minerals precipitate out of the water, leaving a silica gel on the interior walls of the cavity that hardens into rock as it dries. The first layer is usually chalcedony, a strong, crypto-crystalline form of quartz. As this process of mineral precipitation reoccurs over and over, later layers form distinct, inwardly pointing crystals. Geodes that are empty missed these later cycles. When a number of geodes are found together in a layer of rock, often it's the ones at the top—ones that were often above the level of the groundwater—that are duds.

A similar process of mineral precipitation can create crystal-lined cavities called vugs. The difference between one of these cavities and a geode is that the outer layer of a vug is not durable enough to survive weathering, so it disintegrates when exposed rather than forming a ball or rock with a crystalline mystery at its heart.

From CGMS News, 3/04 via Rock Rattler 4/07

"CO-OP MEMBER" FIELD TRIP TO BLACK ROCK DESERT AREA, NV

- This trip is open to all rockhounds who agree to abide by the AFMS Code of Ethics, the directions of the field trip leader and practice safe rockhounding.
- **Call the field trip leader beforehand** to sign up and for further information.
- Remember to wear your name badge and sign in with the field trip leader.
- CO-OP website has information: www.ourfieldtrips.org (Password is needed).
- A Consent and Assumption of Risk Waiver of Liability form must be signed upon arrival at meeting site.
- All non-CFMS members must provide proof of personal liability insurance (homeowners or renters).

TRIP LOCATION – Black Rock Desert Area, NV

TRIP DIFFICULTY RATING SCALE -

Vehicle Access & Parking - # 7 - difficult access by 2 wheel drive, high clearance required (2 wheel SUV's, trucks)

Collection or View Site - # 6 - ¼ to ½ mile with trails on hill sides, or through brush and creek beds **# 7** - ½ mile or **more** to site, difficult trails and ravines or water crossings. Potential exploration for additional sites.

WHEN – June 17, 18, 19, 20, 2011

SPONSOR CLUB – Calaveras Gem and Mineral Society

LEADER & CONTACT INFO – Robert Young
(field trip leader)

CO-OP website has information:
www.ourfieldtrips.org (Password is needed).



<p>Contra Costa Mineral & Gem Society</p> <p>Rock & Gem Auction</p>
<p><i>Coming In June ...</i></p> <p>Rough Rock, Slabs, Equipment Jewelry, Findings</p>
<p>June 20th</p> <p>Monday 7:00 pm – 9:30 pm</p> <p>Centre Concord 5298 Clayton Road</p> <p>Open to the Public; Free Admission <i>Proceeds to Local Scholarships</i></p> <p>ccmgs.org (925) 289-0454</p>

From Panama to Elizabeth Taylor: The Story of La Peregrina Pearl

Discovered in Panama in the 1500s by an African slave diving off Panama's Pearl Islands, La Peregrina ("The Wanderer") is one of the most famous pearls in the world.

Soon after its discovery, the white pear-shaped pearl was taken to Spain where it became part of the crown jewel collection. Around 1554, Phillip II of Spain gave the pearl to Queen Mary I of England as an engagement present. When "Bloody Mary" died in 1558, it was returned to Spain and worn by a succession of Spanish queens over the next 250 years.

In 1808, Napoleon Bonaparte conquered Spain and took the pearl with him back to France. Years later, Napoleon III, who was exiled in England and facing financial difficulties, sold La Peregrina to the Marquis of Abercorn.

In 1969, Welsh actor Richard Burton spent \$37,000 at a Sotheby's auction to buy La Peregrina from the Duke of Abercrombie as a gift for his wife Elizabeth Taylor.

Copyright © 2011 The Panama Digest.



Queen Mary of England



Elizabeth Taylor

Pearl Storage

Pearl strands should be stored separately from other jewelry because the surface of a pearl is soft and easily scratched by other gems.

NEVER store pearls in a plastic bag. Some types of plastic emit a chemical that will cause the surface of your pearls to deteriorate.

Don't store pearls in a safe or safety deposit box for long periods. The same ultra-dry atmospheric conditions that extend the life of paper documents may dry out your pearls and cause them to craze--to develop small fractures in the surface.

Pearl strands should be stored flat rather than hanging so the thread won't stretch out prematurely.

Excerpted from Breccia 9/02



June Calendar

			1 Lapidary Shop 6:30-9:00 pm	2 Lapidary Shop 5:00-9:00 pm	3 Birthstone: Pearl	4 
5	6 Lapidary Shop 5:00-9:00 pm	7 SHOP Meeting 6:30 pm	8 Lapidary Shop 6:30-9:00 pm	9 Lapidary Shop 5:00-9:00 pm	10	11
12	13 Lapidary Shop 5:00-9:00 pm	14 Meetings: Rookies 5:30 pm Club 7:00 pm	15 Lapidary Shop 6:30-9:00 pm	16 Lapidary Shop 5:00-9:00 pm	17	18
19 	20 Lapidary Shop 5:00-9:00 pm	21	22 Lapidary Shop 6:30-9:00 pm	23 Lapidary Shop 5:00-9:00 pm	24	25
26	27 Lapidary Shop 5:00-9:00 pm	28 Board Meeting 7:00 pm	29 Lapidary Shop 6:30-9:00 pm	30 Lapidary Shop 5:00-9:00 pm		

Upcoming CO-OP Member and Other Field Trips

(Contact your club's field trip leader for further information and revisions. CO-OP website also has information: www.ourfieldtrips.org). All non-CFMS members must have proof of personal liability insurance (renters or homeowners policy). These trips are open to all rockhounds who agree to abide by the AFMS Code of Ethics, the directions of the field trip leader and practice safe rockhounding.

June 11-12	Linka Mine, Austin, NV area for fluorescent minerals, other minerals, graptolites. <i>Nevada Co. Society</i> , Vicki Black
June 17-20	Black Rock Desert, NV for limb casts, petrified wood, jaspers, opal, calcite. <i>Calaveras Co. Society</i> , Bob Young
June 25-26	Meadow Lake, (Truckee area) CA for chalco & arsenopyrite, viewing petroglyphs. <i>El Dorado Co. Society</i> , FT Leader TBD
June 29 - July 4	Madras, OR for annual Pow Wow for various collecting trips. <i>Sacramento Mineral Society</i> , Joe Shook
July 23, 24	Sump and Monte Cristo, NV for minerals. <i>Sacramento Mineral Society</i> , Joe Shook
July 29-31	Covello, CA – for Jade - <i>Vallejo Gem and Mineral Society</i> , Lori Palacio
Aug. 13	Jade Cove, CA – for Jade – <i>San Francisco Gem and Mineral Society</i> , Barb Matz
Sept. 9-11	Black Rock Desert, NV – for geodes, petrified wood, Christmas agate, and fossil leaves - <i>Napa Valley Rock and Gem Club</i> , Heinz Dreier; and <i>Garage Grinders</i> , Scott Paradis
Sept. 11	Grimes Pt./Fallon area, NV for jasper, agate, rhyolite. <i>Amador Co. Society</i> , Marty Carswell
Sept. 17	Shell Beach, CA – for jasper and whalebone - <i>Vallejo Gem and Mineral Society</i> , Lori Palacio
Sept. 30 (Fri.)	Gladding McBean Mine Tour, Lincoln, CA. <i>Sun City Lincoln Hills Society</i> , Ron Clawson
Check this page in the bulletin each month for more trips & updated information.	

Upcoming Northern California Shows

August 6-7 - ORANGEVALE, CA

Treasure Trove of Gems

Orangevale Community Center, 6826 Hazel Avenue
Sat. 10 to 6; Sun 10 to 5

<http://www.treasuretroveofgems.com/>

August 6-7 - SAN FRANCISCO, CA

San Francisco Gem & Mineral Society
Presidio Golden Gate Club, 135 Fisher Loop
Hours: Sat. 10-6; Sun. 10-5

Carleen Mont-Eton (415)564-4230

Email: publicity@show.sfgms.org

Website: www.sfgms.org

September 2-5 - FORT BRAGG, CA

Mendocino Coast Gem & Mineral Society

Town Hall, 363 N. Main St, (corner of Main & Laurel)
Hours: Fri-Sun 10-6; Mon 10-4

Jerry Sommer (707) 917-1833

September 17-18 - STOCKTON, CA

Stockton Lapidary & Mineral Club

Scottish Rite Masonic Center, 33 W. Alpine Avenue
Hours: 10-5 Daily

Jan Bradley or Dorothy Tonnacliff (209) 629-3837 /
(209) 603-4539

Email: slmcsow@juno.com

Website: <http://www.stocktonlapidary.com>

October 15-16 - ANDERSON, CA

Shasta Gem & Mineral Society

Shasta District Fairgrounds, Briggs Street
Hours: Sat. 9-5; Sun. 10-4

Steve Puderbaugh (530) 365-4000; Cell (530) 604-2951
Email: steve@applyaline.com

Website: www.shastagemandmineral.com

October 15-16 - PLACERVILLE, CA

El Dorado County Mineral & Gem Society

El Dorado County Fairgrounds, 100 Placerville Drive
Hours: 10-5 daily

Karen Newlin, (530) 676-2472

Email: info@rockandgemshow.org

Show Website: www.rockandgemshow.org

October 15-16 - SANTA ROSA, CA

Santa Rosa Mineral & Gem Society

Veterans Memorial Auditorium, 1351 Maple Ave
Hours: Sat. 10-6: Sun 10-5

Debbie Granat (707) 542-1651

Email: santarosarockshow@hotmail.com

Website: www.srmgs.org

ROSEVILLE ROCK ROLLERS GEM & MINERAL SOCIETY
BULLETIN EDITOR
P.O. BOX 212
ROSEVILLE, CA 95678

Send exchange bulletins to
above address



June 2011

*** First Class Mail ***



the
**ROLLIN'
ROCK**

ROSEVILLE ROCK ROLLERS, INC.



MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES
MEMBER, AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES
VOL. 52 NO. 6 JUNE 2011

EDUCATIONAL MEETING 2ND TUESDAY OF EACH MONTH, 7:00 PM
EXECUTIVE BOARD MEETING 4TH TUESDAY OF EACH MONTH, 7:00 PM

EDUCATIONAL MEETING LOCATION: ROSEVILLE FAIRGROUNDS,
GARDEN ROOM, 800 ALL AMERICA CITY BLVD., ROSEVILLE, CA

BOARD MEETING LOCATION: ROSEVILLE FAIRGROUNDS,
LAPIDARY SHOP TRAILER BEYOND GATE "C" PARKING LOT

Changes and exceptions will be published in the bulletin.
GUESTS AND VISITORS ALWAYS WELCOME