



From the President's Pen

Well, Christmas has passed and as I write this New Year's is just on the horizon. It has been an exciting year considering the changes we have had to endure while the fairgrounds goes through its update and repairs. But, even prior to the fairgrounds going through its changes there were the rains that had caused a need for us to hold our meetings at the Maidu center. So last year looks like the year of "change", and I just want to thank all of you for rolling with the punches. The New Year may have a few bumps in the beginning, but I believe we will take it in stride and proceed in an orderly fashion.

There have been some exciting finds for fossils. There are reports of a 3.5 billion year old fossil found in a rock from Australia. This is the oldest fossil found to date and points to the oldest known life form. There are even talks that the finding of this life form provides even more proof for life beyond our planet. Speaking of life beyond our planet the US Government has admitted searching for E.T. I will just leave that there for all to ponder! Another wondrous find is a glow in the dark shark. There are some very cool images of the shark on the web, recommend you all take a look when you get a chance.

I hope everyone has had a great past year, and here's to a New Year full of fun and exciting adventures. I hope you all have some great plans to learn something new, try something different and succeed at all endeavors you pursue!

— Glenn Fiala

Vice President's Corner

HAPPY NEW YEAR!!

"The new year stands before us, like a chapter in a book, waiting to be written. We can help write that story by setting goals." (Quote by Melody Beattie).

I, like others I'm sure, had a very difficult year. Being a member of the Roseville Rock Rollers Club this past year has been one of the high points of my year. Each month was a new chapter through the information in the Bulletin. The setting of goals through the information on classes, field trips, meetings with other rockhounds who are always there to help answer my questions and further my learning of this wonderful world, helped me through each month.

This brings us to our program for the January 9th meeting. I hope you like Surprises, because unfortunately, I am still working on it. I hope to see you there as we start this wonderful new year.

— Jan Kessler

Educational Program for January 9, 2018



Save the Date!

Saturday February 24th will be the date for Work Parties for the Silent Auction and the Kids' Junction. More details in the February bulletin.

Inside this issue:

Meeting Minutes	2
New Members, Rookie News, Announcements, Gem Faire Workers Needed	3
Lapidary Classes, Show Flyers	4
It's 2018 Show Time – We Need Helpers!	5
Show Biz—Exhibit Case Applications, Hear Ye Tumbler-ers, Raffle Donations, Workers' Raffle, PR for This Year's Show, Go Green	6
Calendar, Basic Description of the Differences Between Minerals and Crystals	7
Upcoming Shows, Co-Op Trips, Bench Tips	8

MINUTES FOR ROSEVILLE ROCK ROLLERS EDUCATIONAL MEETING DECEMBER 12, 2017

Call to Order at 6:45 p.m. by President Glenn Fiala.
Flag Salute – led by Junior Cora Wandel.
Present: 51+ members, 4 Rookies and 1 Guest.
Introductions – by guest and new members.
Invocation – given by Carole Kowalik.
Recess for Dinner.
Business Meeting called to Order.
Juniors' Activities – Carole Kowalik reported there were 6 Juniors and they did rock art Christmas trees plus other decorations.
Treasurer – Terry Yoschak reported nothing new.
Secretary – Florence Brady reported she is accepting renewals for 2018 membership dues.
Sunshine – Heather Crane had no report.
Vice President, Jan Kessler reported we are working on the program for January. She has requested members fill out the forms asking for suggestions for programs/presenters.
Field Trips – Gene Doyle explained the upcoming field trip on Dec. 17th.
Librarian/Historian – please return books and magazines to Karla Shannon or to the Lap Shop.
Show – Vendors' contracts were just mailed out. Jim Hutchings reported the next committee meeting will be Jan. 16th. Show flyers are available for members to take. Briefly discussed was the parking charge of \$5 for show attendees and that arrangements will be made for volunteers.
Lapidary Shop – Chair Mike Hunerlach reported there is a temporary water connection. The equipment is running well.
Class Coordinator – Cathy Nelson reported both classes for silversmithing are filled.
Refreshments – signups are being taken for the meetings for next year.
Announcements – Gem Faire will be Feb. 2, 3, 4. Volunteers will be needed to pass out our show flyers. Details after the holidays.
Presentation of CFMS bars and triangles – Glenn thanked the 2017 Board Officers for their work during 2017. The CFMS bar or triangle was given to each officer.
Election of Officers for 2018 – the candidates were introduced by Richard Kowaleski and a motion was MSA to accept the slate of officers for 2018.
Installation of Officers for 2018 was done by Richard Kowaleski.
Gift exchange was done by participants.
Adjournment – meeting was adjourned at 7:40 p.m.

MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING DECEMBER 12, 2017

Call to Order – by President Glenn Fiala at 7:45 p.m.
Present – all officers.
Membership application – a motion was MSA to accept the membership application from Wil Mar.
Appointment of Director – a motion was MSA to appoint Richard Kowaleski to the position of one year Director for 2018. (This was vacant due to the resignation of Gene Doyle.)

Respectfully submitted,
Florence Brady, RRR Secretary

MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING DECEMBER 26, 2017

Call to Order by President Glenn Fiala at 7:00 p.m.
Roll Call – present, all officers except Mike & Rene' Hunerlach and Teresa Johnson. Guests, Keith Lindholm & Hugh Brady.
Minutes – a motion was MSA to approve the minutes for the Bd. Mtg. Nov. 28, 2017 and Ed. & Bd. Mtgs. for December 12, 2017.
Treasurer – Terry Yoschak reported she is waiting for an update on the contracts we have with the Fairgrounds. Glenn reported he had 2800 show flyers printed to place in an advertisement. RRR will be paying \$8 per member to CFMS for 2017 membership.
Membership – Florence Brady reported we have 280 members and renewals are 193. A motion was made to approve the membership application for Steve Chipp.
Programs-Vice President – Jan Kessler reported she is working on the program for January's Ed. Mtg. Discussed were options for future programs. We will meet in either the Garden Room or Johnson Hall.
Historian/Librarian – Karla Shannon reported she has nothing new to report.
Bulletin Editor – Terry reported the deadline for the January bulletin will be Friday, Dec. 29th.
Field Trips – Gene Doyle reported he had 2 attendees for the field trip on Dec. 17th. Lots of material was found. He is researching other sites for field trips.
CFMS Director – Mike Hunerlach was absent.
Lapidary Classes – Chair Cathy Nelson reported on the upcoming silversmithing classes. She will be adding a class given by Glenn Fiala on beginning wire wrapping, on Feb. 10th. Discussion on charges for classes.
Vests, Shirts & Patches – no updates.
Show Chair – Jim Hutchings reported the vendors' contracts were sent out and received vendors' deposits were deposited in the show bank account. Approximately 45 contracts were sent out. He will be working on the layouts for the 2 buildings. Volunteer signups will start at the Jan. 9th Ed. Mtg. Next committee meeting will be January 16th.
Lap Shop – Mike was absent. See information under New Business, article c.
Directors – Richard Kowaleski reported he had published a new flyer for the CSUS geology students' scholarship. Deadline for applying will be noon, Feb. 16th. At the February 27th Board meeting, the applicants will be reviewed and a winner chosen.
Juniors – Juniors' Advisor, Carole Kowalik, reported the Rookies program for Jan. 9th is to be determined.
Old Business –
Update on the Fairgrounds – educational meetings will be in the Garden Room unless it is rented by another group. The gate to Parking Lot C should be open before the meetings. We are waiting to receive the contracts for 2018.
New Business –
Gem Faire – Feb. 2, 3, 4. Signups will be taken at the Jan. 9th Ed. Mtg.
Information as an FYI on other gem and mineral societies membership dues was shared. Later in 2018, we will take a look at possibly increasing the membership yearly dues.

(Continued on page 3)

Shop – discussion regarding rent and other fees incurred by the lapidary shop. Jim shared information published on a lapidary website, what other societies are charging to use their shop, when open, etc. It was pointed out that each person who takes a lapidary class or attends the Crafty Day pays \$5 to use the shop. Discussed needed repairs and projects.

Former RRR member Doude Bos will be holding a sale of rocks and minerals as he gets ready to move to Idaho. He will also be donating rocks to RRR to use at their silent auction sales. Members will have to help move the rocks to the shop area.

501C3 – Richard asked if we were still looking at changing to a 501C3. Currently we are a 501C4. Discussion followed, with most agreeing to remain a 501C4.

Adjournment – meeting was adjourned at 8:15 p.m.

Respectfully submitted,
Florence Brady, RRR Secretary

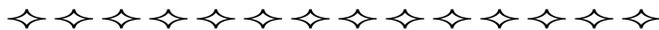


January Show Meeting

The meeting will be held Tuesday, January 16 at 7:00 PM in the club Lapidary Shop at the Fairgrounds. Members are encouraged to attend and get involved!

January Board Meeting

The meeting will be held Tuesday, January 23 at 7:00 PM in the club Lapidary Shop at the Fairgrounds.



January Refreshments



Refreshments for the January 9 Educational meeting are to be provided by Lynn Dowling, Mia & Ashley Wittmeyer, Kim Loe, Marian & Gary Reeder, Debi Roberts, Carie Seibert, Dustin McCaslin and Connie Simpson.

We would appreciate if each family would sign up and bring a refreshment once in 2018.

The refreshment sign-up sheet is at the entrance, on the Greeter's table.



Sunshine

When you know of any member who is ill or has been hospitalized, please contact our Sunshine Chair, Heather Crane, at (818) 903-4433 or hmcraane7@gmail.com



Welcome New Members:

Steve Chipp
Wil Mar

To Current Unrenewed Members:

This will be your last issue of the bulletin if you do not renew your membership!

If you are renewing, please add the \$3 late fee to your check.

Rookie Rock Roller News



The Rookies will meet at 5:30 p.m. in the lapidary shop on January 9th 2018. At our last meeting, we had a rock art project. We used polished pebbles to decorate a Christmas tree ornament.

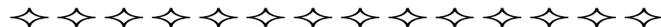
After that, we joined the adults for a wonderful potluck and gift exchange.

For our January meeting, we will learn about the property of specific gravity for rocks and minerals. The rookies will experiment with different rocks and minerals and log their results.

If anyone would like to work on badges, be sure to schedule a time with your junior advisor. You will be surprised to learn what you have accomplished in our meetings, at school, and with your family trips.

See you at the meeting,

Carole Kowalik, Junior Advisor
916-705-2124 home3004@gmail.com



Gem Faire Workers Needed



The annual Gem Faire at the Roseville Fairgrounds will be on February 2, 3, 4; Friday, Noon to 6 p.m., Saturday, 10 - 6 and Sunday, 10 - 5.

We are given table space to distribute show flyers and information regarding our club. You get to tell the Faire attendees, "At our show, they can get rocks, minerals and jewelry (and oh, yes, beads!)" here at the Fairgrounds on March 24 & 25!

RRR volunteers are needed. We have shifts for 2 1/2 - 3 hours, each of the 3 days. Signups will be taken during the January 9th Educational Meeting or e-mail Florence Brady, fhbrady@jps.net for more information and to sign up for a shift.

Lapidary Classes

Lapidary Classes - Introduction to Shop Use & Cabochon making is \$10 per class for 5 classes or \$45 paid in full. Our Shop is staffed Monday & Wednesday nights 5 pm - 9 pm! Learn more about the Lapidary Arts & Cabochon Making. A DVD is available for viewing at the Shop for Cabochon Making.

Regular \$5 per day or \$20 monthly rates apply for lapidary shop use after Orientation/Introduction classes.

Large & Extra Large Saws: \$1 per slab for 18 inch saw & \$2 per slab for 24 inch saw for cutting large & extra large rocks.

Crafty Days - Crafty Days is an open get together/play day for anybody wanting to work on their craft while yakking and snacking! We always have fun! Bring whatever you are working on and a snack to share. We meet 1st and 3rd Mondays each month. No class or class fee, \$5 for use of the Shop is the only fee. 10-2pm at the Lapidary Shop. **Crafty Days this month are January 15 and 29.**

Call Cathy for:

Silversmithing Class with Dan Bender—We have scheduled another **Silversmithing 1 class** with Dan Bender of The Studio 26 on **January 7, 2018** from 2PM to 5PM. During the class the students will each make and complete 2 sterling silver rings. **This class is filled.**



The class fee will be \$20.00 plus a \$5.00 shop fee. All supplies are included in the class fee. The instructor will furnish all the tools needed.

The second class will be **Silversmithing 2 on January 21, 2018** from 2PM to 5PM at Dan's studio in Cameron Park. The Silversmithing 2 class will only be open to those who have taken the first class. **This class is filled.**

Beginning Wire Wrapping with Glenn Fiala **Saturday, February 10, 9 AM-2 PM.** Fee \$25. Students do not need to bring any supplies or tools. However, bring jewelry making pliers if you have them.

Please pre-register with Cathy Nelson, the Lapidary Classes Coordinator 925-321-2024 or canelson2@netscape.net

To access the driveway and parking area for the Lapidary Shop please use the newly constructed West Gate. This is just past the Shop when one drives down Lawton Ave., passing the Parking Lot C of the Fairgrounds. Turn into the Gate area and open the gate. If it is locked, call Jim Hutchings (916) 995-7380 or Cathy Nelson (925) 321-2024 to get the combination number for the lock.



The Roseville Rock Rollers Gem and Mineral Society's ~ 56th Annual Show

Roseville Gem, Jewelry, Fossil, and Mineral Show

March 24 and March 25, 2018

Placer County Fairgrounds in Roseville
800 All America City Blvd.
Roseville, CA 95678

www.rockrollers.com

Family Fun

March 24, Saturday 10am-5pm
March 25, Sunday 10am-4pm
Rain or Shine

60+ Vendors - Inside & Outside

- Crystals
- Fossils
- Minerals
- Jewelry
- Gemstones
- Beads
- Educational Exhibits
- Demonstrations
- Silent Rock Auctions
- Great Food!

Adults \$6 - Seniors \$5
Kids 12 and Under Free
Parking \$5

Family Fun
Kid's & Scouts
Mineral Identification

\$1 off all admissions with this card!

www.rockrollers.com

Show Flyers

We have 5,000 of each size flyers (business card size and postcard size) and we need to get them distributed.

At the January, February and March meetings, take some of these flyers and distribute them to friends, family, co-workers, anyone you meet!

Point out that each flyer contains a coupon worth \$1 off on ALL admissions (everyone in the person's party at the admissions desk).

Our research tells us that more people come to our show through personal reference from a "friend" than from newspaper ads or any other source.

So YOU are the ones who will make our show well-attended!

Thanks from the 2018 Show Committee



Setup/Takedown



Admission



Kids' Junction



Kitchen

**It's 2018 Show Time – We Need Helpers! DATES: March 23, 24, 25
(NO experience needed!)**

Our show for 2017 needs volunteer workers to help with a short time setup Thursday afternoon, March 22, our regular setup on Friday, March 23, members to help during the show hours on Saturday and Sunday, and also with the takedown procedure on Sunday. For our new members, don't hesitate to help, as you will be working with other club members who can provide any needed assistance to you. Remember, once it was all new to us, too!

See areas where help is needed below. We ask that you sign up for a complete shift. Each volunteer will receive a ticket for the "Workers' Raffle" for each shift worked. (Volunteers working for Setup and Takedown shifts receive double raffle tickets.) Sign in with the Chairperson for the area where you are working.

Signups will be taken at our Educational Meetings. Look for the **SHOW SIGNUPS** sign. OR contact Florence at (916) 961-6868, fhbrady@jps.net.

SETUP – starts at 9 a.m. on Friday, March 23 and continues through the morning/afternoon. (A lunch is provided.) Assist with unloading items from storage trailer. Skirting is placed on vendors' tables and exhibit tables, exhibit cases are set up, and signs placed. During the afternoon, we help the exhibitors, vendors, and assist in kitchen if needed. A dinner is available for workers.

TAKEDOWN – starts promptly at 4 p.m. on Sunday, March 25. Assist exhibitors. Remove empty exhibit cases, remove skirting, take down exhibitor tables. Remove skirting from vendors' tables. Help pack all items into storage trailer. Help Silent Auction, Kids' Junction/Education Station, Kitchen, and Entrance Area clean up. Clean up buildings. Fairgrounds puts away tables and chairs.

DURING THE SHOW – Hours Open: Sat. 10-5, Sun. 10-4

**Each Show Day, two different shifts: 9:30 -1:30 and 1:00-5:00
(Kitchen and Kids' Junction/Education Station have different times/shifts.)**

KITCHEN — help prepare the food or be a cashier and take orders and money. Shifts are: 9:00-1:00, 10:30 - 2:30 and 1:00 -5:00

RAFFLE TABLE — Sell Raffle Tickets! Explain grand prizes and hourly prizes.

KIDS' JUNCTION/EDUCATION STATION – Run the train, assist with selling items, the spinning wheel, making necklaces, selling grab bags, etc. Shifts are: 9:00-1:00, 10:30 - 2:30 and 1:00 -5:00

SILENT AUCTION — Explain different auctions. Help setup an auction. Collect money from winners and make direct sales. A lot of fun, you get to see what is offered for sale!

ADMISSION TABLES — greet visitors, take admission money, assist with filling out forms which are used for hourly drawings and for addresses for the postcards. Explain the show is in 4 buildings.

SECURITY — Walk around the assigned building, be observant of the guests. Cell phones will be used to keep in contact. Arm bands and/or vests stating "Security" are worn.

DRIVEWAY/GREETER - Stand in front of Garden Room door and direct visitors inside; make sure no one goes into the other part of the Show without going through the Garden Room first, to pay.

EXTRA PERSONS — TO BE ASSIGNED WHERE NEEDED

These members would fill in where needed during the shift they signed up for.



Exhibit Case Applications

Fellow RRR club members. Remember the display cases a.k.a. exhibit cases last year? Would you like to have a case displaying your work and/or rock collections? Did you know that you can furnish your own case or use one of ours (we have plenty)?

If exhibiting your treasures is something you might be interested in or you want more information, I will be taking names, sending out sign-up forms and other information that an exhibitor will need.

We are here to help. I have instruction information and tips to help you with your exhibit. The cases will be set up and waiting for you to display your things the day before the show. As soon as you have everything in place we will bolt the case front closed and it will remain closed until the end of the show.

Any questions please contact me at 916-804-4272 phone and text or an email will be answered as quickly as possible. Jmcphe281@aol.com.

Thank you for all your help in making our show the number one show in northern California.

John McPherson, RRR 2018 Show Exhibits Chair



Workers' Raffle

Prizes this year are:

First Prize: Amethyst Tower
Second, Third and Fourth Prizes: Your choice of an RRR vest with patch, **OR** a family membership to RRR for one year.



You earn a ticket for each 4-hour shift you work at the show! It's that simple. You earn two tickets for working during the Set-up or Takedown shifts.

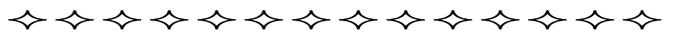
And when those raffle tickets are pulled (at the April 10th meeting — need not be present to win), you are only competing with other show workers. So your chances of winning are much better than being struck by lightning!

Hear Ye Tumbler-ers

We need your extra tumbled rocks. They do not need to be perfect. Any donations will be well used. We also accept beads, fossils, jewelry findings, etc. There should be jars labelled "Rookies" at the lapidary shop or educational meeting. Or hand them in to any show chair or junior advisor. We plan to use them to fill grab bags, use on the spinning wheel and for other activities in our Kids' Junction for our Show in March.



—Carole Kowalik, Juniors' Advisor

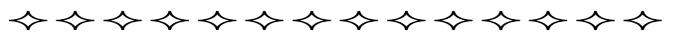


Raffle Donations



Chris and Denise are requesting donations for the Show Raffle and Door Prizes. We are looking for your rock art and jewelry. Also, we are looking for slabs. Please ID your items, and add your name if you wish.

There will be a donation box on the Show & Tell table at the meetings and a box in the classroom at the shop. Any more questions contact Denise at dedoads@gmail.com or Chris at evergreen.369@juno.com

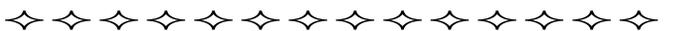


PR for This Year's Show



We desperately need help, especially on the social media side of things. We have two volunteers, but we could use a couple more people to help post on Facebook and other media to publicize our show.

If you can help, please contact Gloria Marie at (916) 216-1114 or gloriarosevilleroockrollers@gmail.com.



Go Green, Really Green
Get Your RRR T-shirt or Vest to Wear
for our March Show For sale at the meetings.

Basic Description of the Differences Between Minerals and Crystals

Have you ever been asked what the difference is between crystal and mineral? While the two words seem to be used interchangeably (not among Rockhounds of course), there are very significant differences between these two and knowing them would help you differentiate one from the other. Here are some facts to help you explain the differences.

A crystal is any solid that has an organized structure. That means that the atoms of this thing are positioned in very accurate distances and angles one from the other, as opposed to glass for example, in which atoms are in an more or less random arrangement.

Minerals are inorganic, naturally occurring substances that have crystalline structures. So it is a prerequisite to be a crystal in order to be a mineral. All minerals, therefore, form crystals. On the other hand, there are crystals that are not minerals, because they are not naturally occurring, or because they are not inorganic. Sugar and proteins are examples of solids that form crystals but are organic, so are not minerals. Some synthetic substances used in nanotechnology are crystalline, but are man-made, so not considered minerals either.



Crystals and minerals differ, not only through the ways in which they are used but they also differ in terms of structure. To put it simply, a crystal is a structure made up of various natural materials whereas a mineral is a material in itself. Two or more minerals can actually have the same chemical composition and yet completely differ when it comes to crystal structure. These are known as polymorphs. Crystal structure can greatly influence the physical properties of a mineral. A good example of this would be diamonds and graphite. As you already know, diamonds are known to be the hardest of all minerals and yet, whilst it has the same composition as the graphite, the latter is very malleable in nature.

From SCRIBE Newsletter May/June 2017



January Calendar

Birthstone: Garnet



Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	1 Shop Closed 	2	3 Lapidary Shop 5:00-9:00 pm	4	5	6
7 Silversmithing 2-5 pm	8 Lapidary Shop 5:00-9:00 pm	9 Meetings: Rookies 5:30 pm Club 7:00 pm	10 Lapidary Shop 5:00-9:00 pm	11	12	13
14	15  Crafty Day 10-2 Lapidary Shop 5:00-9:00 pm	16 Show Meeting 7:00 pm	17 Lapidary Shop 5:00-9:00 pm	18	19	20
21 Silversmithing 2 2-5 pm Offsite	22 Lapidary Shop 5:00-9:00 pm	23 Board Meeting 7:00 pm	24 Lapidary Shop 5:00-9:00 pm	25	26	27
28	29 Crafty Day 10-2 Lapidary Shop 5:00-9:00 pm	30	31	For more class information, contact Class Coordinator: Cathy Nelson (925) 321-2024 Email: canelson2@netscape.net		

Upcoming Northern California Shows

January 20 - 21: EXETER, CA

Tule Gem & Mineral Society, Visalia
Exeter Veterans' Memorial Bldg, 324 N. Kaweah Ave.
Hours: Sat 10 - 5; Sun 10 - 4
Contact: Margaret Buchmann, (559) 799-6034
Email: margarethu03@gmail.com
Website: www.tulegem.com

February 17 - 18: ANTIOCH, CA

Antioch Lapidary Club
Contra Costa County Fairgrounds, 1201 West 10th St.
Hours: 10 - 5 daily
Contact: Brenda Miguel, (925) 301-6957
Email: brenda.miguel@yahoo.com
Website: www.antiochlapidaryclub.com

February 24 - 25: VALLEJO, CA

Vallejo Gem & Mineral Society
Solano County Fairgrounds, 900 Fairgrounds Drive
Hours: 10 - 5 daily
Contact: Dan Wolke, 707 334-2950
Email: dncwolke@sbcglobal.net
Website: www.vjgems.org

March 2 - 4: NEWARK, CA

Mineral & Gem Society of Castro Valley
Newark Pavilion, 6430 Thornton Avenue
Hours: Fri & Sat 10 - 6; Sun 10 - 5
Contact: Cathy Miller, 510-887-9007
Email: showchair@mgscv.org
Website: www.mgscv.org

March 10 - 11: TURLOCK, CA

Mother Lode Mineral Society, Modesto
Stanislaus County Fairgrounds, 900 North Broadway
Hours: 10 - 5 daily
Contacts: Terry McMillin, (209) 484-4416
Email: terry.mcmillin@yahoo.com
Website: www.motherlodemineralsociety.com

March 17 - 18: SAN JOSE, CA

Santa Clara Valley Gem & Mineral Society
Santa Clara County Fairgrounds, 344 Tully Road
Hours: 10 - 5 daily
Contact: Sonia Dyer, (408) 629-5735
Email: sonia.dyer@sbcglobal.net
Website: www.scvngms.org

March 24 - 25: ANGELS CAMP, CA

Calaveras Gem & Mineral Society
Calaveras County Fairgrounds, 101 Frogtown Road
Hours: Sat 10 - 5; Sun 10 - 4
Contact: Robin Williams (209)-728-8277
Email: robinski@yahoo.com
Website: www.calaverasgemandmineral.org

March 24- 25: ROSEVILLE, CA

Roseville Rock Rollers Gem & Mineral Society
Placer County Fairgrounds
800 All American City Blvd (off Washington)
Hours: Sat 10 - 5; Sun 10 - 4
Contact: Gloria Marie, (916) 216-1114
Email: gloriarosevillerockrollers@gmail.com
Website: www.rockrollers.com

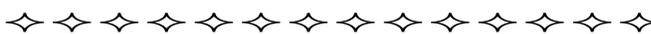


Co-Op and Other Field Trips

General Rules:

- 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.
- Call the field trip leader beforehand to sign up and for further information.
- Remember to wear your name badge and **sign in and out** with the field trip leader.
- Consent and Assumption of Risk Waiver of Liability form must be signed upon arrival at meeting site.

Feb 17	Lavic Siding, for agates and jaspers. CFMS Field Trips South. Contact: Adam Dean: theagatehunter@verizon.net (909) 489-4899 or Roy Isaac: 1bionicdj@gmail.com (818) 633-3350
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Bench Tips

By Brad Smith

QUICK CLOSE-UPS

Often when trying to get a close-up photo with your iPhone or Android, you end up with a fuzzy, out-of-focus image. Next time try using your loupe over the camera lens. It works quickly and easily.

More Bench Tips by Brad Smith are at [facebook.com/BenchTips/](https://www.facebook.com/BenchTips/) or see the book "Bench Tips for Jewelry Making" on Amazon at www.amazon.com/dp/0988285800/

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

Send exchange bulletins to
above address

*** First Class Mail ***



the
**ROLLIN'
ROCK**

ROSEVILLE ROCK ROLLERS, INC.



MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES
MEMBER, AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES
VOL. 59 NO. 1 JANUARY 2018

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