



From the President's Pen

The hot weather must have locked down all of the Geologists and amateur Geologists, because it appears to be a rather slow month for Geological News. Take a look at this little story about pyrite and gold, that "fool's gold" (pyrite) is looking much more appealing after all!

<https://scitechdaily.com/scientists-discover-fools-gold-is-not-so-foolish-after-all/>

Many of you are well versed on the rock cycle (how are rocks made and the types there are), have a look at this website that provides explanations and images. <https://www.geolsoc.org.uk/~media/shared/documents/education%20and%20careers/Resources/FactSheets/Rock%20cycle%20factsheet%20draft%20KS2%20v2/Rock%20cycle%20factsheet%20FINAL.pdf?la=en>

Finally I came across some rather cool images of volcanic dykes that you all may enjoy and perhaps search out even more on the web. <https://www.thoughtco.com/what-are-dikes-and-how-do-they-form-3893130>

<https://www.geologyin.com/2015/01/intrusion-of-basaltic-dykes-in-volcanic.html>

Enjoy these thought provoking items, have an excellent 4th of July celebration with family and friends, and hope to see you all at the pot luck on the 13th of July.

— Glenn Fiala

Vice President's Corner

Potluck and Conversation

Well, summer is here and a lot of adventure lies ahead. I hope you find new and interesting things you can enjoy and share. While some are away or occupied with family gatherings and trips looking for new material, our club takes these couple of months (July and August) to relax a bit too!

Since July is our annual Potluck and August brings the Ice Cream Social, we also have a short break in our Educational Speakers presentation, and give a bit more room for the socializing and conversation during these months. For the September meeting Lindy Summers-Bair will make another incredible presentation on Minerals with her excitement as she discusses the fascinating structures and colors we see.

Additionally, without our annual show this year, Tim Carlson will be holding a couple auctions at the Potluck and Ice Cream Social events, which should spur some curiosity with plenty of new materials recently donated, and equipment available for bidding and purchase. Come prepared to participate and maybe find what you have put off buying for a while.

The club will provide the barbequed meat for our Potluck, and look at the above list of what you can bring to make this an incredible time together.

Now, let's do some celebrating, we have plenty to celebrate together!

— Vernon Deck

Educational Program July 13, 2021

(In Johnson Hall)



**Potluck
Dinner!**

Members, please bring the suggested potluck items as determined by the first letter of your last name. Bring your own plates and utensils. The club will furnish meat & beverages.

Last name beginning with letters –

A-E bring a salad or side dish

F-L bring a dessert

M-Z bring a hot dish/main dish

Schedule:

Table & Food Set-up 6:00-6:30 pm.

Dinner at 6:30 pm.

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MINUTES FOR ROSEVILLE ROCK ROLLERS EDUCATIONAL MEETING JUNE 8, 2021

Call to Order at 7:10 p.m. by Vice President Vern Deck.

Meeting was shown on Zoom to 8 participants.

Glenn Fiala, President, later coordinated the meeting.

Flag Salute.

Introductions of Guests.

Present: Members, 51+, Juniors, 1 and Guests, 4.

Sunshine – no report.

Junior Activities – Carole Kowalik reported 2 Juniors attended the Rookies' meeting. They learned about petrified wood. Then for the activity they made dioramas of petrified wood scenery. At the July meeting they will play Rock Bingo.

Treasurer – no report as Terry Yoschak was not present.

Secretary – Florence Brady. Membership is 231.

Vice President – program for the July 13th Ed. Mtg. will be the annual potluck dinner, early start time of 6:30 p.m. Information will be in the July bulletin.

CFMS Director – Mike Hunerlach was absent.

Vests, Tee Shirts, Patches – Jan Kessler was present with available items.

Field Trips – Gene Doyle reported great finds were found this year at VV. Saturday, June 12th will be the trip to the Bear River out of Colfax. He is considering a field trip in July.

Librarian/Historian – Karla Shannon was absent. Glenn requested any returned books be given to the Officers.

Show Chair – Jim Hutchings reported we are not having a show this year. First Show Committee meeting will be Sept. 21st.

Lapidary Shop – Cathy Nelson, Acting Chair, had no report.

Lapidary Classes – Cathy is setting up a silversmithing class with Dan Bender on June 27th.

Refreshments – signups are being taken for the September Ed. Mtg. Thanks were given to those who brought in refreshments.

Old Business – Drawings for RRR Camp Paradise Scholarship: 1st winner was David McClain. Next 4 winners were placed in order drawn, on the waiting list, in case David cannot attend: Connie Simpson, Christine Davis, Trent Becker and Martha Nichols. (18 applicants, 2 were duplicates. 1 possible non-RRR member.)

Other Business - Terry Yoschak fell down the entry steps into the Roebbelen Center atrium at approximately 1830 on the 8th of June, 2021, and was taken to the hospital by Kimberly Fiala.

General Announcements – Glenn reported both a Silent Auction and Oral Auction will be held after the program.

Drawings - winners were: Member, Keith Lindholm; Junior, Anthony Cheairs and Guest, Paul Rubstello.

Program – Vern Deck introduced RRR member Fran Todd who gave a presentation on "How To Buy and Sell Rocks, Gems, & Jewelry."

Auctions – Tim Carlson explained the procedure to be used for both the Oral Auction and Silent Auction. Both were then started.

Adjournment – meeting was adjourned at 8:30 p.m.

MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING JUNE 8, 2021

Call to Order - by President Glenn Fiala at 8:42 p.m.

A quorum of Officers was present.

Membership Applications – a motion was MSA to approve the applications received from Shelly Meuser and Michaela Turner.

Board Meeting on June 22, 2021. On the agenda will be needed repairs to the Lapidary Shop. No regularly scheduled Board Meetings in July and August (4th Tuesdays of the month.).

Certificates for graduates of the Lapidary Orientation classes – Cathy Nelson reported she and Fran Todd are working on the development of the certificates.

Adjournment – meeting was adjourned at 8:50 p.m.

Respectfully submitted,

Florence Brady, RRR Secretary



MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING JUNE 22, 2021

Call to Order @ 7:05 p.m. by President Glenn Fiala.

Roll Call—6 officers present, plus appointed officer Kim Fiala = 7 for a quorum. Absent: Jim Barton, Denise Coyne, Vern Deck, Mike & Rene' Hunerlach, Jim Hutchings, Martha Nichols and Terry Yoschak.

Minutes - a motion was MSA to approve the minutes for Board Mtg. March 23rd, April 13th Ed. & Bd. Mtgs., May 11th Ed. & Bd. Mtgs. and June 8th Ed. & Bd. Mtgs. with the addition to the June 8th minutes: Terry Yoschak fell down the entry steps into the Roebbelen Center atrium at approximately 1830 on the 8th of June, 2021, and was taken to the hospital by Kimberly Fiala.

Treasurer - Terry Yoschak was absent. She reported payments were made electronically to Area One Solutions for March and April. A problem with receiving their invoices has been corrected. They will e-mail them directly to Terry. Karla will look into the problem with the PO Box at the post office.

Correspondence – None to report.

Membership - membership update, 233 members.

Vice President/Programs - Vern Deck was absent. Discussion regarding the annual potluck dinner, on July 13th. We will be meeting in Johnson Hall, earlier start time, 6:30 p.m. Jim Hutchings will order the meat, Carole Kowalik will bring one of the 2 lasagnas she has frozen in her freezer. A Silent Auction will be held. The August Ed. Mtg. will be the annual Ice Cream Social, along with a Silent Auction. For the September Ed. Mtg. RRR member Lindy Summers-Bair, will give the 2nd half of what she presented the first time.

Librarian – Historian - Karla Shannon reported she has the inventory list for the library in its final stages. She reported "The Nature of Earth", which is one book plus 6 DVD's is missing.

Bulletin/Website: Deadline for the July bulletin is Thursday, July 1st.

Field Trips - Gene Doyle gave an update on the field trip to the Bear River (13 attendees). He hopes to have a field trip on August 15th to Crystal Peak. He will see if Jim Hutchings

will do the annual field trip to Duncan Canyon. Discussion on the upcoming field trips to Delta, UT/Topaz Mt. Dates to be determined, either late Sept. or early October. To be determined, who will be the sponsor, CO-OP or CFMS.

Federation Director - Mike Hunerlach was absent. Kim Fiala reported the Diamond Dan book "Mineralogical Dictionary", 44 pgs. could be ordered - 50 books would cost 85 cents, lesser amount, would sell for \$1.00 per book. An order will be sent in for 50 books.

Lapidary Classes - Cathy Nelson reported Kymberly Andrews will be offering a class on chain maille on July 10th. The certificates for graduates of the Lapidary Orientation classes are in the final stages of development. Dan Bender will be offering a class on silversmithing on June 27th.

Show Chair - Jim H. was absent. There will be no show or tailgater this year. Next year's show is already booked with the Fairgrounds for March 24-27. First Show Committee meeting will be Sept. 21st.

Lapidary Shop - Cathy Nelson, Acting Chairperson, reported Denise Coyne will be resuming duties as Chairperson in the near future. Instructor Holli Hinkle has done a lot of repair work on the machines. Discussion regarding the misuse of equipment and how this can be rectified. Cathy will be discussing this with the instructors, they will, with the Board's support, enforce the rules. Also discussed was non-payment for rocks taken. Glenn led a discussion on upcoming needed repairs on both exit doors and the steps. He will start researching information on the doors. Rob Blazina might be able to help with getting the needed information. The stairs need to be replaced due to damage by a smoker.

Directors - no reports.

Juniors: Carole Kowalik reported due to the shorter meeting, the Juniors will play Rock Bingo.

Past President - Jim Barton was absent.

Old Business - Camp Paradise Scholarship. Our first place winner could not attend, so the 2nd place winner, Connie Simpson will be attending. Added to next year's entry form, "Must be an RRR member to enter". A total of 18 entries.

New Business - discussion regarding officers who have missed 3 or more Board meetings. A motion was MSA to appoint Barbara Louden as the new Federation Director. We are looking for a replacement for the one year director position, replacing Renee' Hunerlach.

Other Business - no regular 4th Tuesday of the month Board meetings in July and August. If needed, a Board meeting will be held after the July & August Ed. Mtgs. Next Regular Board meeting, September 28th.

Adjournment - meeting was adjourned at 8:32 p.m.

Respectfully submitted,
Florence Brady, RRR Secretary

July Board Meeting

No regular Board meeting has been scheduled for July.



Rookie Rock Roller News



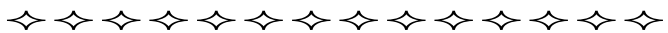
The Rookies will meet in the conference room of Johnson Hall at 5:30 on Tuesday, July 13, 2021. Park in the J (North) parking lot if you want to park close.

We will be learning a little rock identification by playing Rock Bingo. After the game, we will join the adults for the potluck. Be sure to look up your initials in the bulletin for what type of food item you should bring. Don't forget your plates and utensils.

At our last meeting in June, we learned about petrified wood. We created scenery with the petrified wood donated to the juniors. Kids have such great imaginations. They turned out really well.

Summertime is a great time to learn about the badge program. Let me know if you are interested.

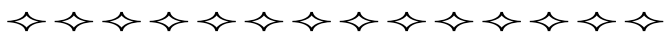
See you at the meeting,
Carole Kowalik, Junior Advisor
(916) 871-0573 home3004@gmail.com



July Refreshments

It's the Potluck! Check Page 1 to see what item you should be bringing! **Food should be brought in between 6:00 pm and 6:30 pm, because we start eating the food at 6:30!**

If you are assigned to bring a hot dish/main dish, **what we are looking for is more protein!** Suggestions include: a casserole with ground beef or cheese in it, or a pot of chili, or a bucket of KFC, or deviled eggs, etc. Use your imagination!



Get well cards were sent to Terry Bartels and Terry Yoschak.

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 hmcrane7@gmail.com

Co-Op and Other Field Trips

July 24	Duncan Canyon, CA for gold panning & sluicing. Roseville Rock Rollers. Contact: Jim Hutchings 530-367-5108 or 916-995-7380 jhutchings22@hotmail.com
Aug 6-14	Silver Pick Field Trip, for buying rocks, minerals, equipment and more, from the Pankey collection. At the Pankey home in Pittsburg, CA. Contact: dickpankey@juno.com or 925-439-7509
Aug 15	Crystal Mine. Near Verdi, NV for quartz crystals. Roseville Rock Rollers. Contact: Gene Doyle: 408-605-9457, or leave a message; eugene.doyle@sbcglobal.net. (See trip write-up Page 6)

Upcoming Northern California Shows

September 4-5, 2021 – Reno, NV

The Reno Gem & Mineral Society, Inc.
Jackpot of Gems
Reno Convention Center, 4390 S. Virginia St., Reno
Saturday 10 AM-5 PM, Sunday 10 AM – 4 PM
Contact Dan Ellis, sailondan55@aol.com
Website: www.renogms.org

September 18-19, 2021 – Chico, CA

Feather River Lapidary and Mineral Society
Silver Dollar Fairgrounds, 2357 Fair St., Chico, CA 95928
Saturday 9 AM – 5 PM, Sunday 9 AM – 4 PM
Contact: 1 530 586-7052;
Website: http://featherriverrocks.org

October 9, 2021 – Antioch, CA

Antioch Lapidary Club
Antioch Lapidary Club's Annual Artisan Jewelry/Rock Show
Antioch Lapidary Club's clubhouse, 425 Fulton Shipyard Rd., Antioch
Time: 10 AM – 4 PM
Contact: (925) 240-2954, vicmcpherson@sbcglobal.net
Website: http://www.antiochlapidaryclub.com

October 9-10, 2021 – Los Altos, CA

Peninsula Gem and Geology Society
One No. San Antonio Road, Los Altos, CA 94022
Saturday and Sunday 10 AM – 5 PM
Contact: 1 (408) 834-5384, steve_job@sbcbglobal.net
Website: http://pggs.org

October 16-17, 2021 – Santa Rosa

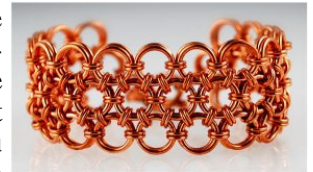
Santa Rosa Mineral & Gem Society
Santa Rosa Veterans Building, 1351 Maple Ave, Santa Rosa
Hours: Saturday 10 AM-6PM, Sunday 10 AM – 5 PM
Contact: Janyce Vickers (707) 217-0636
Email: santarosarockshow@hotmail.com

Upcoming Lapidary Classes

Japanese Lace Chainmaille Bracelet Class

There is a Japanese Lace Chainmaille bracelet class scheduled with Kymberly Andrews on July 10, 2021 from 9AM to 12:30PM at the RRR Lapidary Shop trailer. The class fee will be \$25.00 which includes the RRR \$5.00 shop fee. The goal is to have all students take home a finished bracelet while learning some basic chainmaille techniques.

All supplies are included in the class fee. Kymberly will provide copper jump rings for the project and anything else that you'll need. However, if you have your own favorite Chain Nose or Flat Nose Jewelry Pliers, please feel free to bring them.



Please register early as there is a limit on the number of students and the classes fill up fast. Prepayment is needed to hold a space in the class for you.

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

Intarsia Classes (Offsite)

Bill Simpson is offering Intarsia Classes at his shop in Meadow Vista.

The classes are two, 1/2 days. Fee is \$85.00 which includes \$5.00 to the RRR as a shop fee.

Or have you have taken Bill's class, and would like some more shop time?

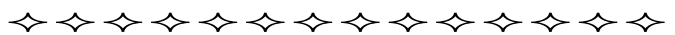
Bill has offered open shop time for \$25.00 for a half day those who have already taken his Intarsia class.



Please contact Bill Simpson 408-799-3243 to schedule.

I have attached a picture of a wonderful Intarsia piece that Bill did.

Cathy Nelson, Classes Coordinator



Thank You for These Recent Donations

Thanks to Trent Becker for his several donations:
A bracelet to Greeter's table and lapis and yellow opal.

Thanks to all who donated to Silent Auction, Kids' Junction and Raffle!

Lapidary Shop News

Lapidary Shop: We are still open for the cabochon classes, open sessions and mineral ID. This will be by appointment only, there will be no drop-ins at this time.

Classes will be a limited to 6 students/ people at a time due to COVID mandates.

Students must call the instructor for the day that they wish to attend for an appointment.

Everyone must wear a mask covering the mouth and nose while in the shop. Also, everyone must wash their hands or use a hand sanitizer before signing in.

The schedule is:

Mondays: 5PM to 9PM. Instructor is Vernon Deck. Please call him to set up an appointment. (805) 598-3206

Wednesdays: 11AM to 3PM. Instructor is Holli Hinkle. Please call her to set up an appointment. (916) 579-8011

Wednesdays: 5PM to 9PM Instructor is Fran Todd. Please call her to set up an appointment. (310) 987-0642

Mineral ID: with Jim Hutchings. Please call him for an appointment. (916) 995-7380

Thursdays: OPEN SESSIONS: Thursdays: 5PM to 9PM. Monitor is Holli Hinkle. Please call her to set up an appointment. (916) 579-8011

This open shop time is for those who have completed RRR's introductory cabochon class. Starting in July the open shop will be every Thursday. The usual \$5.00 shop fee will apply. — Please contact Cathy for any questions. 925-321-2024.

***The Monday and Wednesday classes are still being limited to 6 students.


Cathy Nelson, Acting Shop Chairperson



July Calendar

Birthstone: Ruby



Sun	Mon	Tues	Weds	Thurs	Fri	Sat
For questions about classes, contact : Cathy Nelson (925) 321-2024 Email: canelson2@netscape.net				1 Lapidary Shop 5:00-9:00 pm ***	2	3
4 	5 Lapidary Shop 5:00-9:00 pm	6	7 Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	8 Lapidary Shop 5:00-9:00 pm ***	9	10 Chainmaille Bracelet class 9 am—12:30 pm
11	12 Lapidary Shop 5:00-9:00 pm	13 Meetings: Rookies 5:30 pm Club 6:30 pm	14 Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	15 Lapidary Shop 5:00-9:00 pm ***	*** You must have completed the RRR introductory cabochon class to come to these Thursday sessions.	
18	19 Lapidary Shop 5:00-9:00 pm	20	21 Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	22 Lapidary Shop 5:00-9:00 pm ***	23	24 Duncan Canyon Trip 9:00 am
25	26 Lapidary Shop 5:00-9:00 pm	27	28 Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	29 Lapidary Shop 5:00-9:00 pm ***	30	31

Tumbling Apache Tears

I like to tumble rocks! A lot of folks like to form their “jewels” manually by using a cabbing machine. I like to do that too, but tumbling is a great option. The difference, in case you are not familiar, is that by forming rocks manually, you decide the shape you want to make. Tumbling does not give you a true option since the machine does it for you, (I like that it does the work), but it also produces beautiful, polished rocks.

Recently I tumbled obsidian Apache tears, and they came out beautifully! For some reason I decided to search on the internet for how to tumble obsidian. I knew that it was supposed to be tumbled alone. Typically, I throw everything into my barrels and let the process begin. And occasionally a small obsidian piece will be discovered later in that batch without harm as far as I know.

My internet search took me to a blog of two older gentleman who had a special “recipe”. When I tumble rocks, I follow the same 5-step process every time. Their recipe changed up two of the steps, #3 and #4 with no step #5. Here is the process, and hopefully you can see the beautiful results. They look like they are velvet, still wet, and everyone I’ve shown them to just wants to run their hands through them. I tell them, “Go ahead, they’re dry”!

- Step #1 and #2 – follow your tumbling directions as you would normally.
- Step #3 – Replace half of the water with corn syrup! (True story!)
- Step #4 – Use tin oxide to polish, again replacing half the water with corn syrup. Let this process go 1-3 weeks, checking once each week. I hope you are as amazed as I was.



*Submitted by Janet Longueira, member 5/30/21
Reference: rocktumbler.blogspot.com*



A RRR FIELD TRIP TO Crystal Mine near Verdi, NV, August 15th, 2021

TRIP LOCATION – Crystal Mine. Near Verdi, NV.

TRIP DIFFICULTY RATING SCALE

Vehicle Access & Parking - #7 - Difficult access by 2 wheel drive, high clearance required (2 and 4 wheel SUVs, or trucks recommended).

Collection or View Site - #6 - ¼ to ½ mile with trails on hill sides, or through brush and creek beds

WHEN – Sunday, August 15th, 2021.

MEMBER'S GUESTS – Allowed.

COLLECTION MATERIAL – Quartz Crystals.

LEADER & CONTACT INFO – Gene Doyle: 408-605-9457, leave me a message; eugene.doyle@sbcglobal.net.

PROPOSED SCHEDULE – We will meet at Verdi Community Library at 10 a.m. in Verdi.

MEET – Verdi Community Library and Nature Center. I will be in a blue 4Runner.

DIRECTIONS TO SITE – Take Highway I-80 East to Verdi, NV. Exit at 3rd St. Turn right onto 3rd St. In one mile turn left onto Bridge St. Drive .2 mi to the

Library on the Right.

VEHICLE REQ'S – High clearance 2 or 4 wheel SUV or Truck recommended.

CAMP/FACILITIES – Lookout Campground near the Crystal Mine.

TOOLS – Buckets, rock hammer, chisels, eye and hand protection.

SAFETY CONCERNS – 7,200 ft. elevation, sun exposure, and snakes.

CLIMATE/WEATHER – Typical August weather. The temperature/weather can vary due to the high elevation.

CLOTHING – Wear layered clothing, hats, and gloves, and boot. Wear sun screen protection.

OTHER REMARKS – This is the perfect trip for someone just getting started in collecting rocks in the field. You can find quality Quartz Crystals with a bit of digging. Bring a camera, this is an area for good pictures.



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

Send exchange bulletins to
above address

*** First Class Mail ***

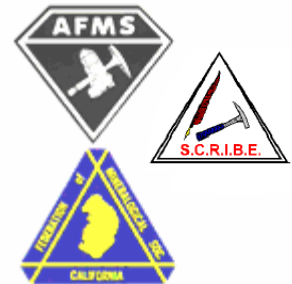


July 2021



the
**ROLLIN'
ROCK**

ROSEVILLE ROCK ROLLERS, INC.



**MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES
MEMBER, AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES
VOL. 62 NO. 7 JULY 2021**

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

**EDUCATIONAL MEETING LOCATION: @THE GROUNDS,
JONES HALL, 700 EVENT CENTER DRIVE, ROSEVILLE, CA**

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