



## From the President's Pen

Another month and more fun information, geological data and just cool things to take a peek at on the endless supply of information from the good ole' WWW (internet)!

How about some deep information on Paraiba Tourmalines, their origins and geologic history as to why they exist across several continents that are nowhere near one another today! <https://www.gia.edu/gems-gemology/winter-2019-paraiba-tourmaline-geographic-origin-determination>

Then there is this YouTube video for Beryllium. Cool part is, this mine is not so far from where our society went to collect topaz, red beryl, geodes and plenty more material: Delta, Utah. I question the beginning of the video and 30 year statement made by the Mine Supervisor, even I knew there was Beryllium in the Tiffany Stone that used to come out of this area. But hey, it is always cool to learn about how and what they are using the material for. [https://www.youtube.com/watch?v=S5Y94\\_rEsf&t=27s](https://www.youtube.com/watch?v=S5Y94_rEsf&t=27s)

I also came across this short informational bit with a great image of Thin-film fluid inclusions in Aquamarine. The image caught my eye and my interest; the short story may have many of you specimen collectors researching for more information. If you all do go check out this site you may want to pull down the PDF file, and read about Chromite in Emerald, Diamond Shaped Cloud in a Diamond, Fibrous inclusions in Blue Opal and many other cool informational stories. <https://www.gia.edu/gems-gemology/spring-2021-microworld-thin-film-fluid-inclusions-in-aquamarine>

Hope you all are staying cool, or hunting for material in some shady places. Make sure to drink plenty of water if you are running around, and wear your sun screen. Although this sounds like eye rolling statements, many times when any of us get out in this heat looking for rocks and come across a great find, it is these simple things that normally bite each of us on the butt.

Take care of yourselves and see you all in the near future. — *Glenn Fiala*

## Vice President's Corner

### Ice Cream Social, Show & Tell and Silent Auction

With Independence Day behind us, and Hot-August-Nights ahead, it's time to get out your favorite ice cream dishes, boats, and fountain glasses. Everyone gets a turn to bring what they like best in frozen desserts, toppings, fruit and cones or wafers to share with the club as we relax a bit.

This occasion also encourages attendees to bring an item you are proud of to share and explain briefly, in lieu of our more in-depth presentations, which will resume with our September Educational Meeting. This is an informal opportunity to pique the interest of members of what Your 'HOT-BUTTON' is, or perhaps to share an interesting item you have made or acquired you will bring to show us. Maybe it's a funny inclusion, or a rare mineral. You saw my 100 pics and heard a few short tales of my adventures, Now... it's your turn, so bring something and give us a short 2-minute introduction..... inquiring minds are eager to know.... At every age!

Lindy Summers-Bair will be delivering the in-depth second half of her incredible education on Minerals, in September; and Bill Simpson will present crafting the intricacies of intarsia, in October, which he also teaches from his home-shop. See you at the table, or in line..... — *Vernon Deck*

## Educational Program August 10, 2021

(Meeting place to be determined)

**SHOW  
AND  
TELL  
AND ICE  
CREAM !!**



Please bring your best items for Show and Tell. Everyone will have a chance to get up and "Tell" for a few minutes.

And August is always our Annual Ice Cream Social.

**Members: please bring your favorite ice cream, or other dessert item (pies, cakes, brownies, cookies), and/or toppings like sprinkles, syrup, fruit, whatever.** Please pre-cut any pies or cakes. And don't forget your ice cream scoops!

Please bring your items around 6:30 so that we can have everything on the tables and ready to go by 7:00!

## Inside this issue:

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## MINUTES FOR ROSEVILLE ROCK ROLLERS EDUCATIONAL MEETING JULY 13, 2021

**Call to Order** at 6:40 p.m. by President Glenn Fiala. (Annual Potluck Dinner was in Johnson Hall.)

**Flag Salute.**

**Invocation** – was given by Carole Kowalik.

**Introductions of Guests.**

**Present:** Members 42+, Juniors 7 and Guests 4.

**Silent Auction** – Tim Carlson explained the SA held on the table by the food line.

**Recess** for potluck dinner.

**Business Meeting:**

**Sunshine** – a get well card was sent to Jack Harris.

**Juniors** – Carole Kowalik reported 7 Juniors were at the Rookies' meeting. Due to the short meeting, they played Rock Bingo. Will play the Rockhound game at the August Ed. Mtg.

**Treasurer** – Terry Yoschak was absent, no report.

**Secretary/Membership** – Florence Brady reported 235 members.

**Programs** – Vice President, Vern Deck, reported the August Ed. Mtg. will be the annual ice cream social along with "Show and Tell" by members. September will be a presentation by Lindy Summers-Bair.

**CFMS Director** – Glenn introduced our new CFMS Director, Barbara Loudon. She reported there was a recent Zoom meeting and she talked about Camp Paradise. Members were encouraged to attend.

**Vest, Tee Shirts & Patches** – Jan Kessler was absent.

**Field Trips** – Gene Doyle reported on the field trip to the Bear River. He and Jim Hutchings spoke on the upcoming field trip to Jim's gold claim outside of Foresthill. In October - will be a field trip to Topaz Mt.

**Librarian/Historian** – Karla Shannon reported she brought a variety of books including books for juniors. Check out procedure for books and magazines was explained.

**Show** – Jim Hutchings reported we will have our annual show in March 2022, with first show committee meeting on September 21<sup>st</sup>. If someone wants to organize it, we could have a small tailgater at the Lap Shop parking area sometime in the Fall.

**Lapidary Shop** –Denise Coyne reported she is now back as Lapidary Shop Chairperson. She named and thanked all the instructors and thanked them for the repair work on all the machines.

**Lapidary Classes** – Cathy Nelson was absent. Kymberly Andrews was thanked for her recent class on Chain Maille. She plans to give another class.

**Refreshments** – we need more signups for the September Ed. Mtg.

**Old Business** – Connie Simpson was introduced as our winner (2<sup>nd</sup> name drawn) for our Camp Paradise Scholarship.

**New Business** –

RRR Lifetime award (25 years as a member of RRR) was given to Robert (Bob) Willis who received the Lifetime RRR Name Badge and certificate.

Teresa Johnson gave a gift of appreciation to Refreshments Chair, Chris Davis and to Show Publicity Chair, Gloria Marie.

**General Announcements** – there will be no 4<sup>th</sup> Tuesday of the month Board Meetings in July & August.

**Drawings** – winners were: Member, Rob Blazina; Junior, Lilyana Hidalgo and Guest, Marianne de Blanc.

**Silent Auction** – Tim Carlson reported 15 more minutes until closing SA. Next month will have another large SA.

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

## MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING JULY 13, 2021

**Call to Order** – by President Glenn Fiala at 8:31 p.m.

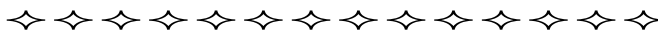
**Present** – 8 officers, a quorum was present.

**Membership Applications** – a motion was MSA to approve the membership applications for: Amber Sterba and Juniors Lilyana and Kaia Hidalgo (Grandmother is Cathe Shaw).

**Adjournment** – meeting was adjourned at 8:32 p.m.

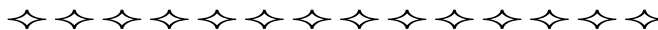
Respectfully submitted,

Florence Brady, RRR Secretary



### August Board Meeting

No regular Board meeting is scheduled for August.



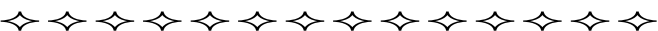
### Silent Auction at the Meeting Aug. 10

It's going to be another fun meeting for the Silent Auction, so while you are chilling out with some ice cream stop on by the auction tables and get the extra scoop!

OK, now that that's over with...really, stop by and see some of the amazing things we have and make a bid or two. There will be some free items, a handful of \$1 items along with 2 for \$1 cabs, \$1-\$3-\$5 slabs and the really fun stuff I have put together to bid on. Expect to see items starting with the normal minimum bid of a buck or two and bring some extra money if you feel like taking home the dino bone sphere. I wouldn't mind taking this one home so you might have a little competition!

See you all at the auction table!

—Tim Carlson, Auctioneer



### Sunshine

A get well card was sent to Jack Harris.

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

## Upcoming Northern California Shows

### September 11-12, 2021 – Reno, NV

The Reno Gem & Mineral Society, Inc.  
Jackpot of Gems  
Reno Sparks 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 2-3, 2021 – Grass Valley, CA

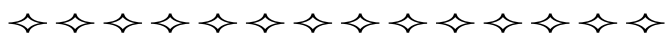
Nevada County Gem & Mineral Society  
Nevada County Fairgrounds, Main Street Center,  
11228 McCourtney Rd, Grass Valley, CA 95949  
Hours: Saturday 10 AM – 5 PM, Sunday 10 AM – 4 PM  
54th Annual Earth's Treasurers Show. This year's show will feature over 20 vendors, over 24 showcase exhibits, as well as an outstanding petrified wood display. There will be numerous demonstration tables, the gold panning experience, kids activities, gold specimen raffle, and much, much, more. SEE YOU AT THE SHOW!!!

As Covid 19 restrictions could be somewhat fluid in October, there may still be or be a reinstated State of California requirement for show attendees to be properly masked.

Contact: 4vanclan5@att.net  
Website: http://ncgms.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



## 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



*Welcome New Members:*

Amber Sterba

*Welcome New Junior Members*

Lilyanna and Kaia Hidalgo

## Rookie Rock Roller News



The Rookies will meet for a short meeting on Tuesday, August 10, 2021 at 5:30 p.m. The room will be announced in a separate email.

We are going to play the Rock Hound Game at this meeting. Then we will join the Adult Education Meeting for the Ice Cream Social.

Last month, July, we played Rock Bingo, learning a little about identification in the process. After our short meeting, we joined the adults for the potluck.

This summer is a good time to work out badges. Let me know by email, text, or phone that you are interested in working on them.

See you at the meeting,

Carole Kowalik, Junior Advisor  
(916) 871-0573 home3004@gmail.com



## Co-Op and Other Field Trips

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.
Sept 30-Oct 3	Topaz Mt. & Dugway Geode Beds, Utah for Topaz Crystals, Bixbite (Red Beryl), Pseudobrookite crystals, Hematite crystals, and Geodes. Roseville Rock Rollers. Contact: Gene Doyle: 408-605-9457, or . Jim Barton, Home 916-773-0458, Cell (916) 847-7321, Email geologist1@surewest.net. (See trip write-up on Page 4)

# A "CO-OP MEMBER" and "CFMS NORTH" FIELD TRIP TO TOPAZ MT. & DUGWAY GEODE BEDS

Sponsored by Roseville Rock Rollers Gem and Mineral Society

**TRIP LOCATION:** Topaz Mt. and Dugway Geode Beds, North West of Delta, Utah.

**Vehicle access & parking:** # 3 at Topaz Mt. & Dugway geode beds. - Good for most vehicles and RV's, no specific handicap parking at Topaz Mt. and Dugway geode beds.

**Collection or View Site:** From a # 3 at the base of the Mt. to a # 7 at the Red Beryl site, ½ mile or more to site, difficult trails and ravines or water crossings. A # 4 at Dugway geode beds, flat ground, unpaved sections, handicap access with some help.

**WHEN:** September 30<sup>th</sup> through October 3<sup>rd</sup>. This is a repeating site tour; you may show up and leave at any time during these 4 days. See schedule for optimum arrival dates.

**MEMBER'S GUESTS:** This is a public collecting area and anybody may camp and collect at the area concurrent with our activities. Those who choose to make the **escorted trip** to the Red Beryl site and **convoy with us** to the Dugway Geode Beds must sign the waiver.

**COLLECTION MATERIAL:** Topaz Crystals, Bixbite (Red Beryl), Pseudobrookite crystals, Hematite crystals, and Geodes.

**LEADER & CONTACT INFO:** Please contact ahead of time: Gene Doyle, CO-OP & Roseville Rock Rollers Field Trip Leader, Text or leave message, Cell (408) 605-9457, Email [eugene.doyle@sbcglobal.net](mailto:eugene.doyle@sbcglobal.net). Jim Barton, CFMS-N, Home 916-773-0458, Cell (916) 847-7321, Email [geologist1@surewest.net](mailto:geologist1@surewest.net). If you are interested in this field trip Gene Doyle will email you a more detailed write up upon request.

**PROPOSED SCHEDULE:** We will be meeting at 0900 hours on Thursday September 30<sup>th</sup> at the Topaz Mountain camp site and drive to Dugway Geode Beds (about an 45 minutes) for the dig. Friday and Saturday will be Topaz Mountain, with Thursday and Sunday at Dugway Geodes.

**MEET:** Gene Doyle will have a dark blue Toyota 4Runner camped at a suitable location near the entrance to the "cove" of Topaz Mt each morning before 9am on the September 30<sup>th</sup> thru October 3<sup>rd</sup>. Look for the CFMS North signs at the turn off Hwy 174 and the "Roseville Rock Rollers" sign on the side of the 4Runner at the **meeting area**.

**DIRECTIONS TO SITE/CAMP:** General directions are: Catch Highway 50 East from Sacramento to Fallon, Nevada then to Ely, NV. Follow 50/6 East from Ely to Delta, UT. Turn north on 50 just East of Delta, UT, left on Brush Highway, follow signs to the Intermountain Powerhouse, a coal fired power plant seen on the horizon. Turning onto the road to the powerhouse, you will be following a good paved road for approximately 40 minutes to the entrance to Topaz Mt. Collection Area, a BLM controlled area. I will stake the dirt roads into the site with "CFMS". Those staying in Delta may wish to meet and convoy together to "the cove".

**VEHICLE REQ'S:** A high clearance or 4x4 vehicle at the red beryl site. It is recommended to have a high clearance vehicle at the Dugway site. A 2 wheel drive vehicles should make it to the camp site without a problem

**CAMP/FACILITIES:** This camp site is primitive. No services of any kind. If you are going to camp, you will need to be fully self contained and equipped.

**TOOLS:** Wide and narrow cold chisels, along with a 3 or 4 pound hand sledge are necessary. A standard rock pick and narrow screwdriver and a coat hanger or a stiff wire with a hook bent on the end. A heavy full size sledge hammers and pry bars. A 1/4 inch and 1/8 inch screen (stackable classifiers).

A standard shovel and garden rake or hand rake, and rock pick. A roll of toilet paper and disposable plastic containers to put specimens in.

**SAFETY CONCERNS:** There are scorpions, snakes, and other common desert animals in the area. Careful, rubble and boulders are everywhere so you must be very aware of those climbing or working up hill and below you. Be prepared at any moment to heed their warnings regarding falling rock or rubble. In turn, you must be very aware of those below you and not cause wasting or rock slides. Due to the potential for danger, **we will not be escorting young people under 18 years of age** into the Red Beryl area. **Rhyolite dust is primarily silica dust and it would be wise to bring a dust mask if screening material.**

**CLIMATE/WEATHER:** The weather at Topaz Mt. is rarely perfect! The average high in October is 65 degrees, with an average low of 37.

**CLOTHING:** Weather forecasts will dictate the necessary clothing. Full pants, closed shoes, gloves, and hat are strongly recommended.

**NOTE:** *This is not the full field trip write-up. Please contact the Field Trip Leader, Gene Doyle, for the full write-up if you're not scared by now about all those scorpions and stuff and you really want to go on this field trip!*



Topaz was found on the 2019 RRR trip to Topaz Mt. !!

# 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.

Denise Coyne, Shop Chairperson 714-393-0006



## August Calendar

Birthstone: Peridot



Sun	Mon	Tues	Weds	Thurs	Fri	Sat
1	2 Lapidary Shop 5:00-9:00 pm	3	4 Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	5 Lapidary Shop 5:00-9:00 pm ***	6	7
8	9 Lapidary Shop 5:00-9:00 pm	10 Meetings: Rookies 5:30 pm Club 7:00 pm	11 Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	12 Lapidary Shop 5:00-9:00 pm ***	13	14
15 Crystal Mine Trip 10:00 am	16 Lapidary Shop 5:00-9:00 pm	17	18 Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	19 Lapidary Shop 5:00-9:00 pm ***	*** You must have completed the RRR introductory cabochon class to come to these Thursday sessions.	
22	23 Lapidary Shop 5:00-9:00 pm	24	25 Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	26 Lapidary Shop 5:00-9:00 pm ***	27	28
29	30 Lapidary Shop 5:00-9:00 pm	31	For questions about classes, contact : Cathy Nelson (925) 321-2024 Email: canelson2@netscape.net			

## RHODOCHROSITE

Rhodochrosite is one of the prettiest and desirable of all minerals. Its deep red and hot pink crystals are extremely sought after and good crystals command extremely high prices. Especially desirable are the beautiful intensely colored rhombohedrons from the Sweet Home Mine in Colorado. This mine provided a fascinating discovery in the 1960's of some of the largest and most stunning Rhodochrosite crystals ever found. The largest Rhodochrosite crystal, called the "Alma King", is a single 15 cm crystal that was found in the Sweet Home Mine in 1992.

A very interesting occurrence of this mineral is in Argentina, where Rhodochrosite forms stalagmites and stalactites in the 13th century Inca Silver mines. They formed from precipitating water dripping from the manganese-rich rock inside the ancient mine tunnels, and kept on growing over the centuries into large stalagmites. These stalagmites are beautifully banded with concentric growth layers and are often sliced and polished into slabs for collectors.



Rhodochrosite belongs to the calcite group of minerals, a group of related carbonates that are isomorphous with one another. They are similar in many physical properties, and may partially or fully replace one another, forming a solid solution series. All members of the calcite group crystallize in the trigonal system, have perfect rhombohedral cleavage, and exhibit strong double refraction.

When Rhodochrosite is exposed to the atmosphere, it may develop a thin film of manganese oxide on its surface. This may slightly darken the color of a specimen. Rhodochrosite sometimes alters into black manganese oxides (such as Pyrolusite, Manganite, and Psilomelane), and black manganese oxide stains are usually associated with Rhodochrosite.

*By Hershel Friedman, of [www.minerals.net](http://www.minerals.net), via Rockhound Ramblings 7/11, via The Glacial Drifter 8/15*



## Official State Stone of Texas

Texas designated petrified palmwood as the official state "stone" in 1969 (petrified wood is actually a fossil rather than a stone). Petrified wood is also the state gem of Washington, and the state fossil of North Dakota and Louisiana.



What is now arid Texas was a lush tropical forest 100 million years ago. Trees that fell into mineral-rich mud before having a chance to decay became petrified wood, which is actually a quartz-like stone. The organic wood cells were replaced over time by minerals, often retaining the detailed shape of the original prehistoric wood. Petrified wood is called the most beautiful of fossils.

The spotted look of palmwood is caused by fossilized rod-like structures within the original wood. Depending upon the angle the stone is cut, they show up as spots, tapering rods, or lines. Petrified palm wood is very hard and takes a wonderful polish, making beautiful jewelry.



*Source Stoney Statements 9/17 via The Glacial Drifter 11/19*

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

Send exchange bulletins to  
above address

**\* First Class Mail \***

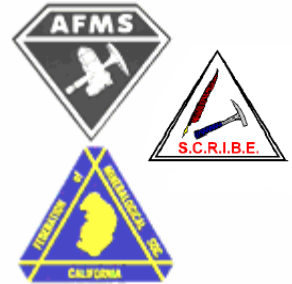


August 2021



the  
**ROLLIN'  
ROCK**

ROSEVILLE ROCK ROLLERS, INC.



MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES  
MEMBER, AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES  
VOL. 62 NO. 8 AUGUST 2021

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