



From the President's Pen

Another month has passed and another month of information to research and provide to you all. Many of you are savvy researchers and you may have already come across the information I provide. But, for those individuals that just don't have the time, I hope the information I provide gives you a moment of clarity and surprise of the continual geological change, and Earth sciences surrounding us!

Neither geological or really Earth science related, but clearly a health concern, we need to be aware of TICKS due to reports of they being more prolific this year. This is a heads up for those of you wandering around our wooded areas, be sure to check yourself following your trek and please research the effects of Lyme Disease. A high level reference to start with: <https://geology.com/articles/ticks-lyme-disease/>.

Here is a really cool amber piece that is a first for what it has trapped within: <https://www.independent.co.uk/news/science/ammonite-prehistoric-amber-myanmar-spider-cockroach-wasp-a8911546.html>

There may be some of you that have experienced kidney stones, or even know someone that has undergone the pain of one. On the geological bright side of this painful event you or that someone has created a rock! Read this story to see how we are rock creators ourselves! <https://geology.illinois.edu/news/2020-11-12/world-grain-sand-new-discoveries-kidney-stones>

How about a river of rocks, mind you a river is normally water flowing! You read that correctly a river of rocks! Read this story, pretty cool stuff! <https://uh.edu/news-events/stories/2021/march-2021/03112021-geologists-discover-river-of-rocks-below-caribbean.php>

Enjoy the coming summer months and I look forward to seeing you all at the June Educational meeting!

— Glenn Fiala

Vice President's Corner

Memorial Day always ushers in a deep respect for our freedoms, and the price our nation has endured to retain them. This year has been no different for me. So, it is with sincere gratitude that we begin the summer months with BBQ's, a host of family activities, and press forward in our hobbies.

One essential aspect many members enjoy, in addition to "THE HUNT" for gems in our world, is making great deals when buying and selling our beloved crafts. For our June 8 RRR meeting, our very own Fran Todd will take a practical approach for members of a Non-Profit Organization (NPO), because as Roseville Rock Rollers, we must keep in mind the parameters of business in the midst of the passion we pursue, either in acquiring eye-candy, or profiting from its distribution.

Fran will also discuss the presentation of goods, and the essentials of lighting, most dramatic to the play of color in opals and refraction with faceted stones. See you June 8...and bring a guest or family member!

— Vernon Deck

Educational Program June 8, 2021

(In the Roebbelen Center)

Fran Todd will speak about
"How to Buy & Sell Rocks,
Gems & Jewelry"



**Plus we have lots of
auction items
for sale**

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MINUTES FOR ROSEVILLE ROCK ROLLERS EDUCATIONAL MEETING MAY 11, 2021

Call to Order at 7:00p.m. by President Glenn Fiala. Meeting was shown on Zoom to 18 participants.

Flag Salute.

Introductions of Guests.

Present: Members 54+, Juniors 1 and Guests 8.

Sunshine – nothing to report.

Juniors – Carole Kowalik reported 2 Juniors were at the Rookies' meeting. The lesson reviewed limestone, 3 types of rocks were studied. Previously filled jars were opened. Slate specimens were checked for fossils, none found. Isaac Harback was awarded the gold panning badge along with the Future Rockhounds of America badge.

Business - Glenn mentioned he is asking for ideas to make money for the Society when we have no Show. Mainly discussed was, what would be needed to put on a tailgater in place of a usual show.? What is needed to make money and what expenses do we need to cover?

Treasurer – Terry Yoschak reported \$7,000 is the amount the club falls behind each year without a show bringing in money, so \$7,000 is the amount needed to cover our lack of a show this year.

Secretary/Membership – Florence Brady reported she is accepting membership renewals along with applications.

Programs – Vice President Vern Deck reported the May program will be on opals and the Virgin Valley (by Jim Hutchings) and the June program will be a presentation by Fran Todd who will speak on "How To Buy and Sell Rocks, Gems, & Jewelry."

CFMS Director –Mike Hunerlach was absent. Glenn had no report.

Vest, Tee Shirts & Patches – Jan Kessler was absent. We hope to have these available soon.

Field Trips – Gene Doyle reported on the upcoming field trip to Indian Springs Trailhead area on May 15th and the get together in the Virgin Valley for opals. June 12th will be a field trip to the Bear River area. A CO-OP field trip is this weekend to the Fallon area.

Librarian/Historian – Karla Shannon reported she is about finished adding books to our Library. She brought some books which are free to members. Members were reminded to return their checked out items ASAP, checkout procedure was reviewed. A member can request she bring a book to a meeting for check out.

Show – Jim Hutchings reported we will have our annual show in March 2022, with first show committee meeting in September.

Lapidary Shop – Acting Chairperson Cathy Nelson reported 6 persons, by appointment, can attend a class.

Lapidary Classes – Cathy Nelson reported no upcoming classes.

Refreshments –thanks to those who brought the refreshments, we need more signups for the June Educational Meeting.

Old Business – none.

New Business – none.

General Announcements:

Members were reminded entry forms for the Camp Paradise Scholarship are on the Greeter's Table. The larger poster behind the SA table is available for bidding.

Drawings – winners were: Member, Debbie Bunn; Junior, Isaac Harback and Guest, Shelly Meuser.

Program – Vern Deck introduced RRR Member Jim Hutchings who gave a presentation on opals and the Virgin Valley.

Silent Auction – Tim Carlson reported 10 more minutes. Next month will have lapidary equipment on the auction tables.

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

MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING MAY 11, 2021

Call to Order – by President Glenn Fiala at 9:00 p.m.

Present – 10 officers, a quorum was present.

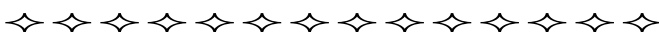
Membership Applications – a motion was MSA to approve the membership applications for: Thomas Bozzuto, Brandy Deal, Thomas Lettier, Laurie & Kyle Hayek, Joe Hurley, Adam Kosek, and Sharon Neidlinger

May Board Meeting – it was decided not to have the scheduled Board Meeting for May 25, 2021.

Adjournment – meeting was adjourned at 9:05 p.m.

Respectfully submitted,

Florence Brady, RRR Secretary



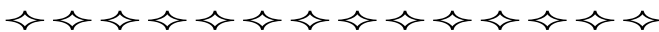
ZOOM the June RRR Meeting!

Glenn Fiala is inviting you to a scheduled Zoom meeting.

Topic: Rock Roller Educational Meeting

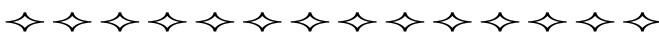
Time: June 8, 2021 07:00 PM Pacific Time

Check your emails for meeting link and passcode.



June Board Meeting

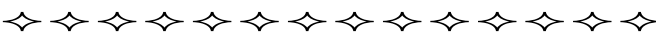
The meeting HAS BEEN SCHEDULED for Tuesday, June 22, at 7:00 PM in the club Lapidary Shop @the Grounds. It may be cancelled, so check your e-mails.



June Refreshments

Only one person signed up to bring refreshments for the June 8 meeting — Thank You, Carla LaFave!

We could use some more people bringing refreshments to this meeting!



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 hmcrane7@gmail.com

2021 CONTEST FOR CAMP PARADISE - \$405 SCHOLARSHIP

CFMS LAPIDARY EARTH SCIENCE STUDIES - CLIPPER MILLS, CA

The Roseville Rock Rollers will offer a \$405 scholarship to the annual Earth Science Studies (ESS) at Camp Paradise, for one week's registration. This scholarship is to be awarded to a RRR's Society member, whose name is to be drawn at the June 8th Education Meeting.

Further information/registration form on the Earth Science Camp can be found on the CFMS website: <https://cfmsinc.org/camp-paradise/>

The Roseville Rock Roller Board decided to conduct the selection of a member to attend one week of the selected member's choice.

Interested members are to fill out the form below or get one at the upcoming meeting, on June 8th.

The minimum age to attend Camp Paradise is 16. All minors must be accompanied by a parent or legal guardian. If the child you want to bring to camp is less than 16 years of age, you may ask the camp managers to give additional consideration based on the documented skill level of the child.

The drawing for the winner will be held during the June 8th meeting. 4 alternate names are drawn due to unforeseen events that may prevent the 1st winner drawn from being able to attend the camp. These 4 will be on a wait list created for the 2nd - 5th names, in the order so drawn. (Past recipients can't enter for the 2 past years Camp was held, after the year they won.)



Rookie Rock Roller News



The Rookies will meet on June 8th at 5:30 p.m. in the atrium of the Roebelen Center. We had so much fun at our May meeting. We reviewed the three types of rocks and how limestone is formed. We opened the jars of sediment the juniors created in January 2020. We dug and pounded through the layers until we found the buried animals, rocks and shells. The smell was atrocious but we finished the job.

In June, we will learn a little about petrified wood. There will be plenty of specimens to view thanks to Florence Brady and a few other rockhound donations. We will have a related creative activity after we learn a little.

As always, I am open to discussing any badges you have earned. Let me know if you are ready to discuss them.

I sure hope to see you at the meeting,
Carole Kowalik, Junior Advisor
(916) 871-0573 home3004@gmail.com

2021 CONTEST FOR CAMP PARADISE - \$405 SCHOLARSHIP CFMS LAPIDARY EARTH SCIENCE STUDIES - CLIPPER MILLS, CA

I would like to be entered into the drawing for one (1) scholarship for either of the 2 weeks listed below. Please circle your preference.

Week 1 August 22 - 29, 2021 or Week 2 August 29 - Sept. 4, 2021

Name _____

Phone # _____

Email _____

Return this form at the June 8th Education Meeting. Five names will be drawn, first name drawn is the winner, the remaining four will be placed on a waiting list, in the order drawn. Past recipients can't enter for the 2 years after they won.)

Upcoming Lapidary Classes

Still a Few Spaces Left in the Wire Wrap Class!

There is a Basic Wire Wrapping class scheduled with **Glenn Fiala** on Saturday June 5, 2021, from 9AM to 1:00PM at the RRR Lapidary Shop trailer.

The class fee will be \$25.00 which includes the RRR \$5.00 shop fee.

All supplies are included in the class fee.

If you have a cabochon that will look good wrapped in copper wire please feel free to bring it, but if you'd don't have one we will have some available.

Glenn will provide copper wire for the wrap and anything else that you'll need.

However, If you have the following, please feel free to bring them:

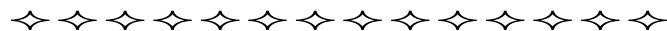
*Chain Nose Pliers or Fine Needle Nose jewelry Pliers, *Flush Cutters, *Nail files (soft and hard different grits), *Sketch pad/ paper, *Sharpie, *Ruler



Please register early as these classes fill up very fast (the last one had a waiting list).

Prepayment is needed to hold a space in the class for you. To reserve a place in this class please call, text or email Cathy (925-321-2024 or canelson2@netscape.net).

Cathy Nelson, Classes Coordinator



Rockin Tailgate Rock Swap on Saturday, June 19th!!

10am - 5pm at the Mariposa Fairgrounds parking lot!!!!

Buy, Sell and Swap; rocks, gems, minerals, rough, fossils, lapidary supplies, beads, jewelry, tools, equipment

Vendors are welcome! Booth space is \$25 per vendor (as much space as you need), payable the day of the event. You must provide your own tables, shade, chairs, etc.

You can message us on Facebook or email gmcm@sti.net.

Silver-Smithing Class (Offsite)

We have scheduled a Silver-Smithing 3-in-1 class with **Dan Bender** of The Studio 26 on Sunday, June 27, 2021 from 9:30 AM to 4:30 PM. This is an off-site class being held in Cameron Park. In this class the students will be making in total 5-flat bands (stacker rings), two of them will have bezel cups. Students will also be making a custom cabochon ring with decorative wires. This class is a faster paced, modified version of the Jewelry Making classes 1 through 3.



The class fee will be \$60.00 plus a \$5.00 RRR shop fee. All supplies are included in the class fee. The instructor will furnish all the tools needed.

Please register early as the classes fill up very fast. Prepayment is needed to hold a space in the class for you. Please call Cathy Nelson, the Lapidary Classes Coordinator at 925-321-2024 or email her at canelson2@netscape.net to check if there is space available and for the address to mail the checks to.

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

Co-Op and Other Field Trips

June 12	Bear River Park near Colfax for Gold, Chinese Writing Rock, Carnelian, Quartz. Roseville Rock Rollers. Contact: Gene Doyle: 408-605-9457; eugene.doyle@sbcglobal.net.
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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 June the open shop will be every Thursday except for June 10th. 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



June Calendar

Birthstone: Pearl



Sun	Mon	Tues	Weds	Thurs	Fri	Sat
		1	2 Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	3 Lapidary Shop 5:00-9:00 pm ***	4	5 Wire Wrap 9:00 am-1:00 pm
6	7 Lapidary Shop 5:00-9:00 pm	8 Meetings: Rookies 5:30 pm Club 7:00 pm	9 Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	10 FFF Meeting 7:00 pm	11	12 Bear River Trip 9:30 am
13	14 Lapidary Shop 5:00-9:00 pm	15	16 Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	17 Lapidary Shop 5:00-9:00 pm ***	18	19
20	21 Lapidary Shop 5:00-9:00 pm	22 Board Meeting 7:00	23 Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	24 Lapidary Shop 5:00-9:00 pm ***	*** You must have completed the RRR introductory cabochon class to come to these Thursday sessions.	
27	28 Lapidary Shop 5:00-9:00 pm	29	30 Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	For questions about classes, contact : Cathy Nelson (925) 321-2024 Email: canelson2@netscape.net		

The Rosetta Stone: Not your typical kind of rock

The Rosetta Stone isn't the kind of rock you would expect to find in the field, but this Ancient Egyptian artifact was the catalyst in solving the mystery of hieroglyphic writings.

History

The Rosetta Stone contains three copies of a decree from Ptolemy V regarding taxation carved into stone in 196 BC. Each copy was written in a different language – hieroglyphic, demotic, and Greek. This was very important, because after 400 AD, the knowledge of reading and understanding hieroglyphs had disappeared. It wasn't until after the discovery of the Rosetta Stone in 1799 did scholars once again have the means to interpret hieroglyphic text, using the Greek translation as the key. Soldiers in Napoleon's army found the Rosetta Stone in Egypt, but after Napoleon's defeat, it became the property of the British in 1801.

Many copies have been made of the Rosetta Stone over the years, by pouring ink on the artifact, then placing a piece of parchment paper to capture an impression, or by using wax or plaster of paris to create a mold of the writings. On public display since 1802, thousands upon thousands have touched the Rosetta Stone. This accumulation of ink, debris and hand oils led the British Museum to restore the Rosetta Stone in 1999, using cotton swabs, purified water, acetone and plenty of patience.

Mineralogy

The original mineralogy of the Rosetta Stone classified it as a granite or basalt, but today the Rosetta Stone is identified as a granodiorite, a type of granite containing biotite mica and hornblende producing a darker colored rock. The Rosetta Stone itself is dark blue-gray-pink in color with a pink streak.

There are traces of a reddish brown material in the text identified as hydroxyapatite, a natural calcium apatite with the red color as a result of iron oxides. It is unknown how this material was deposited in the letters, since this material hasn't been known to be used as a coloring agent in ancient Egypt.

Present Day

Today, the British Museum houses the Rosetta Stone. There is a replica on display of the Rosetta Stone in the Enlightenment Gallery, which can be touched by visitors. It is touched by so many people that they have to make a new replica every few years.

via *The Palomar Gem* 11/08

See also <https://blog.britishmuseum.org/everything-you-ever-wanted-to-know-about-the-rosetta-stone/>

Or watch YouTuber Tom Scott on how the secret of hieroglyphs were deciphered:

https://www.youtube.com/watch?v=yeQ-6eyMQ_o&t=55s

Sublette County Rock Hounds'
Gem & Mineral Show
2021

Hosting the annual CONVENTIONS of the
American Federation of Mineralogical Societies
Rocky Mountain Federation of Mineralogical Societies

June 18th, 19th, & 20th
at the Sublette County Fairgrounds
10937 Hwy 189,
Big Piney, Wyoming

Friday & Saturday 9-5, Sunday 9-4
Dealers, demonstrators, exhibits, field trips, fluorescent mineral display, kids' activities, food concession & more!
Admission: \$2.00 adults, kids free

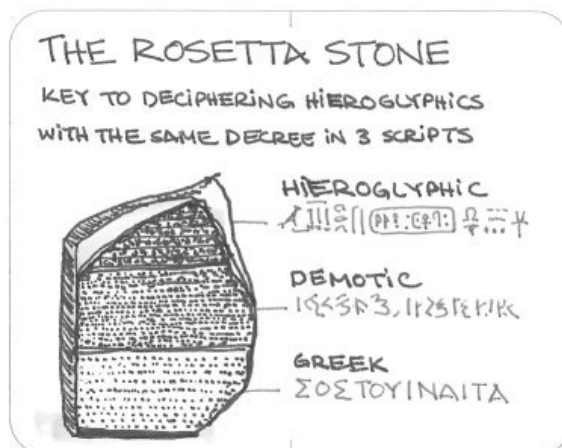




Contact: jimgray@wyoming.com or schafma1@hotmail.com



The Rosetta Stone in the British Museum



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

Send exchange bulletins to
above address

*** First Class Mail ***

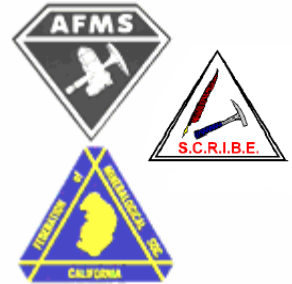


June 2021



the
**ROLLIN'
ROCK**

ROSEVILLE ROCK ROLLERS, INC.



**MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES
MEMBER, AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES
VOL. 62 NO. 6 JUNE 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