



From the President's Pen

I would like to start this month's bulletin with a Very Merry Christmas wish and a Happy New Year to boot! As tradition would have it the end of the year marks the time for us to install the society officers and recognize our lifetime members and just get together and enjoy each other's company during our annual potluck.

In order to comply with the craziness we all call life with COVID, the officers will be serving the potluck to each member. The officers will be wearing masks and gloves while serving the food. Table seating arrangements will be coordinated so that no more than four (4) unrelated persons can be seated at each table. For those persons who are related, they will be allowed to sit next to one another. Upon completion of the potluck, we will hold our ceremonies and present it over Zoom for those members that could not attend. We ask that once all of the wonderful food has been consumed to please wear your face mask to comply with local directives.

Something that you may not have heard about is a new mineral, "Donwilhelmsite". Sounds like a name, and it is the name of the scientist that identified the mineral, so don't think I just made this up. But, to find a new mineral is pretty cool and I recommend you all have a look and find out just what it is, where it derived from, and how cool it is we are still finding stuff even today.

— Glenn Fiala

Vice President's Corner

As we close out 2020 and prepare for a New Year, let us look ahead toward healthier times. More field trips; new materials to polish and set; and the loosening of regulations for mining and panning for gold, as well as for locations of collecting rocks and minerals. We also look forward to more in-person interaction with other members, and sharing food and drinks as we socialize.

On December 8 we are planning our Annual Potluck. This year with COVID-19 restrictions, the Board Members will be serving the food, and masks and distancing are still being implemented.

Again we will also encourage the traditional Gift Exchange of men gifting for men, and ladies gifting for ladies. Each gift should be held to approximately \$10 in value, so....LET'S HAVE SOME FUN WITH THIS, THE YEAR IS OVER!

Let us all close 2020 with a strong "GOOD-BYE"... and "GOOD RIDDENCE" to COVID and everything which keeps us so spread out!

From my heart, MERRY CHRISTMAS, and may God bless each of us with a healthy New Year!

— Vernon Deck

Educational Program December 8, 2020

POTLUCK DINNER! (In Jones Hall)



Please bring your own plates and utensils. The club furnishes meat & beverages. **You are welcome to bring table decorations, as well.**

Members: please bring the suggested potluck items as determined by the first letter of your last name. Last name beginning with letters:

- A-E please bring a dessert**
- F-L please bring a hot dish/main dish**
- M-Z please bring a salad or side dish**

If you wish to participate in the optional **Gift Exchange**, please bring a wrapped gift (\$10 maximum). Bring a female gift if you are female, male gift if you are male, junior gift if you are junior.

Label the gift – male, female, or junior.

**See Membership Renewal Form
on Page 7**

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MINUTES FOR ROSEVILLE ROCK ROLLERS EDUCATIONAL MEETING NOVEMBER 10, 2020

(Meeting was held at the Fairgrounds and also transmitted via Zoom.)

Call to Order at 7:00 p.m. by President Glenn Fiala.

Flag Salute.

Present: 41+ members, 7 juniors and 6 guests.

Welcome/Introductions – Glenn had the guests introduce themselves and welcomed those members (17) who were watching via Zoom.

Program – Vern Deck introduced Charles Dailey, retired Sierra College instructor, who gave a presentation on the Grand Canyon followed by questions and answers.

Business Meeting commenced -

Sunshine – a get well card was sent to Fran Todd.

Junior Activities – Carole Kowalik reported she and Patty Holbrook had 7 juniors who learned about rhyolite and then broke the rocks to see if there were any topaz crystals.

Treasurer – Terry Yoschak sent in a report that the audit for the financial records for 2019 has been completed and the records were in good order.

Secretary – Florence Brady reported 257 members and we are now accepting renewal dues for 2021.

Vice President/Programs – Vern Deck reported the program for Dec. 8th is usually our annual potluck. Details were shared along with the caveat that our plans could change due to the Covid 19 regulations. Glenn plans to survey the members to see who would attend the dinner.

CFMS Director – no report, Director was absent. Glenn reported he will represent RRR on the Zoom CFMS Directors' meeting on Nov. 14th.

Vests, tee shirts and patches – Jan Kessler was absent. Information will be sent regarding how to place an order for one of the RRR items.

Field Trips – Gene Doyle reported on the field trip to Black Butte Lake (11 attendees). Rocks collected were available to see. Some were given to the shop for the lapidary classes. The field trip to Crystal Mine on Nov. 15th was cancelled.

Librarian/Historian – Karla Shannon stated she has books on the Grand Canyon geology. Check out procedures were shared. She reminded members to bring back library books they have checked out, as they are considered overdue after 60 days.

Show Chair – Jim Hutchings reported he received a contract from the Fairgrounds. It has not been decided if we can hold the show during our regular weekend in March, in the usual 3 buildings. Difficulties were explained. A decision will have to be made by late December. No date yet for a meeting for the 2021 Show Committee.

Lapidary Shop – Cathy Nelson reported the shop is now open for instruction of up to 4 persons, by appointment. Call the instructor ahead of time. Contact information is in the bulletin. The new entrance to the Shop is through a gate off of Event Center Drive. The Fairgrounds will let us know if we can hang our banner on the gate area. Use caution when entering and exiting. The Shop will also be open on Thursdays from 5-9 except for the 2nd Thursday of the month.

Refreshments – taking signups for the January Ed. Mtg.

Class Coordinator – Cathy Nelson reported an upcoming silversmithing class led by Dan Bender is filled. A wait list will be created. She hopes to have another class setup in the future.

Old Business – to be determined, when Jim will arrange to pick up the huge turrutella rock.

New Business –

Elections of Board Officers for 2021. A motion was MSA to have current Board Officers serve next year (2021).

Lifetime Members – 3 RRR members meet the qualification for becoming a Lifetime Member – that of having paid membership dues for 25 years. The membership ratified Hugh Brady, Lillian Kirtley and Bob Willis, to each receive Lifetime Membership. They will be honored during the Dec. Ed. Mtg.

Drawings - Winners were: Member, Cathy Nelson; Junior, Isaac Harback and Guest, Bill Simpson.

General Announcements – Jim wanted to thank both Tim Carlson and Chris Davis for their monthly help. Stan Bolinger reminded all that Wed. Nov. 11th was Veterans Day.

Silent Auction – will run for 10 more minutes.

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

MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING NOVEMBER 10, 2020

Call to Order at 8:24 p.m. by Glenn Fiala

7 Officers were present for a quorum.

Membership Applications – a motion was MSA to approve the membership application for Junior Brooke Mason.

Adjournment – meeting adjourned at 8:26 p.m.

Respectfully submitted, Florence Brady, RRR Secretary

MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING NOVEMBER 24, 2020

Call to Order by President Glenn Fiala at 7:00 p.m.

Roll Call – 9 officers present plus one (Jim Barton) via phone. Absent: Denise Coyne, Rene' Hunerlach, and Terry Yoschak. A quorum was present.

Minutes - A motion to MSA was made to approve the minutes for the Bd. Mtg. Oct. 27, 2020 and the Ed. & Bd. Mtgs. for Nov. 8, 2020.

Treasurer – Terry Yoschak is working on the financial report for the 2020 show.

Correspondence – Florence Brady reported none received.

Secretary/Membership -Florence Brady reported 142 renewals were received.

Vice President – Vern Deck reported the program for the Dec. Ed. Mtg. will be the annual potluck dinner. Glenn is conducting a survey to determine how many members plan to attend. Glenn will check with the Fairgrounds to determine if we can hold the dinner. Jim Hutchings will place the order for the meat. Board Officers will serve the dinner, we will follow Covid 19 guidelines for the meeting. A program will be developed and we will have a master of ceremonies. Will do the gifts exchange. For the Jan. Ed. Mtg. Dan Sutter will give a presentation on how he makes colored paints with minerals to put on porcelain. The February program will be a presentation given by Frank Van Hecke.

Librarian – Historian - Karla Shannon reported she is working on adding new books to our Library and working on the inventory list.

Bulletin/Website - Deadline for bulletin: Friday, November 28, 2020.

Field Trips - Gene Doyle was absent. No field trips are planned for the near future.

Federation Director - Mike Hunerlach reported he missed the Zoom meeting. Glenn and Jim Barton reported a new badge program is being updated for Juniors – this is being developed by Jim Brace-Thompson and the AFMS. Also being developed is (for a club to use), juniors of the year award.

Lapidary Classes - Cathy Nelson reported due to the Covid 19 situation, no further classes will be held. The orientation classes on Mon. and Wed. are still to be held, by appointment only.

Show – Jim Hutchings, Show Chair, received an e-mail from the Fairgrounds, requesting a restart of the conversation regarding RRR holding its annual show during the 4th weekend of March. The Board discussed the situation and it was determined to leave an opening, if life turns good, get a date for the show. Presently, we can't commit (can't sign a \$15,000 contract) for our usual show weekend in March, due to the Covid 19 situation. Jim will request we are "penciled in" for the usual dates for 2022. Detailed discussion was held, regarding other ideas for some sort of show or "grand tailgater" and locations for such an event, along with publicity for such an event.

Lapidary Shop – Lapidary Shop – Cathy Nelson reported there has been no water in the shop for several days. We are permanently using the gate from Event Center Dr. to access the parking lot for the Shop. To be determined, can we have our RRR banner on or near the gate.

Directors – no reports.

Juniors - Carole Kowalik reported the Juniors' program will be a shorter program, with the Juniors doing rock art/craft.

Past President – Jim Barton asked if the meeting will be on Zoom. Yes, it will be a later start, probably 7:15 p.m.

Old Business – none.

New Business – none

Next Board Meeting – December 22, 2020. It was decided to conduct this meeting via e-mail if a meeting is needed.

Adjournment – meeting was adjourned at 8:04 p.m.

Respectfully submitted,

Florence Brady, RRR Secretary

December Board Meeting

NO December Board meeting.



December Refreshments



It's the Holiday Potluck! Check page 1 to see what item you should be bringing! **Food should be brought in between 6:00 pm and 6:20 pm, because we start serving the food at 6:30!**

The club provides the main meat dishes, but 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 some meatballs, or a bucket of KFC, etc. Use your imagination!

Welcome New Junior Member

Brooke Mason

*Congratulations,
New Lifetime Members
(25 Years)*

Hugh Brady
Lillian Kirtley
Bob Willis

Rookie Rock Roller News



The Rookies will meet in Jones Hall on December 8, 2020 at 5:30 p.m. We will have a short meeting so we will go straight to our fun activity. We will create some rock art. Then we will join the

adults for our December potluck.

At our last meeting we learned about Rhyolite and then went out back to pound topaz out of our rhyolite samples Glenn Fiala and Mike Hunerlach donated to us. I hope to see you all there.

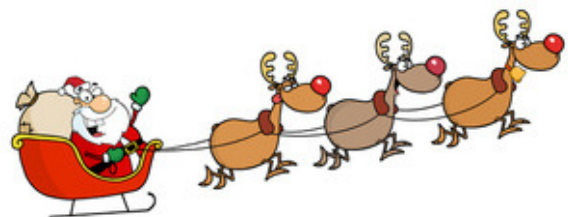
*Carole Kowalik, Junior Advisor
(916) 871-0573 home3004@gmail.com*



Sunshine

A get well card was sent to Fran Todd, and a sympathy card was sent to Winnie Clark for the passing of her husband Chuck Clark.

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



Show News

As you know, we have been monitoring the COVID situation in respect to our 2021 show. The Grounds, requires a contract to be in force, and payment installments made up front. Unfortunately, these contracts are not refundable, a situation we ran into last year.

It appears that vaccines may not be distributed widely until next April or May. Distancing requirements would not allow us to sell only half our vendor spaces in the older buildings. We have not been offered the use of the larger building as we were last year, and as you may know, that building requires \$40,000 or more to rent for our show.

With the prospect of COVID still lurking around, we can anticipate half the gate fee, and that is where most of our show revenue comes from. Since COVID is a legitimate concern to the older population, we will again find it difficult to get volunteers to assist.

As for now, we will pass on signing a contract for our normal show date in March of 2021. We will reevaluate should this COVID threat dissipate early in 2021. We could possibly hold a show later in the year if the facilities are available to us!

We are exploring the possibility of a simple, parking lot "Super Tailgater"! We will let you know if we can develop that possibility.

James Hutchings
2021 Show Chair

Holiday Party Schedule

6:00 - 6:30 **Set up** tables, decorations, food, drinks.

6:30 **POTLUCK DINNER**

Business Meeting

Presentation of CFMS Awards to 2020 Officers

Installation of 2021 Officers

Presentation of Lifetime Members' Certificates

Gift Exchange

Slate of RRR Officers for 2021

The newly elected officers will be sworn in at the December Educational meeting.

President Glenn Fiala

Vice President Vernon Deck

Secretary Florence Brady

Treasurer Terry Yoschak

Federation Director Michael Hunerlach

Librarian/Historian Karla Shannon

Bulletin Editor Terry Yoschak

Past President Jim Barton

Field Trip Chairperson Gene Doyle

Juniors' Advisor Carole Kowalik

Directors - (2-year) serve for a two year term

Cathy Nelson

Denise Coyne

Directors - (1-year)

Rene Hunerlach

Martha Nichols



Tons of Shop Hints & Tips

Some recent CFMS Newsletters have included pages of short tips about various shop techniques and suggestions, compiled from different mineral societies all over the country. You can view them all at these links:

<https://cfmsinc.org/wp-content/uploads/2020/09/CFMS-Newsletter-Oct-20.pdf> **Tumbling Tips**, Page 4

<https://cfmsinc.org/wp-content/uploads/2020/08/CFMS-Newsletter-Sept-20.pdf> **Polishing Tips** Pages 4-5-6

<https://cfmsinc.org/wp-content/uploads/2020/07/CFMS-Newsletter-Aug-20.pdf> **Slab and Trim Saws** Pages 4-5

See other examples each month when other Newsletters are posted online at cfmsinc.org

Examples:

One excellent method used to SHARPEN SAW BLADES is to mix cement — No Sand — and water in a milk carton. Let harden and cut three or four slices to clean and sharpen the blade. . . . The Diggers Digest

TUMBLING APACHE TEARS: Use several successive stages of fine grit grinding, then normal polishing technique. It is necessary to fine-grind at a SLOW SPEED, so as to grind smooth without creating more cracks by fast tumbling. A filler, such as cork granules or small leather chips may be added to carry the polish, but slow speed is vitally important.Lapidary Journal

Turquoise

CHEMISTRY $\text{CuAl}_6(\text{PO}_4)_4(\text{OH})_8$

CRYSTALLOGRAPHY

Triclinic, although usually massive

REFRACTIVE INDEX 1.590 - 1.650

HARDNESS 5 to 6

SPECIFIC GRAVITY
2.40 - 2.90

CLEAVAGE None

HEAT SENSITIVE Yes

WEARABILITY* Poor

ENHANCEMENTS

Plastic impregnation, sometimes with dye, improves durability and color, common, stable. Detection, low SG, hot point, magnification.

Wax impregnation, improves color, common, may pick up dirt and discolor, detect with hot point, magnification.

Epoxy or CA impregnation, improves color slightly, makes porous material stronger and able to accept a polish, common, stable, detect with magnification.

Dying with shoe polish, enhances webbing, common, stable except to acetone, detect by wiping with acetone.

Epoxy backing, adds strength and weight, common, may separate, detected by sight.

Surface coating with epoxy, lacquer, etc. Improves color, seals dye, rare, stability varies, detect with magnification.

Wearability is graded as Excellent, Very Good, Good, Poor, and Forget It!

CARE AND USE

As a gem material turquoise has its limitations: it is relatively fragile, porous, and susceptible to heat and/or chemical damage. Turquoise averages 18 - 20% water content and, as the gem is heated, (perhaps from an unwary jeweler's torch,) that water is progressively lost until at 400 degrees C, the structural integrity of the mineral is destroyed.

Few deposits of material are of such a fine grained and compact nature that they take a good polish. For these reasons, the majority of turquoise found in commerce today has been enhanced in one way or another. Even top grade, otherwise natural, stones are often given a surface coat of paraffin wax to seal them and enhance the polish. Skin oils and cosmetic residues are prime culprits in changing



and darkening the color of turquoise gems.

Due to this stone's properties, it is best to make turquoise rings and bracelets occasional wear items, and to protect all turquoise jewelry from heat, chemicals and shocks. So, no ultrasonic or steam cleaning, and wash only with mild, lukewarm soapy water and a soft brush, and wipe pieces with a damp cloth after wearing.

There is an avid collector market for turquoise, with sibling rivalry amongst the various enthusiasts who see virtue in different colors, matrix variations and mine sites. Just as no gem collection would be complete without several representatives of this species, so no jewelry collection should be without at least one piece featuring this well beloved December birthstone gem.



From <https://www.gemsociety.org/> via Cabber Gabber December 2010

Photos from www.amazon.com/gemhub-Protective-Untreated-Turquoise-BR-613/dp/B07CVJ7G9Y And www.aliexpress.com/item/2018022386.html

Don't Mistake Howlite for Turquoise!



A nugget of dyed Howlite sawn open to reveal its true nature.

Lapidary Shop & Class News

Lapidary classes: There are no classes scheduled at this time. Hopefully the COVID restrictions will lift in the near future.

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 limited to 4 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

NEW: 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. In December these open sessions will be on the 1st, 2nd and 3rd Thursdays.

Starting in January the open shop will be on the 1st, 3rd and 4th Thursdays. The usual \$5.00 shop fee will apply. — Please contact Cathy for any questions. 925-321-2024.

Cathy Nelson, Acting Shop Chairperson



December Calendar

Birthstone: Turquoise



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

New Rules for 2021 RRR Membership Renewal -- And It's All Good !!

- Because COVID prevented our Society from having meetings, classes and an open Lapidary Shop for large parts of 2020, that means we did not give you all the membership benefits you deserved in 2020.
- Therefore, you do not have to pay full membership dues to renew in 2021.
- Membership will be FREE for all presently enrolled (2020) **Juniors** for 2021.
- Membership dues will be CUT IN HALF for all **Adults** renewing in 2021.
- You have a CHOICE of renewing at the reduced membership amounts (\$10 per person/\$15 per 2 adults), or the regular membership amounts (\$20 per person/\$30 per 2 adults). Check the boxes on the membership renewal form. Please pay at the meetings, or by mail. Always include the renewal form!
- If you are sending in your renewal by mail, be sure to note the NEW ADDRESS. You will be sending it directly to the RRR Treasurer, instead of the RRR Post Office Box.

ROSEVILLE ROCK ROLLERS – MEMBERSHIP RENEWAL for 2021

(Please do not add a new member to this form)

If your personal/contact information is the same, just write SAME on this form, under your name(s).

NAME(S) _____

ADDRESS _____
Street City/State Zip

PHONE # including area code (_____) _____

E-MAIL _____
(e-mail address will be part of the Club's Membership Roster)

RRR members for 2020 are offered a reduction or full payment of dues for 2021. This is due to the fact that our Society could not meet or hold classes for our membership, for half of 2020, due to COVID -19.

DUES:

Adult (one) Membership: 50% Fee - \$10.00 per year (2021)

100% Fee - \$20.00 per year (2021)

Family Membership: 50% Fee - \$15.00 per year (2021)

(2 adults, same address) 100% Fee - \$30.00 per year (2021)

Junior Membership – for Juniors who were members during 2020, there will be no renewal fee.

_____ Amount Paid Ck. # _____

* Dues for 2021, not paid until after December 31, 2020 will be delinquent and an assessment of \$5.00 will be charged. Checks should be payable to RRR or Roseville Rock Rollers.

If paying by US mail, please mail to:
Roseville Rock Rollers Gem & Mineral Society
5437 Thunder Ridge Circle
Rocklin, CA 95765

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

Send exchange bulletins to
above address

*** First Class Mail ***

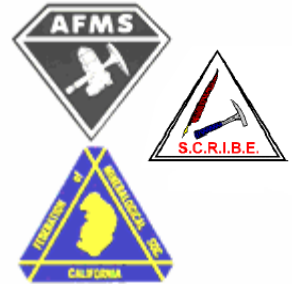


December 2020



the
**ROLLIN'
ROCK**

ROSEVILLE ROCK ROLLERS, INC.



**MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES
MEMBER, AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES
VOL. 61 NO. 12 DECEMBER 2020**

**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