

Bulletin of the Roseville Rock Rollers Gem & Mineral Society, Inc. Volume 61, Issue 11 - November 2020

From the President's Pen

I would like to wish an early Happy Thanksgiving to you all. I do hope that all of you will be able to get together with family and friends to continue the spirit of Thanksgiving as it is meant to be. On the note of gatherings with family and friends please mark your calendars for our annual potluck to be held on December 8, 2020. We will ensure that there are plenty of tables to allow members to spread out, food will be served by board members to eliminate mass handling and we request that members wear their masks when not eating or drinking. I hope to see as many of you there who can make it. Full details will come out through email and December's bulletin when we get a bit closer.

On the front of cool rock stuff, it has been reported that there is water on the moon. Now I don't see us taking a field trip any time soon, but this could mean some really interesting things for humanity's future in dealing with space exploration. We may just see many of those science fiction series and movies start to come into reality. Let's just hope that not all those science fiction shows come true and we start finding crazy monsters or aliens that like nothing more than to eat you rather than meet you!

Take care of yourselves and enjoy the beginning of the weather cooling off. Perhaps there are some rocks you just have not done anything with, since all this lock down and you can mess with them now.

— Glenn Fiala

Vice President's Corner

Dick Hilton, a long-time Geology Instructor at Sierra College, was also a river guide for rafting trips down the Colorado River as it meandered through the Grand Canyon.

After many years, he encouraged Charles Dailey, a fellow long-time Biology Instructor (and friend) at the college, that he too should make the adventurous trip. Ultimately this year, Charles Dailey made that 9-day exciting rafting trip through The Grand Canyon, and **GRAND IT WAS!**

On November 10 at our upcoming RRR Educational Meeting, Charles Dailey will bring that excitement to our very own BIG-SCREEN.

His presentation will overview the historic pages of the Earth's history found in the multiple layers of rock in this magnificent land mark.

Perhaps the only regret he has from this trip, is that he didn't go sooner and return more often with his friend Dick Hilton.

COME SHARE CHARLES DAILEY'S ADVENTURE.... IN LIVING COLOR!

— Vernon Deck

Educational Program November 10, 2020

(In Jones Hall, the building on the right when you are in the parking lot. Look for the yellow RRR signs)

Charles Dailey's 9-day trip Through the Grand Canyon



We are continuing Membership Renewal at this meeting!

See Membership Renewal Form on Page 7

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MINUTES FOR ROSEVILLE ROCK ROLLERS EDUCATIONAL MEETING OCTOBER 13, 2020

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

Call to Order at 7:01 p.m. by President Glenn Fiala. **Flag Salute.**

Present: 41+ members, 3 juniors and 5 guests.

Welcome/Introductions – Glenn had the guests introduce themselves and welcomed those members (15)who were on Zoom.

Sunshine - no report.

Junior Activities – Carole Kowalik reported she and Patty Holbrook had 3 juniors who watched a presentation on the geological time line and then built an 8' long time line. Program for Nov. 10th is to be determined.

Treasurer - no report given.

Secretary – Florence Brady reported 255 members and we are now accepting renewal dues for 2021.

Vice President/Programs – Vern Deck reported the program on Nov. 10th will be a presentation given by Charles Dailey, former Sierra College professor. Topic will be the Grand Canyon. Further educational plans are being developed. Vern is accepting suggestions for presenters.

CFMS Director – no report, director was absent. Glenn reported CFMS will hold a Zoom meeting and one topic will be the annual show to be held in Lodi in June 2021.

Vests, tee shirts and patches – Jan Kessler was absent.

Field Trips – Gene Doyle reported on the field trip to Topaz Mt. UT. 22 attendees were there over the 4 days. Oct. 18th will be a field trip to Black Butte Lake for multicolored jasper.

Librarian/Historian – with Karla Shannon being absent, members with materials to return were asked to give them to Florence.

Show Chair –Jim Hutchings reported he had not received a contract from the Fairgrounds. Regarding the Show Committee - future meetings will be determined, as we are in a "holding" pattern.

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

Refreshments – taking signups for the November meeting.

Class Coordinator – Cathy Nelson reported an upcoming silversmithing class led by Dan Bender will be held on Nov. 8th. It will be a 3 in 1 class.

Old Business – Glenn announced that if there was a member who was interested in being nominated for an office/ position on the Board, to contact him. Presently, all 2020 Board Officers have agreed to serve next year.

New Business - none.

General Announcements – Jim Hutchings will need helpers to move a huge turritella rock which was donated to RRR. It is to be placed by the Lapidary Shop.

Drawings - Winners were: Member, Henrietta Markley; Junior, Mia Wittmeyer and Guest, Pat Liva.

Program – Vern Deck introduced RRR Member Fran Todd who gave a presentation on opal.

Silent Auction – not held.

Recess for Refreshments.

Adjournment – meeting adjourned at 7:50 p.m.

MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING OCTOBER 13, 2020

Call to Order at 8:08 p.m. by Glenn Fiala

7 Officers were present for a quorum.

Membership Applications – a motion was MSA to approve the membership applications for Jim Lloyd and Christine Peterson.

Adjournment – meeting adjourned at 8:10 p.m.

Respectfully submitted, Florence Brady, RRR Secretary

MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING OCTOBER 27, 2020

Call to Order by President Glenn Fiala at 7:08 p.m.

Roll Call – 8 officers present plus one (Jim Barton) via phone. Absent: Denise Coyne, Mike & Rene' Hunerlach, Martha Nichols and Terry Yoschak. A quorum was present.

Minutes - A motion to MSA to approve the minutes for the Bd. Mtg. Sept. 22, 2020 and the Ed. & Bd. Mtgs. for October 13, 2020.

Treasurer – Glenn reported Kim Fiala has reviewed the 2019 financial records and will return them to Terry Yoschak.

Correspondence – Florence Brady reported none received.

Secretary/Membership -Florence Brady reported the membership is 257. Eighty, 2021 renewal memberships have been paid. Three RRR members qualify for Lifetime membership. (Have paid membership dues for 25 years.) They are: Hugh Brady, Lillian Kirtley and Bob Willis. A motion was MSA to approve these 3 RRR members for Lifetime membership. They will be presented to the general membership for ratification during the Nov. 10th Ed. Mtg. During the Dec. 8th Ed. Mtg. name badges and certificates will be given.

Vice President – Vern Deck reported the program for the Nov. Ed. Mtg. will be Charles Dailey who will give a presentation on the Grand Canyon. For the Jan. Ed. Mtg. Dan Sutter will give a presentation on how he makes colored paints with minerals to put on porcelain. The Board discussed the Dec. 8th Ed. Mtg. - whether or not we should hold our annual potluck or do just desserts. It was decided to have a potluck, with the Board being servers behind the tables. Will also do the gift exchange. Glenn will put a preliminary notice in the Nov. bulletin with a more detailed notice in the Dec. bulletin. He also will arrange to have responses returned to him about attending such an event.

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

Bulletin/Website - Deadline for bulletin: Friday, October 30th. Field Trips - Gene Doyle reported 11 persons attended the field trip to Black Butte Lake. Good material was found and some was donated to the Lapidary Shop for cabbing. Gene is considering doing a trip to Crystal Peak in Nov. Keck Museum, in the Mackay Mines building, when open, could be a field trip.

Federation Director - Mike Hunerlach was absent. Jim Barton reported there will be a CFMS Directors meeting via Zoom on Nov. 14th. CFMS Officers will have a Zoom meeting on Nov. 7th. Roseville will have to have someone registered to attend the Zoom meeting on Nov. 14th.

Lapidary Classes - Cathy Nelson reported the silversmithing classes were rescheduled. Notice to be e-mailed. Still allowing only up to 4 students per class in the Lapidary Shop.

by appointment.

Show – Jim Hutchings, Show Chair, reported we have received the contract from the Fairgrounds which is similar to last year's show contract. He has asked Cheryl (Fairgrounds) do we know if we can have a show like before? (As far as usual vendor setup.) If we have to space vendors out, we will lose money. Jim asked if it was possible for us to have the big building again (same price). Another option, is an outside show, but weather could be a problem. For advertising, stay with postcards, electronic billboard and social media. Will relook, again in November and December, as to having a show in March. By the end of December, we must make a decision.

Lapidary Shop – Cathy Nelson reported she and Vern picked up donated equipment. Some of which will be put on the silent auction table. Rocks were also received along with an assortment of opal. She will ask Fran Todd's advice regarding the opal. These donations were received from RRR member Rhonda Esgro and from past member Joyce Bright's estate. A 6 inch saw bought and repaired by Cathy, will be sold with profits going to the shop. Repairs have been made and will be made to some of the equipment. Starting in November, except for the 2nd Thursday night of the month, the shop will be open by appointment along with one of the volunteer instructors as a monitor. Presently are using a gate from Event Center Dr. to access the parking lot for the Shop. To be determined, if this will now be the gate to use. Lock will have to be fixed.

Directors – no reports.

Juniors - Carole Kowalik reported the Juniors' program will be on rhyolite with Topaz rocks, which will be pounded outside, looking for Topaz crystals. Patty and Les Holbrook are assisting Carole with the meetings.

Past President – Jim Barton had no report.

Old Business – Jim Hutchings will be arranging to get the donated turritella boulder.

New Business -

Donations from Rhonda Esgro and from the estate of Joyce Bright – Cathy and Vern have picked these items up.

CFMS – triangles and bars – members present, okayed or changed their order and Florence will send in to Rocky Five.

Other Business -

No nominations for officers have been received. The present Board has agreed to serve in 2021.

Thanks to Albie and Janet Longueira for their generous donations to the Juniors' program and to hospitality.

Next Board Meeting – November 24, 2020.

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

Respectfully submitted,

Florence Brady, RRR Secretary

November Board Meeting

The meeting will be held Tuesday, November 24 at 7:00 PM in the club Lapidary Shop at the Fairgrounds.





Rookie Rock Roller News



The Rookies will meet at 5:30 in Jones Hall on November 10, 2020.

We will have a little study of topaz in the matrix of rhyolite. Afterwards, we will go

outside and try to pound the topaz out of the matrix rhyolite for our collections. Glenn Fiala donated some wonderful specimens.

Last month we had a little film on the geologic timeline. Then we made a scroll showing that time line.

Juniors and parents are welcome to stay for the adult education meeting. Be sure to sign up for a chance to win the door prize.

If anyone wants to work on badges, just text, email or call me and we can see what badges you have earned.

See you all at the meeting (Covid-19 Safe),

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



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 hmcrane?@gmail.com



November Refreshments

Refreshments for the November 10 Educational meeting are to be provided by Wendy Terry, Rita Lipscomb, Kim Fiala, Rob Nichols and Pat Liva. Thank you all in advance!

Others are welcome to bring refreshments! We need some more!

The Rollin' Rock Roseville Rock Rollers

RENEWING RRR MEMBERSHIP FOR 2021

We appreciate those of you who have already renewed your membership for 2021.

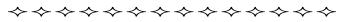
Thank you very much!

There are 2 ways to renew your dues:

- 1.) Bring completed renewal form along with proper payment to the Nov. 10th Ed. Mtg.
- 2.) US mail the form and a check payable to RRR to the address listed on the bottom of the form.

Early renewal is greatly appreciated. So, please send or bring in your renewal before the holidays!

Florence Brady, RRR Secretary/Membership Chair



Thank You for These Recent Donations

Albie and Janet Longueira for their generous donations to the Juniors' program and to hospitality.

Donations of equipment, rocks and opal from Rhonda Esgro and the estate of Joyce Bright.

SLATE OF RRR OFFICERS FOR 2021

We are scheduled to vote for our 2021 slate of officers at the November 10 Educational Meeting. There will be a voice vote. 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

Directors - (2-year) serve for a two year term Cathy Nelson Denise Coyne

Directors - (1-year) Rene Hunerlach Martha Nichols

Field Trip Chairperson Gene Doyle Juniors' Advisor Carole Kowalik



Are You Ready for the Newest Gemstone?

What do you get when you mix a bright green peridot with a blue-green tourmaline? Tashmarine, of course. Eric Braunwart says his company, Columbia Gem House, Vancouver, WA, chose the mellifluous name of the new gemstone and he hopes that with proper marketing, good supply and marketable sizes, the gem is on a fast track to join tanzanite, tsavorite and Paraiba tourmaline in a select group of newer world-class gemstones.

Gemologically, the gem is diopside, and it's from a deposit near Tashkent in eastern Uzbekistan. Diopside, mostly originating in Russia, has been gaining popularity as a gem in recent years, particularly because its deep green is reminiscent of the finest green tourmaline – at a fraction of the price. But gemologists are also quick to point out the gem's weakness: cleavage planes. Improperly cut or set, or if dealt a hard knock, the gem is prone to sudden parting along these planes. The gem is neither treated nor enhanced in any way. Tashmarine is far lighter and brighter than most other fine and commercial diopside. Smaller gems (up to 7 carats for manufacturers) are faceted in large quantities to optimize color and light return.

Tashmarine is a non-chromium colored form of green diopside. It is uniquely colored by iron which results in lighter and brighter colors when compared to its more popular sister stone, chrome diopside. Chrome diopside is the best-known gemstone variety of diopside, and it is by far the most popular diopside used in the jewelry trade. As its name suggests, chrome diopside obtains its attractive color from chromium. With chrome diopside, its forest-green color tends to darken as its size increases, with many larger stones often appearing near-black, but with Tashmarine this is not the case. In fact, there are many Tashmarine gems weighing 40 carats or more with excellent color. Currently, there are several fine pieces of faceted Tashmarine on display in the Smithsonian Institution of Washington D.C.





Tashmarine (left) is lighter colored than chrome diopside (right)

From www.gemselect.com/other-info/tashmarine-diopside-gemstone.php

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RRR FIELD TRIP to Crystal Mine near Verdi November 15th, 2020

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 - \(\frac{1}{4} \) to \(\frac{1}{2} \) mile with trails on hill sides, or through brush and creek beds

WHEN – Sunday, November 15th, 2020.

MEMBER'S GUESTS - Allowed.

COLLECTION MATERIAL – Quartz Crystals.

LEADER & CONTACT INFO – Gene Doyle: 408-605-9457; <u>eugene.doyle@sbcglobal.net</u>.

PROPOSED SCHEDULE – We will meet at Crystal Peak Park at 10 a.m. in Verdi. At 10:30 a.m. we will caravan together to the Crystal Mine.

MEET - I will be parked at the Crystal Peak Park in my Blue Toyota 4Runner by 10 a.m.

DIRECTIONS TO SITE – Take Highway I-80 East to Verdi, Nv. Take exit 2 towards Verdi. Turn right onto 3rd St. Turn right onto Crystal Park Rd, then turn right. Crystal Peak Park, 561 Crystal Park Rd, Verdi, NV 89439.

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

CAMP/FACILITIES – If your wanting to camp you may have to take your chances when you get there. Due to Covid-19 some of the local campgrounds are currently close.

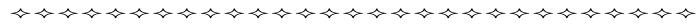
TOOLS –Buckets, rock hammer, chisels, eye and hand protection.

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

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

CLOTHING – Wear layered clothing, hats, and gloves, and boot. Wear sunscreen 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.



26-Pound Nugget Proved a Sure Cure for Gold Fever

From the Egyptians and Spanish conquistadors to the Lost Dutchman Mine or any of the Indiana Jones films, treasure hunting holds an unquenchable fascination.

In 1989, a Mexican following that passion decided to search a portion of the Sonoran Desert about 70 miles south of Arizona. There had been reports of gold nuggets having been found there some years earlier. Might there be more?

The modern-day searcher set up a search grid and patiently swept the site for several weeks, finding only metal scrap and a few old lead bullets.

One afternoon, his patience paid off. The "beep" from the detector was louder than most. He dug down and spotted something shiny. He had to keep digging, as the object was considerably larger than a bullet — more than 10 inches tall and 7 inches wide.

Eventually he uncovered a rock. It weighed over 26 pounds, so lifting it wasn't easy. That suggested it might contain a fair amount of gold. Once home, he washed off the dust. The gleaming mass was virtually solid gold, containing almost 3990 troy ounces. It was later assayed as 94 percent pure.

The discovery became known as the Boot of Cortez due to its shape. To this day, it remains the largest gold nugget found in the Western Hemisphere. (The second largest is 100 ounces smaller.). The Boot of Cortez was sold and has been owned by several people. It has also been on display at various exhibits including the American Museum of Natural History in New York.

Last month, the nugget - if you can still call it that-was put up for sale at Heritage Auction Galleries in Texas. The hamper price was \$1,553.500, or roughly \$4,000 per ounce.

The Buyer of the Boot of Cortez is an American philanthropist who "wishes to see it return to public display in the very near future."

By Peter Rexford, Creators Syndicate via Sacramento Bee, Stamps & Coins Section February 16, 2008

Creators ento Bee, tion Febdo MGS member Ed Gro

Submitted by El Dorado MGS member Ed Grosch Via Petroglyphs 3/08

Lapidary Shop & Class News



OPEN SESSIONS IN THE SHOP

Starting on November 5, 2020, there will be open shop time at RRR's lapidary shop for those who have completed RRR's introductory cabochon class. This will be by appointment only, because of COVID mandates, as we limit the number of persons in the shop at one time. These open sessions will be on the 1st, 3rd and 4th Thursdays. From 5 PM to 9 PM. To schedule a time, please call Holli Hinkle at 916-579-8011. The usual \$5.00 shop fee will apply.

— Cathy Nelson, Lapidary Classes Coordinator

Silver-Smithing Class

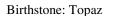
We have scheduled a Silver-Smithing 3-in-1 class with Dan Bender of The Studio 26 on Sunday, November 8, 2020 from 9:30 AM to 4:30 PM. This is an off-site class being held in Cameron Park. In this class the students will be making in 2-flat bands (stacker rings), on one ring the student will solder a premade bezel cup and set a stone. Students will also be making a custom cabochon ring with decorative wires. This class is a faster paced, modified version of the Jewelry Making 1 through 3 classes.

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 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 check to.



November Calendar





Sun	Mon	Tues	Weds	Thurs	Fri	Sat
I	2 Lapidary Shop 5:00-9:00 pm	3	4 Lapidary Shop I I:00 am-3 pm 5:00-9:00 pm	5 Lapidary Shop 5:00-9:00 pm ***	*** You m	7 nust have com- RR introductory
8	9 Lapidary Shop 5:00-9:00 pm	IO Meetings: Rookies 5:30 pm Club 7:00 pm	Lapidary Shop 11:00 am-3 pm 5:00-9:00 pm	FFF Meeting 7:00-9:00 pm	cabochon cla	cabochon class to come to these Thursday sessions.
15 Crystal Mine Trip 10:00 am	16 Lapidary Shop 5:00-9:00 pm	17	I8 Lapidary Shop II:00 am-3 pm 5:00-9:00 pm	Lapidary Shop 5:00-9:00 pm ***	20	21
22	23 Lapidary Shop 5:00-9:00 pm	24 Board Meeting 7:00 pm	25 Lapidary Shop I I:00 am-3 pm 5:00-9:00 pm	26	27	28
29	30 Lapidary Shop 5:00-9:00 pm	For questions about classes, contact : Cathy Nelson (925) 321-2024 Email: canelson2@netscape.net				

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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		
ADDRESSStreet PHONE # including area code ()	City/State	Zip
E-MAIL		
(e-mail address will be part of the Cl	ub's Membership Roster)	
RRR members for 2020 are offered a reduction that our Society could not meet or hold classes		
DUES : Adult (one) Membership: 50% Fee - \$10.00 pe 100% Fee - \$20.00 p		
Family Membership: 50% Fee - \$15.00 per (2 adults, same address) 100% Fee - \$30.00 per		
Junior Membership – for Juniors who were mer	mbers during 2020, there will be	e no renewal fee.
Amount Paid Ck. #		
* Dues for 2021, not paid until after December will be charged. Checks should be payable to R		d an assessment of \$5.00
If paying by US mail, please mail to: Roseville Rock Rollers Gem & Mineral Society 5437 Thunder Ridge Circle		

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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 *





the ROLLIN' ROCK ROSEVILLE ROCK ROLLERS, INC.



MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES MEMBER, AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES VOL. 61 NO. 11 NOVEMBER 2020

EDUCATIONAL MEETING EXECUTIVE BOARD MEETING

2ND TUESDAY OF EACH MONTH, 7:00 PM 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