



## From the President's Pen

There are two critical times a year that we reach out to you all, the society members, and ask for your time and effort by volunteering. The largest of this volunteering consists of our Gem and Mineral show, which we have begun to align for the March 28-29, 2020 show. One position of many in support of our Gem and Mineral Show is maintaining and organizing the Show Trailer. The Show Trailer contains all of our necessary essentials to setup our Gem Show within one general location. Kelley Ballard has acted as the Show Trailer Chair for a number of years and he has asked for someone to step up and take over the baton. So please consider taking on this position and helping out the society, this is one of many critical positions that we really do need some support.

Society Board Officers are the other area that we reach out to you all to volunteer. There are several positions open and even if a position is not open that does not preclude anyone from volunteering for that position. It may even drive us to have a vote! It is critical that we have all of the seats filled so that we may hold a quorum during our board meetings, and make decisions that allow the society to continue as it has for a long time. Please do not feel shy or concerned your opinion would or will not count. It is necessary to have continual change input and suggestions so that our society stays active and relevant.

We do and will ask for volunteers for many other situations and instances, but the two mentioned above allow our society to thrive and prosper. Please consider stepping up and helping out wherever you can. In the end please note that any time volunteered for the society is greatly appreciated no matter what the function is.

— Glenn Fiala

## Vice President's Corner

In conjunction with the October 8th Educational Program presentation by Jim Hutchings on gold, I thought I would pull together some information on gold but halfway through some boring statistics I found myself drifting off, so I thought I would just focus on why the price of gold is so high:

Reasons why the price of gold is high includes:

1. Scarcity: Gold is difficult to find and extract. In the late 1800s, any town with a single gold nugget was instantly transformed into a gold rush town. Today, only about 2,000 tons of gold are created per year. To put that number into perspective, about 10,500 tons of steel are produced in the U.S. every hour.
2. Physical Characteristics: No metal is more malleable and ductile than gold. That means that just a small bit of gold can be hammered into many smaller sheets. In fact, one ounce of gold can be stretched to form a wire that is 50 miles long.
3. Aesthetic attributes: One of the simplest reasons why gold is valuable is that it looks cool. Rulers have loved displaying gold in throne rooms, tombs, bathrooms (ha, ha).
4. Wealth storage: Gold is seen to be a good storage tool. The sad part is that the increase in value is usually coupled with extreme economic circumstances.

As I mentioned earlier, our Educational Program for October 8th will be Jim Hutchings presenting "The Origins and Chemistry of Gold." Looking forward to seeing all of you there.

— Jan Kessler

## Educational Program for October 8, 2019

### "The Chemistry & Origin of Gold"



By Jim Hutchings  
In the Garden Room  
See map, Page 5

## Inside this issue:

Meeting Minutes	2
Rookie News, Announcements	3
Renewing RRR Membership for 2020, Lapidary Classes, Tumbled Rocks for Kids, The New Show Trailer	4
New Entrance to the Fairgrounds, Tourmaline	5
Ongoing Rock Sales	6
Calendar, Membership Renewal Form	7
Upcoming Northern California Shows, Nevada County Show Ad, Sacramento Show Ad, RRR Supports Other Clubs	8



## MINUTES FOR ROSEVILLE ROCK ROLLERS EDUCATIONAL MEETING SEPTEMBER 10, 2019

**Call to Order** at 7:00 p.m. by President Glenn Fiala.  
**Moment of Silence** – led by Stan Bollinger in remembrance of 9-11  
**Flag Salute** – led by Glenn.  
**Present:** 58+ members, 3 juniors and 3 guests.  
**Introductions** were done by guests.  
**Sunshine** – a sympathy card was sent to Irene Perman.  
**Juniors** – Carole Kowalik reported there were 7 Juniors including several guests. They worked on the opal triplets received at the last meeting, dug topaz crystals out of rhyolite and later broke down Mariposite rocks  
**Treasurer** – Terry Yoschak reported the financial records for the 2019 show showed everything was in good order.  
**Secretary** – Florence Brady no report.  
**Vice President/Programs** – Glenn reported the program for October will be a presentation given by Jim Hutchings on Chemistry and Origin of Gold.  
**CFMS Director** – Mike Hunerlach had no report.  
**Vests, Tee Shirts and Patches** – see Jan Kessler at the Oct. Ed. Mtg.  
**Field Trips** – Gene Doyle reported on the recent trip to the Bear River area. He and Jim Hutchings shared information on the upcoming trip to Fallon, NV Sept. 21 and 22.  
**Library**– Karla Shannon reported she has several new books available for check out, along with all issues of Rock and Gem for 2019.  
**Show Chair** – Jim Hutchings reported he is working on the contract with the Fairgrounds for our 2020 show. Sept. 17<sup>th</sup> is the “kick off” meeting for the 2020 Show Committee. Start time is 7 p.m. at the Lapidary Shop. Members were invited to attend and learn what the Chairpersons do. Gloria Marie could use help with publicity. Parking for show attendees will probably be \$10 as the new Sports Events center will be open and possibly in use. Rob Blazina drove the Society’s brand new storage trailer up to Jim Hutchings’ house. There will be work parties scheduled to structure the inside for storage of our exhibit cases and show items. We will empty the old storage trailer and sell it.  
**Lapidary Shop** – Denise Coyne reported several members have completed the Lapidary Orientation classes. Thanks were given to Sam who made water towers for the flat lap machines and Barbara Manganello made a cover for the opal polishing machine. Denise has tumbling material (and grit) available for members to take home and tumble and return tumbled stones for use in the grab bags sold during the show. Repair work parties will be needed to work on the siding (perhaps 20 siding sheets will be needed) along with work over the doors and possible replacement of insulation. The sewer pipe was cut back to the edge of the ditch, will be our option to hook up to the city sewer line.  
**Lapidary Classes** – Cathy Nelson reported the next session of opal classes was starting on Thursday, there is one opening. She will be working on future classes on silversmithing.  
**Refreshments** – signups are being accepted.  
**Old Business** – none  
**New Business** –  
Nominations Committee – 3 RRR members are needed for a

nominations committee. They will be contacting active members to see if anyone wishes to be a candidate for the 2020 officers slate. Volunteers were: Katie Meredith, Marla Star and Meg Zbierski. Election will be held in November.

Glenn reminded the members that there will be upcoming work parties so listed above., more information later.  
**Drawings** – winners were: Member, Manly Wong; Guest, Winnie Clark and Junior Arnav Dabke.  
**Program** – Jim Hutchings showed a DVD on Crystal Hunters, Smokey Hawk Mine.  
**Silent Auction** – Tim Carlson announced there would be 10 more minutes for the silent auction.  
**Adjournment** – meeting was adjourned at 8:40

Respectfully submitted,  
Florence Brady, RRR Secretary

## MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING SEPTEMBER 24, 2019

**Call to Order** by President Glenn Fiala at 7:00 p.m.  
**Roll Call** – 9 officers present, a quorum. Absent: Stan Bollinger, Mike & Rene’ Hunerlach, Carole Kowalik, Cathy Nelson and Karla Shannon. There was a quorum. Guests, Keith Lindholm & Denise Coyne.  
**Minutes** – a motion was MSA to approve the minutes for Board Mtg. June 25, 2019, Ed. & Bd. Mtgs. July 9, 2019, Ed. & Bd. Mtgs. August 13, 2019 and Ed. Mtg. Sept. 10, 2019.  
**Treasurer** – Terry Yoschak reported payment of \$6800 was made for the new storage trailer.  
**Membership/Secretary** – Florence Brady reported membership is 258. Membership renewals are starting. A thank you note was received from Tina Campbell.  
**Vice President/Programs** – Jan Kessler reported the presentation for the Oct. 8<sup>th</sup> Ed. Mtg. will be “Chemistry and Origin of Gold” by Jim Hutchings.  
**Librarian/Historian** – no report, Karla Shannon was absent.  
**Bulletin/Website** – Terry reported the deadline for the October bulletin is Friday, Sept. 27<sup>th</sup>.  
**Field Trips** – Gene Doyle reported on the field trips to the Fallon, NV area. Selenite pieces and petrified wood specimens were shared. He is planning a future trip to Garnet Hill off of Hwy. 88 in October.  
**Federation Director** – no report, Mike Hunerlach was absent.  
**Lapidary Classes** – no report, Cathy Nelson absent.  
**Show Chair** – Jim Hutchings reported he is still working with the Fairgrounds regarding the contract. We should be booked for the show dates for 5 years. To be determined is the total rental cost along with provided # of tables.  
**Lapidary Shop** – Denise Coyne updated the Board on the Shop and discussed needed repairs. Rob Blazina has made suggestions regarding the needed materials. Glenn will try to determine a cost. At least 4 volunteers will be needed to make the repairs to the siding along with installation of insulation. Painting will also be done. Date for work party to be determined. Discussed possible hookup to city sewer. Denise will have rocks and grit available for members to tumble and then donate to the KJ show materials needed. Discussion regarding the 24” saw presently in the shop. New lock combination for the lock on the outside gate into the yard.  
**Directors** – Martha Nichols was the only Director present, she

had no report.

**Juniors** – Carole Kowalik was absent, no report.

**Old Business** –

Work Party for Lapidary Shop – discussed, a date will be chosen and volunteers requested.

New Storage Trailer – discussion on what will have to be done with items in old storage trailer, outfitting the new trailer and selling the old trailer. Kelley Ballard has looked at the new trailer.

**New Business** –

New entrance to the Fairgrounds – Florence shared received information and a new map for the newly opened entrance off of Junction Blvd. This will be shared with the membership.

Nominations Committee – so far, no candidates for the officers' slate have been received.

**Next Board Meeting** – October 22, 2019.

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

Respectfully submitted,  
Florence Brady, RRR Secretary

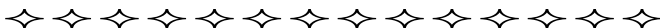
## October Board Meeting

The meeting will be held Tuesday, October 22 at 7:00 PM in the club Lapidary Shop at the Fairgrounds.



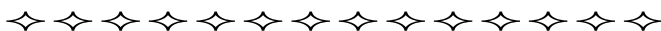
## October Refreshments

Refreshments for the October 8 Educational meeting are to be provided by Nancy Hood, Stan Bollinger, Cathy Nelson, Alexis Prince, Steve Laue, Shirley Penman and Janet Longueira. Thank you all in advance!



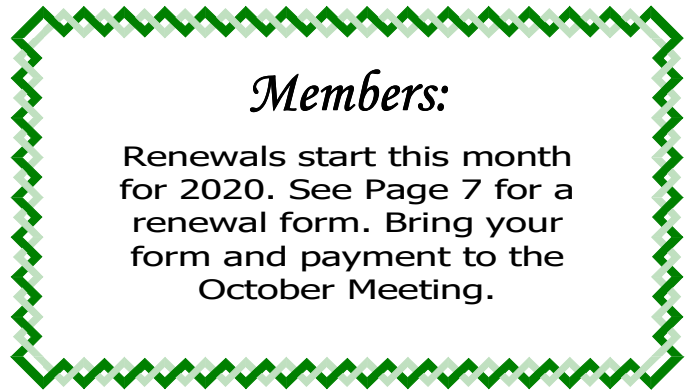
## Sunshine

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



## RRR Building Fund

If you overpay on your membership dues, or simply wish to contribute, we will allocate your donation to the Building Fund. As soon as we reach a total of \$500, a new savings account will be set up at our bank to be reserved for this fund. Currently we have \$348.



## Members:

Renewals start this month for 2020. See Page 7 for a renewal form. Bring your form and payment to the October Meeting.

## Rookie Rock Roller News



The Rookies will meet at 5:30 in the lapidary shop on October 8, 2019.

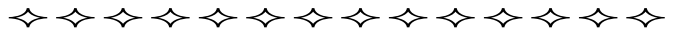
Last month, we had instruction from Jim Hutchings on how to sand down the rough edges of our opal triplets made the month before.

While some Rookies were working on that, the rest of the Juniors were outside breaking up rocks for future samples: mariposite, rhyolite to find topaz crystals, etc.

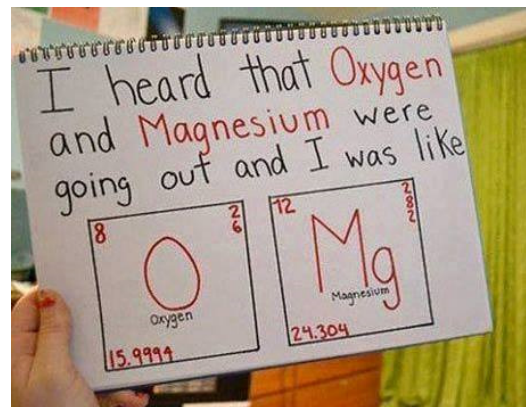
For our October meeting, we will learn a little about chatoyance and then we will have a rock related fun activity.

See you at the meeting.

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



Got RRR Library Books? Return them!





## Renewing RRR Membership for 2020

It is renewal time and if that isn't scary enough, look at the renewal year, 2020!

As we have a large membership, we start the renewal process in October. We really appreciate your early renewal, before the holidays! (Renewals received after Dec. 31st are assessed a late renewal fee penalty of \$5.)

Please use the renewal form printed in this bulletin.

If all your contact information is the same, just fill in your name and write SAME across the information portion. Bring it to the upcoming Educational Meeting. We accept checks payable to RRR or exact cash (please) if hand delivering.

If necessary, you can US mail the renewal to RRR - PO Box, 212, Roseville, CA 95678.

Please do not add a new member to this form.

There will be a container for receiving renewal forms at the upcoming Educational Meetings.

Thank you!

*Florence Brady, RRR Secretary/Membership Chair*  
*Terry Yoschak, RRR Treasurer*

## Lapidary Classes

**Lapidary Classes** - Introduction to Shop Use & Cabochon making is \$10 per class for 5 classes or \$45 paid in full. Our Shop is staffed Monday & Wednesday nights 5 pm - 9 pm! Learn more about the Lapidary Arts & Cabochon Making. A DVD is available for viewing at the Shop for Cabochon Making.

Regular \$5 per day or \$20 monthly rates apply for lapidary shop use after Orientation/Introduction classes.

Large & Extra Large Saws: \$2 per slab for 18 inch saw & or 24 inch saw for cutting large & extra large rocks.

**Crafty Days** - Crafty Days is an open get together/play day for anybody wanting to work on their craft while yakking and snacking! We always have fun! Bring whatever you are working on and a snack to share. We meet 1st and 3rd Mondays each month. No class or class fee, \$5 for use of the Shop is the only fee. 10-2pm at the Lapidary Shop.

**Crafty Days this month are on October 7 and 21.**

## ☆☆☆ SHOW BIZ Stuff ☆☆☆

No, it's not too early! March 28-29, 2020

### Tumbled Rocks for Kids



We have available some grit and some rock to anyone who is willing to tumble the rock for the RRR Show's Kids' Junction.

I will have some bags of grit available at the Education meeting and at the Lapidary Shop.

Tumbling by members helps keep down the cost of actual purchased tumbled stones for the show.

The grit is 6 oz. of 60-90, 6 oz. of 120-220 and 6 oz. of 500 and one 3 oz. bag of Aluminum Oxide. 6 oz. of grit is approximately 12 tablespoons; if you have a large tumbler more grit can be added.

You can come to the shop on either Monday or Wednesday during operating hours 5-9pm, and the instructor can get you your bags of grit. We also have some rock for tumbling available.

If you haven't used your tumbler in a long time, there is a great website on tumbling. It is at [RockTumbler.com](http://RockTumbler.com)

Please bring back the tumbled stones to either an upcoming Educational Meeting or to the Lapidary Shop.

Thanks!

*Denise Coyne, Lapidary Shop Chair*



### The New Show Trailer



As some of you might know, the RRR show trailer was a heavy monster, and was nearing 30 or 40 years old....and was used when we got it!

It required a very expensive hauling service, just to move it from the storage yard to the show and back!

We have purchased a new show trailer....and here it is!

We will need to get up some work parties to build out some shelving and other structures to meet our needs. We will need to remove the show materials from the old trailer, and put it up for sale!

Thank you to Rob Blazina for scoring a great deal, getting it picked up, registered, and delivered here for now!!!

— *Jim Hutchings, Show Chair*

## NEW ENTRANCE TO THE FAIRGROUNDS

For our upcoming Educational Meeting on Oct. 8th and all meetings afterwards, you are to enter the Fairgrounds using the new entrance which is accessed off of Junction Blvd. There is a newly installed traffic light there.

Follow the newly named road, Event Center Drive, around the Fairgrounds and park in the “usual” parking lot. We should be meeting in the Garden Room, right off of this parking lot.

To exit, go back the way you drove in! Exit onto Junction Blvd.



### TOURMALINE

Alternate birthstone for October, Tourmaline displays the most dazzling and surpassing variety of colors of all known gemstones. Tourmaline is actually a general group term that applies to several minerals with similar atomic structures and chemical compositions. Tourmaline has no cleavage, and therefore doesn't tend to break or chip easily. Its hardness is 7-7.5 on the Mohs scale.

The most valuable tourmalines are red, with a tinge of purple or violet. California tourmalines are a distinctive “shocking” pastel pink. Color-zoned crystals are sometimes cut for jewelry use. Of great popularity are the concentrically banded crystal sections that are almost always pink in the center and green on the outside. These have been fancifully named

“watermelon tourmaline,” and polished crystal slices are worn as earrings and pendants. Sometimes a tourmaline crystal contains enough fibrous or tube-like inclusions to display chatoyant sheen. When cut into cabochons such material yields interesting “cat's-eye tourmaline.” These are found in various colors, most commonly green and pink.



Consumer Tips—Tourmaline is available in the trade in large quantities and in a huge array of colors, yet it seems less well known than other gems. Tourmalines are hard and durable and make fine ringstones, especially when set with small diamonds.

*Excerpt from Gems and Jewelry, 1975, via Rimstones Review, Oct/Nov 2005*



## Ongoing Rock Sales

### ROCK SALE-- CONTINUED FROM LAST YEAR:

Ellis Hunt's collection of rough and slabbed lapidary material in Grass Valley is being sold off by his son's Gary & Larry Hunt.

Much of the material previously offered will be discounted further and loads of **NEW** old stuff from the basement has been added," interesting pet wood, rhodonite, agates, turquoise, tiger eye/iron, sage amethyst, plume agate, jade, various specimens and much more. Please bring your own containers and gloves as the spiders live in some of the rock containers. **Groups and individuals welcome by appointment only.**

Call Gary Hunt 530 272-1756  
Leave message if no answer and I will get back to you.

### FROM ELAYNE LaSHELL

I have a huge estate collection of crystals, specimens, rough and slabs. I just finished organizing the slabs, so thought I'd let the Rock Rollers know first.

Available at:

RebelwraPt Studio  
1474 Grass Valley Hwy, Auburn  
530.885.1435  
Tues-Sat 10am-6pm

I'd also like to thank James Hutchings for all his help with this monster collection!

### Photos from this collection below:





## "Earth's Treasures" Gem & Mineral Show

**October 5 & 6, 2019**  
**Saturday 10 - 5, Sunday 10 - 4**

Admission: Adults: \$3  
Under 13 & Students w/ID: Free  
Lots of free parking

Featured display: **pleistocene zoo**  
A Collection of Mammal Fossils



20 Vendors Offering  
gems, minerals, fossils  
fluorescent minerals  
lapidary supplies  
books  
beads & supplies  
jewelry  
gold prospecting  
more



Displays of Mineral  
& Fossil Collections

Demonstrations

beadmaking  
cabachons  
wire wrapping  
gold panning  
intarsia



Kid's Corner  
Silent Auction  
Half Hourly Raffle

## Upcoming Northern California Shows

### October 5 - 6: GRASS VALLEY, CA

Nevada County Gem & Mineral Society  
Nevada County Fairgrounds,  
11228 McCourtney Road  
Hours: Sat 10 - 5, Sun 10 - 4

Contact: Mitchell Frank Van Hecke, (530) 575-4252  
Email: 4vanclan5@att.net, Website: ncgms.org

### October 19 - 20: PLACERVILLE, CA

El Dorado County Mineral & Gem Society  
El Dorado County Fairgrounds,  
100 Placerville Drive  
Hours: 10 - 5 daily

Contact: Debbie Winterson  
Email: info@rockandgemshow.org  
Website: eldorado.rocks.org

### October 26 - 27: SACRAMENTO, CA

Sacramento Mineral Society  
Scottish Rite Temple, 6151 H Street  
Hours: Sat 10 - 5; Sun 10 - 4

Contact: Alyssa Meiszinger, (916) 205-4441  
Email: webadmin@sacramentomineralsociety.org  
Web Site: sacramentomineralsociety.org

### November 2 - 3: CONCORD, CA

Contra Costa Mineral & Gem Society  
Centre Concord, 5298 Clayton Road  
Hours: 10 - 5 daily

Contact: Mike Hopkins  
Email: mhopkins@ironhorsesdesign.net  
Website: contracostamineralandgemsociety.org

### November 9 - 10: YUBA CITY, CA

Sutter Buttes Gem & Mineral Society  
Yuba-Sutter Fairgrounds, 442 Franklin Blvd  
Hours: Sat 10 - 5; Sun 10 - 4

Contact: Karen Horita, (916) 677-6696  
Email: horita@comcast.net  
Website: sutterbuttesgemmin.org

THE NEVADA COUNTY GEM AND MINERAL SHOW will occur Saturday October 5 and Sunday October 6. There will be incredible displays of gems, minerals, fossils, crystals, and many educational programs. Demonstrations will include: Gold panning, fossil exhibits, black light room, and much more. There will be prize raffles every ½ hour, and plenty of fun for kids of all ages.

25 vendors of gems, minerals, crystals, jewelry, and beads plus all kinds of things related to the world of gems and minerals.

Presenting the 83rd Annual  
**Sacramento  
Gem & Mineral Show**

**OCTOBER  
26 & 27, 2019**

**FREE  
PARKING!!**

**Scottish Rite Temple**  
6151 H St. Sacramento, CA 95819  
Sat: 10am - 5pm, Sun: 10am - 4pm

What You Will Find:

<ul style="list-style-type: none"> <li>• Minerals &amp; Crystals</li> <li>• Fossils</li> <li>• Beads &amp; Gemstones</li> <li>• Demonstrations</li> <li>• Meteorites</li> <li>• Jade, Gold &amp; Opals</li> <li>• Slabs &amp; Cabochons</li> </ul>	<ul style="list-style-type: none"> <li>• Jewelry</li> <li>• Trick or Treating!</li> <li>• Children's Activities <i>(see website for details!)</i></li> <li>• Rough Rock</li> <li>• Exhibits</li> <li>• Raffle</li> </ul>
--	--

... and much, much more!

**ADMISSION \$6.00**

**SAVE \$1.00 off with this coupon**

www.sacgemshow.com

Admission is FREE for all children under 12!!!

## RRR Supports Other Clubs

When attending other club shows, wear your name badge and your RRR vest, T-shirt or hat. Show them that the Rock Rollers support them!





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

Send exchange bulletins to  
above address



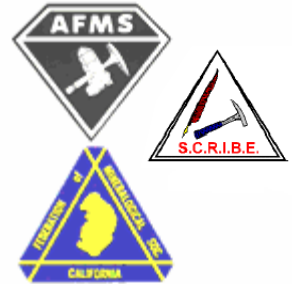
October 2019

**\* First Class Mail \***



the  
**ROLLIN'  
ROCK**

ROSEVILLE ROCK ROLLERS, INC.



**MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES  
MEMBER, AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES  
VOL. 60 NO. 10 OCTOBER 2019**

**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: ROSEVILLE FAIRGROUNDS,  
JOHNSON HALL, 800 ALL AMERICA CITY BLVD., ROSEVILLE, CA**

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