



From the President's Pen

Continuing on with the tips and tricks that I have learned while making different jewelry is another tip for silversmithing. I have found that the soldering tripod is perhaps an often overlooked tool that is really necessary when trying to solder large pieces of silver together. What I have seen is that many people heat from the top, try and heat a large piece of silver with perhaps the smaller bezel sitting atop of that. Although this works, one has to be really careful and ensure they do not melt the smaller and thinner bezel material while they are simultaneously attempting to heat the larger piece so that the solder will flow.

This is where the soldering tripod comes in handy. I like to apply flux to both sides of the larger piece, and then place the smaller piece atop of that (sometimes a third hand is necessary to hold the smaller piece in place). With the torch I begin by warming up the underside only, which will begin to make the flux go to crystalline, then black and finally clear. Just before the flux begins to go clear (something learned over time), I quickly place all of the solder chips in place. Once I am satisfied I have enough solder chips in place, I finish up warming the underside of the piece and take note of the solder chips. Once I see that the solder chips outline and possibly chips themselves are beginning to show a black oxidation, I quickly bring the torch to the top side of the piece and warm the smaller piece. Ensuring to use the five second rule of not letting the torch set in once place for too long, the solder chips should quickly begin to flow. Once all of the chips have begun to flow I ensure to move the torch all around the smaller piece that I am soldering into place. Solder follows heat and by moving the torch this ensures the solder moves all around the piece.

With this tried and true trick you should have no problem soldering any small piece to a larger and even thicker piece of silver next time.

—Glenn Fiala

Virgin Valley Opal

Currently a group of our club members are on a field trip to Nevada at the Royal Peacock Mines.

The first mine workings in Virgin Valley were started in 1905. Today, there are more people, claims, and encampments than ever, but it's still a pretty isolated, and tiny enclave of humanity. Here, opal hounds caravan down dirt roads leading to various claims where they can pay a fee to dig in the tailings, dig in the opal bearing clay on the virgin wall, or buy their opals direct from claim owners and millsites in the valley.

About 20 million years ago, this area was forested, and received over 50 inches of rain annually. Ancient trees were buried in volcanic ash from eruptions that occurred 12 to 20 million years ago. As the limbs from trees disintegrated in the ground, they left hollow casts which were later filled with a silica solution, as hydrothermal water flows percolated through the ash layer.

Black Fire - this is the most rare of all the types of opals from the Virgin Valley. And, it's what the Virgin Valley is famous for. By

Educational Program for June 11, 2019

Two for One!



A Short Film about Camp Paradise — and —

**Jim Hutchings talks about opal:
the stone, the legend, the history
and why it does what it does!**

Inside this issue:

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some accounts, this area is really the only place in the world that produces true black fire opal.



Excerpted from scottsrocks.com/scotts-blog/64-precious-opal-from-the-virgin-valley

**MINUTES FOR ROSEVILLE ROCK ROLLERS
EDUCATIONAL MEETING MAY 14, 2019**

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

Flag Salute.

Introductions by Guests.

Present: Members, 53+, Juniors, 2, and Guests, 8.

Juniors' Activities – Carole Kowalik reported 2 Juniors were in attendance. They studied the 3 types of rocks, made a chart and a small box. For the June meeting, Jim Hutchings will be the instructor.

Sunshine – a sympathy card was sent to Tina Campbell and Jan Kessler.

Treasurer – Terry Yoschak reported the Society's financial records for 2018 were audited and all was found to be in good order. Thanks to Kim Fiala for doing this.

Secretary/Membership – Florence Brady reported 243 members.

CFMS Director – Mike Hunerlach was absent.

Field Trips – Gene Doyle reported on the Topaz Mt. & Dugway field trips, the field trip to the Stifle Claim and the upcoming get together at Virgin Valley over Memorial weekend.

Librarian/Historian – Karla Shannon reported she has added 3 books to the library which had been donated by Society members. These include the "50 year History of the Tucson Show" written by Bob Jones and donated by JR Evans.

Drawings - winners were: Member, Carla LaFave; Junior, Mia Wittmeyer and Guest, Jerry LaFave.

Show – Terry Yoschak reported on the profit made at this year's show (slightly more than last year).

Lapidary Shop –Chair, Denise Coyne, reported the cost for cutting a slab on either the 18" or 24" saw will be \$2 per cut slab. Thanks to Vern Deck, Duncan Penman and Jim Hutchings for their work on the saws and equipment.

Lapidary Classes – Cathy Nelson reported on the (3) classes to be given by George Comas on opal. Refer to the monthly bulletin or e-mails for class offerings. No further classes on silversmithing or wirewrapping.

Refreshments – need signups for the June Ed. Mtg.

Old Business – Glenn explained the scholarship to be offered to an RRR member for a week at the CFMS Earth Science Camp Paradise.

New Business – Monterey Bay Jade Festival will be June 7-9 in Monterey. Info will be in June bulletin.

General Announcements – see bulletin for shows and field trips.

Program – Charles Dailey, retired instructor at Sierra College, gave a presentation on meteorites.

Adjournment – meeting was adjourned at 8:25 p.m.

**MINUTES FOR ROSEVILLE ROCK ROLLERS
BOARD MEETING MAY 14, 2019**

Call to Order – at 8:27 p.m. by President Glenn Fiala.

Present – 10 officers, a quorum was present.

Membership Applications – a motion was MSA to approve the membership applications for: Joseph & Jennifer Brockman; Mark & Lee Feuerstein; Cayde Poley and Marla Star.

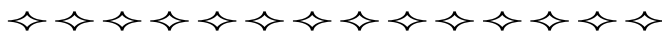
Mineral Oil – 50 gallons of mineral oil are needed. A motion was made to purchase 50 gallons of mineral oil for a cost of up to \$800. Arrangements will be made to pick this up and it will be stored at Vern Deck's house. Members can buy it via the gallon.

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

Respectfully submitted,
Florence Brady, RRR Secretary

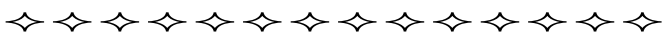
**MINUTES FOR ROSEVILLE ROCK ROLLERS
BOARD MEETING MAY 28, 2019**

This meeting has not occurred in time for publication in this month's bulletin.



June Board Meeting

The meeting will be held Tuesday, June 25 at 7:00 PM in the club Lapidary Shop at the Fairgrounds.

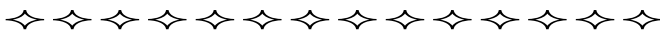


June Refreshments

Refreshments for the June 11 Educational meeting are to be provided by Kim & Glenn Fiala, Carla LaFave, Rob Nichols and Marla Star. Thank you all in advance!

We could use more volunteers to bring refreshments at this meeting!

The refreshment sign-up sheet is at the entrance, on the Greeter's table.



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 \$298.



Sunshine

Sympathy cards were sent to Tina Campbell, whose mother passed away, and to Jan Kessler, whose daughter Shalyn passed away.

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



Rookie Rock Roller News

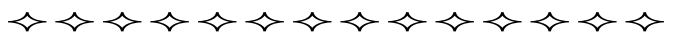


The Rookies will meet at the lapidary shop on 200 Corporation Yard Rd. at 5:30 p.m. on June 11, 2019. At our last meeting we met at the Maidu Center and learned about the three types of rocks. We created a chart showing all three types and some of their characteristics. We cut out pictures of samples for our chart. For the fun activity, we built mini crates from a set of wood cutouts and were to glue mini rocks in each. That project did not go as well as planned. Wrong glue type. One day we will try a do-over. It was fun (frustrating) trying it out.

At the meeting in June, I will be up in the ferns of Humboldt County camping. However, Jim Hutchings will provide the fun at the meeting. This has always been one of the most popular activities Rookies do. He will provide thunder eggs (geodes) for the Juniors to choose from. He will use his saw to open them up. Some are duds and other turn out to have wonderful crystals inside. If we beg him, maybe he will open a few extras to trade or save for those of you who cannot make it that day.

Summer is a great time to get with me to work on badges. I will be retired in August which opens up many more days you can choose. Let me know if you are interested. We can meet just about anywhere you want. See you at the meeting,

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



Please register with Denise Coyne for these classes. Her contact information is: 714-393-0006 cell, email: dedoodads@gmail.com

Each class will be limited to 6 students. The cost for each class will be \$25.00 (which includes the \$5.00 shop fee).

There will be a second series of these classes starting in July.

Introduction to Opals, Class 1, June 13, 2019, 6 - 9 PM

(Continued on page 4)

LAPIDARY SHOP NEWS

The Lapidary Shop is really hopping on Monday and Wednesday evenings. Seeing the beautiful cabs being created is so much fun. Remember that Jim Hutchings is in the Shop on Monday evenings for Mineral Identification.

Thank you to Kimberley Andrews for the donation of the slabs and rocks. We will put them to very good use.

Due to the cost of keeping the 18 inch and the 24 inch saws working, we have increased the per slab price to \$2.00. Club Members still must be signed off by an Instructor to use these saws.

— Denise Coyne

Lapidary Classes

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. 10-2 pm at the Lapidary Shop.

A Series of Opal Classes!

To sign up, please contact Denise Coyne, information listed below.

Our George Comas is going to teach a series of classes on opals at RRR's Lapidary Shop at 200 Corporation Yard Rd., Roseville. These classes are hands on cutting and polishing of common opals to learn the techniques. The classes are open to those who had some cabbing experience and have made at least 2 cabs in our lapidary class. To take class 2 and 3 you must take class 1 first. The description of each class is below.

Lapidary Classes, cont'd

We start with an introduction to opals as a broad subject. Then we will discuss the different types of opals, and why they need to be handled differently.

We follow up discussing the different cutting methods that are needed by the different types of opals. We will take feedback from the students about what they want to learn. There will be hands on cutting of common opal (furnished by the instructor).

Opals, Class 2, June 27, 2019, 6 to 9 PM

We will discuss Australian Opals, Precious Opals, and Boulder Opals. Discussion will include heat, moisture and handling and cutting. There will be hands on cutting of your own material or common opal that is furnished by the instructor.

Opals, Class 3, July 11, 2019, 6 to 9 PM

We will discuss Honduran opals and American opals which includes the Mexican, Oregon and Virgin Valley opals. The discussion will cover handling and how to cut these opals. There will be hands on cutting of your own material or common opal that is furnished by the instructor.

The first series of opal classes are filled!

Due to popular demand, George will be offering another series of classes. Information is below, please contact Denise if interested.

Members can sign up as an alternate (just in case someone cancels) and for the new classes starting July 25th. **The dates for the second series are: July 25th, August 8th and August 22nd.** As with the first series, the July 25th class is a prerequisite to the August 8th and 22nd classes.

Each class will be limited to 6 students. The cost for each class will be \$25.00 (which includes the \$5.00 shop fee).

The 2nd series of classes for July and August are filled. A wait list has been created.


Contact Denise Coyne: 714-393-0006 cell, email: dedoodads@gmail.com

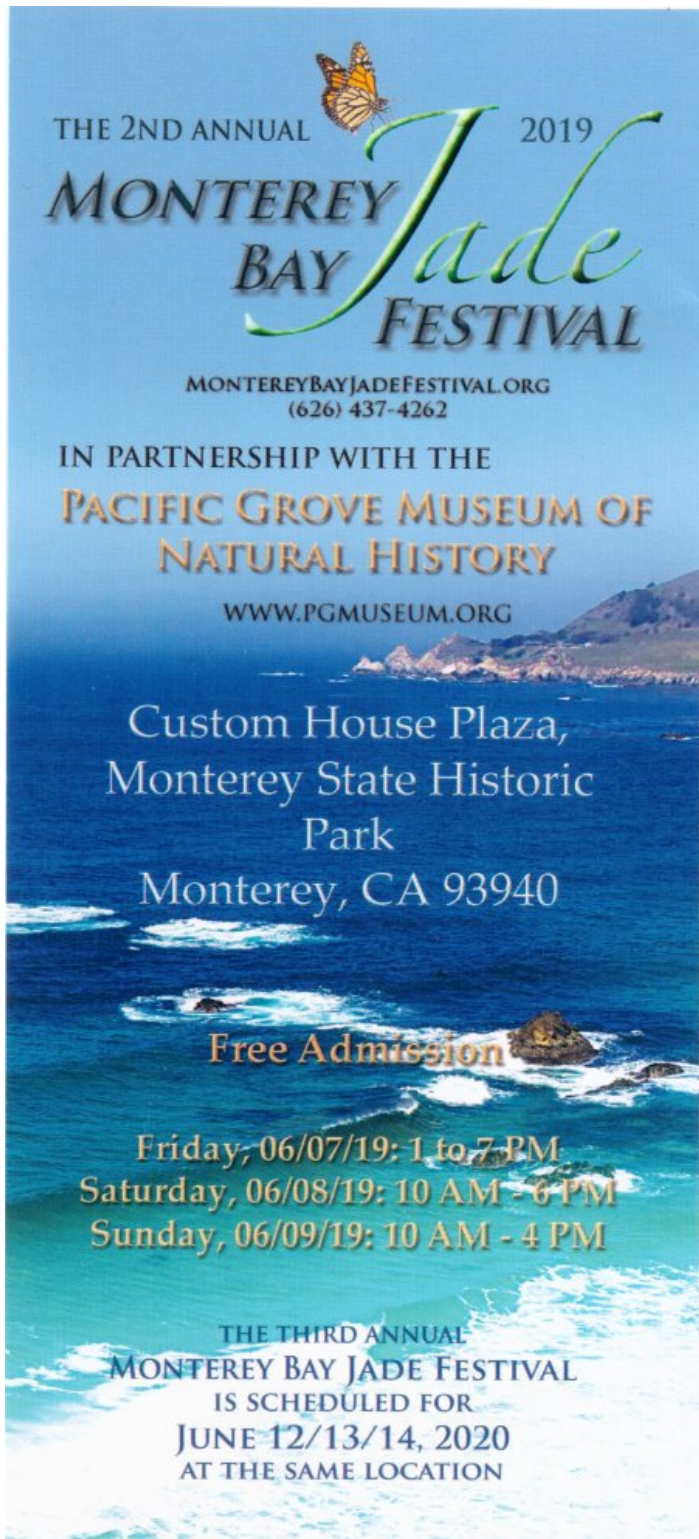


June Calendar

Birthstone: Pearl



Sun	Mon	Tues	Weds	Thurs	Fri	Sat
For more class information, contact Class Coordinator: Cathy Nelson (925) 321-2024 Email: canelson2@netscape.net						1
2	3 Crafty Day 10-2 Lapidary Shop 5:00-9:00 pm Mineral ID	4	5 Lapidary Shop 5:00-9:00 pm	6	7	8
9	10 Lapidary Shop 5:00-9:00 pm Mineral ID	11 Meetings: Rookies 5:30 pm Club 7:00 pm	12 Lapidary Shop 5:00-9:00 pm	13	14	15
16 	17 Crafty Day 10-2 Lapidary Shop 5:00-9:00 pm Mineral ID	18	19 Lapidary Shop 5:00-9:00 pm	20	21	22
23 / 30	24 Lapidary Shop 5:00-9:00 pm Mineral ID	25 Board Meeting 7:00 pm	26 Lapidary Shop 5:00-9:00 pm	27	28	29



For more up-to-date information, there is a public group on Facebook. You don't have to be a Facebook member to view this:

<https://www.facebook.com/groups/133325987297400/>

This is really is a great event for jade lovers. And the setting can't be beat - Customs House State Historical Park Plaza with the wharf adjacent where there's plenty of seafood and atmosphere.

Win a Week-long Trip to Camp Paradise!

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 11th educational meeting.

Further information on the earth science camp can be found on the CFMS website: <http://www.cfmsinc.org/ESSStudies/ESSoverview.htm>

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

Interested members are to fill out the form below or get one at the upcoming meetings, on May 14th and June 11th. The drawing for the winner will be held during the June 11th meeting. Four (4) further names will be drawn, with a wait list created for the 2nd - 5th names, in the order so drawn.

**CONTEST FOR CAMP PARADISE -
\$405 SCHOLARSHIP
CFMS LAPIARY 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 Aug. 25 – Aug. 31, 2019 or
Week 2 Sept. 1 – Sept. 7, 2019**

Name

Phone #

Email

Return this form to either the May 14th or June 11th Education Meetings. Drawing will be at the June 11th Ed. Mtg. 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.

Upcoming Northern California Shows

August 3 - 4: SAN FRANCISCO, CA

San Francisco Gem & Mineral Society
San Francisco County Fair Building
9th Avenue & Lincoln Way, Golden Gate Park
Hours: Sat. 10 - 6; Sun. 10 - 5
Contact: Ellen Nott
Email: ellen_nott@yahoo.com, Website: sfgms.org

September 21 - 22: CHICO, CA

Feather River Lapidary & Mineral Society
Silver Dollar Fairgrounds, 2357 Fair Street
Hours: Sat 9:30 - 5; Sun 9:30 - 4
Lori Millard, (530) 533-2968
Email: lorimillard58@yahoo.com
Website: www.featherriverrocks.org

September 21 - 22: MONTEREY, CA

Carmel Valley Gem & Mineral Society
Monterey Fairgrounds, 2004 Fairgrounds Road
Hours: 10 - 5 daily
Contact: Janis Rovetti, (831) 372-1311
Email: janis12@sbcglobal.net
Website: cvgms.rocks

September 28 - 29: LODI, CA

Stockton Lapidary & Mineral Club
Lodi Grape Festival Grounds, 413 East Lockford Street
Hours: 10 - 5 daily
Contact: Mike Mathis, (510) 301-3612
Email: mmathis@nwp.org
Website: stocktonlapidary.org

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: eldoradorocks.org

October 19 - 20: SANTA ROSA, CA

Santa Rosa Mineral & Gem Society
The Veterans Memorial, 1351 Maple Avenue
Hours: Sat 10 - 6; Sun 10 - 5
Contact: Jolene Coon, (707) 849-9551
Website: jolene4srmgs@gmail.com, Website: srmgs.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

Co-Op and Other Field Trips

June 1	Virgin Valley NV. El Dorado G & M for Opal & Pet wood. Contact: Fred Ott 530-558-5387, fred@fredott.net
June 8	Spider Mine CA. San Francisco G & M NBFT for Rhodonite. Contact: Stan Bogosian 408-568-2489 sbogosian@aol.com
June 11-16	Numerous Spots in Central Oregon originating from Bend OR to include attending the Prineville OR. Pow Wow. Sacramento Mineral Society and Motherlode Mineral Society. Contact: Gina Malcolm (SMS) animal-nurse668@outlook.com 707-685-4006



Sierra College Museum of Natural History Events

Below (June 1st) is information on one of two dates that the Museum of Natural History at Sierra College will be open for tours and viewing.

The second date is July 13 when Charles Dailey will be there to give a tour and information for a field trip sponsored by Fossils for Fun.

FREE First Saturdays at the Museum: A Fool's Gold: Mining in Northern California

June 1, 10:00 a.m. to noon. Free admission.

Rocklin Campus S (Sewell Hall, Science Museum)
5100 Sierra College Blvd., Rocklin, CA 95677

Use West Entrance -5000 Rocklin Rd. Rocklin, CA
(A map is on the Sierra College Campus website.)
Sponsored by: Sierra College Natural History Museum

For more information: <http://www.sierracollege.edu/about-us/beyond-the-classroom/nat-hist-museum/index.php>



The Museum will be open for all to walk around to see the exhibits.

Florence Brady, RRR Secretary

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 2019



the
**ROLLIN'
ROCK**

ROSEVILLE ROCK ROLLERS, INC.



MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES
MEMBER, AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES
VOL. 60 NO. 6 JUNE 2019

EDUCATIONAL MEETING 2ND TUESDAY OF EACH MONTH, 7:00 PM
EXECUTIVE BOARD MEETING 4TH 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