



From the President's Pen

While for many of us this shelter in place is beginning to make us a bit stir crazy, there are some really cool things happening geologically; maybe even be considered a Silver Lining!

It was noticed in a short order that the overall air pollution was drastically reduced across the world. Take China, a month after their shut-down the overall air pollution was reduced by 25%. In New Delhi, India there are images of a once busy city street that one cannot see greater than a block distance. Today one can clearly see greater than the block and blue skies. A place closer to home for us all is Los Angeles, CA, where there are radiant blue skies rarely seen in the city.

Another geological bonus is due to the entire world population sheltering in place, human movement has reduced and therefore the noise we create has also reduced. This may not be clearly evident for many of us, but to seismologists this is allowing them to perform testing and measurements never before capable of being done. So seismologists are now capable of tracking smaller magnitude earthquakes with more accuracy, and measure volcanic activity that was previously drowned out by the seismic noise. The outcome of this may, or may not be beneficial but it is very interesting in the least.

So take this time to clean up your specimens, find out you have fifteen of the same specimen and perhaps consider getting rid of a few of those. Or, get out there and clean up your rock pile that has been collected from all of those field trips and start cherry picking the best ones. This way you can thin out the herd and when you go out to collect more you will not feel so guilty about the six foot tall pile of rock in your back yard!

Take care everyone,

—Glenn Fiala

**Educational Program
May 12, 2020**

Has been cancelled

EDITOR'S NOTE:

The bulletin will continue to be issued monthly as long as there is news to get out to club members! Issues may be shorter than normal.

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Vice President's Corner



Hello everyone!

For those of you still out and about doing essential jobs... THANK YOU!!! And Please Stay Well!

For everyone stuck at home, I hope you are finding ways to have fun. This picture of my husband Allen and I at Snoqualmie Falls in Washington brings back wonderful memories of a sweet trip. We enjoyed fabulous scenery, the city of Seattle, the Cascades Raptor Center in Eugene. I even managed to sneak in a bit of rockhounding along the way. Here at the Falls, we were struggling to take a selfie, when a man offered to take our picture. Thank you kind stranger!

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Since we can't have an educational meeting until at least June, I would suggest a couple of RRR-related activities that you can do at home: (Anything to get away from those graphs, numbers, and scary stories, right?!)

1. Look for a special something that you can donate to the "greatest auction in the history of RRR" to celebrate that we are back together! This auction is currently scheduled for September, but it's never too early to look for those special items. If you're like me, it can be hard to find just what you're looking for at the last minute. Besides, now that you have time to explore your collections, you may dig up some treasures that you have long forgotten! Here are some ideas:
 - A special rock, garden rock, box, basket or jar of rocks
 - A string of stone beads or other piece of jewelry
 - A gem or mineral
 - Books/magazines about rocks, gems, minerals, lapidary techniques, etc.
 - Rockhounding/lapidary tools or supplies
 - Something special just for the Rookie Rock Rollers.
2. Think about a display case you would like to do for our rescheduled show. If you need any advice, feel free to send me a note.
3. Go through your old field trip pictures and enjoy the memories! And if you feel like it, send me a picture and a little story about it. Lsummersb@comcast.net.
4. Reorganize, dust, or wash your rock and mineral collections, and make sure as many as possible have complete labels.
5. If you find a rock or mineral that makes you think of an interesting story, write it up, and attach it to your specimen (with a date, of course.) This will make it more valuable, interesting, and cherished by its future owners.
6. If you feel like it, send me a picture of yourself and/or specimen, along with a little story. I'd love that!

In the meantime, STAY Healthy!!!

— Lindy Summers-Bair



MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING APRIL 28, 2020

The meeting could not be conducted with the Board members together due to the government restrictions which involved the cancelling of meetings due to the Coronavirus pandemic. Therefore, Board Officers reported via e-mail information pertinent to their position.

Call to Order via e-mailing reports.

Roll Call – e-mail sign in by Board Officers.

Minutes: Secretary - Florence Changes/Approval of minutes for Board Mtg. March 24, 2020 to be approved at next regularly scheduled meeting.

MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING APRIL 28, 2020 (cont'd)

Treasurer: Bills -Terry Yoschak – no bills received.

Correspondence: Secretary – Florence – none received.

Membership: Secretary - Florence - membership update. Holding at 225.

Vice President: Lindy Summers-Bair - It is not yet possible to plan speakers or programs for the educational meetings. When Governor Newsome gives the go-ahead for meetings of more than 10 people, we will try to plug in the programs we have missed up to that point, including Gene Doyle's presentation of Camp Paradise, and the Rookie Rock Roller's presentations. I can also do Part II of my Mineral Collecting presentation.

Librarian – Historian: Karla Shannon reported she continues to add new books to the library inventory, including ones from club members and Dorothy Haemer. Mrs. Haemer made a generous donation of 24 books and 11 pamphlets and magazines, on behalf of her husband, Eric J. Haemer.

Bulletin/Website: Terry - Deadline for bulletin: Friday, May 1st.

Field Trips: Gene Doyle - upcoming field trip to Stifle Claim May 9th, changed to June 20th. New field trip to Bear River, June 14th.

Federation Director: Mike Hunerlach – no report.

Lapidary Classes: Cathy Nelson – Due to the current pandemic, all lapidary classes were canceled. I will post new classes as soon as they are scheduled. However, I do not have any estimated timeline on scheduling them.

Show Chair: Jim H. – we are awaiting Fairgrounds input and will report to the Society through separate email after May 1st.

Lapidary Shop: Denise Coyne – reported she put the panels Jim H. made into the windows, since it's getting hot again and turned up the air conditioning. Just need to wait until we find out when we can open back up. Before we can open, she would like to get in, to clean up around the shop. Organize the rocks (outside), inside is good! The weeds have taken off again, she will contact Debra Horner who volunteered to whack them last time. And if we have the show she needs to meet with Gene about the rocks for the show. The rocks in the back of the shop were not even looked at.

Directors:

1 Year: Renee' Hunerlach – no report.

Martha Nichols – no report.

2 Year: Cathy Nelson, see Lapidary Classes.

Denise Coyne - see above for Lapidary Shop.

Juniors: Carole Kowalik – there will be no Juniors' meeting in May.

Old Business – none

New Business – Entry forms for Camp Paradise Scholarship will be developed. To be determined, is how members will receive this form (? in May/June bulletin) and how it will be returned. When will the drawings be done for the winner(s).

Next Bd. Mtg. – May 26, 2020, day after Memorial Day !

Adjournment – via e-mail reporting.

Respectfully submitted,

Florence Brady, RRR Secretary

Proposed RRR Field Trips 2020



RESCHEDULED: Topaz Mountain near Delta, UT October 1st thru 4th.

For the people that signed up for the Blast after the Field Trip the new date is on the 5th of October. There is currently one opening for the first set 8 people. I do have instructions on how to add extra individuals to our group if more people want to do the blast. My limit would be 16 people total. You will have to pay the \$80 per person by September 1 and the money is not refundable.

RESCHEDULED: Stifle claim near Georgetown, June 20th

COLLECTION MATERIAL: We will be looking for vesuvianite, clinocllore, and grossular garnets.

Gold panning Bear River Park near Colfax, June 14th.
COLLECTION MATERIAL: Gold, Chinese Writing Rock, Carnelian, Quartz.

Chinese Writing Rock, 12 mi. from Soda Springs, July 12th.

COLLECTION MATERIAL: We will be looking for Chinese writing rock (porphyry) with large white crystals in black rock.

Crystal Mine near Verdi, August 22nd.

COLLECTION MATERIAL: We will be looking for high quality quartz crystals.

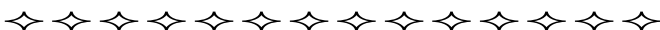
Garnet Hill near Ham's Station, September 20th.

COLLECTION MATERIAL: We will be looking for garnet crystals and epidote.

Black Butte Lake near Orland, October 11th.

COLLECTION MATERIAL: We will be looking for large multicolor Jasper.

PLEASE CONTACT the RRR Field Trip Coordinator Gene Doyle if you are interested in any upcoming trip.
eugene.doyle@sbcglobal.net, (408) 605-9457 cell



Show News

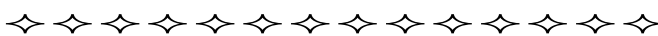
As of the bulletin deadline, we are still not positive that the Grounds will be able to support any events at their facility. However, there are a lot of political forces at work, as there should be!

Placer County has dropped their orders on all restrictions. The only thing left are the state orders. We shall wait this out, until we here from the Grounds Management team.

As soon as we hear, we will get the word to you!

— Jim Hutchings, Show Chair

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



We can't get together in May, but if anyone is interested in earning badges, call me, text me or use email.

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

Meanwhile!!

Diamond Dan Publications is pleased to present an expanded "Mini Miners Monthly" issue with a brand new coloring book and many pages of hands-on activities for young mineral enthusiasts.

You have our permission, and encouragement, to share this issue with anyone you can. Pass it around. Email it to all your family and friends. Email it to your teachers and invite them to email it to their students.

During this coronavirus "stay at home" season, this may be a small source of enjoyment and help make the time at home meaningful. Go to this link:

www.rockrollers.com/documents/DiamondDan12-04.pdf

Best wishes of very good health for everyone!

Blessings

Darryl, aka Diamond Dan



LAPIDARY SHOP NEWS



The shop will be closed until further notice.

—Denise Coyne

May's Birthstone—Emerald

Emerald Replaced Gastropod

Four years ago there appeared in Colombia an unusual emerald in the form of a seashell. It was a mere 2 carats and of lower quality but, if genuine, would be of considerable importance in explaining the origin of emeralds from Colombia. It was unequaled as a rarity or a curiosity; however, being the only one known to exist, it was felt to be just too much of a freak occurrence to be significant scientifically. Recently however, three more emerald seashells have appeared, giving validity to the first one and providing, along with some broken pieces, the basis for a preliminary study.

These emeralds are properly called emerald replaced gastropods. In the mineral kingdom it happens that the unit cells of a gem or mineral get petrified in the form of an organic material. Microscopic examination reveals that the emerald gastropod formation was one of carbonate destructive replacement; a molecule by molecule replacement of the grains of the shell structure by molecules, or unit cells, of emerald.

On the 2-carat gastropod pseudomorph the crystallization started at the outside of the seashell and proceeded inside. At the outside of the seashell the grains of crystallization are very fine or microcrystalline. Then, as the environment for the crystallization stabilized, the crystals got grainier, or larger. The crystals resulting

from this druze effect are an unusual 1/4 millimeter in size on the inside part of the shell.

According to geologists familiar with the Colombian mining region, the existence of these emerald gastropods



clearly establishes the low temperature mineralization of the Colombian emerald. This is consistent with some of the newer theories of Colombian emerald mineralization as opposed to the high temperature metamorphic formation of most other emerald localities.

Thanks to paleontologist Diana Gutierrez of INGEOMINAS for the fossil identification. Anthony Mariano, Ph.D. supplied info on the albited fossils from the Gachala region of Colombia. Geologist William Rohert identified the druze effect in the first gastropod.

From Tips & Chips 9/02 via Strata Gem 4/04



May Calendar

Birthstone: Emerald



Sun	Mon	Tues	Weds	Thurs	Fri	Sat
The current series of classes have been cancelled until groups/ gatherings are allowed again. For other questions, contact : Cathy Nelson (925) 321-2024 Email: canelson2@netscape.net					1	2
3	4 Shop Closed	5	6 Shop Closed	7	8	9
10 	11 Shop Closed	12 Meetings: Cancelled	13 Shop Closed	14	15	16
17	18 Shop Closed	19	20 Shop Closed	21	22	23
24 / 31	25 Shop Closed 	26 Board Meeting: To be held online	27 Shop Closed	28	29	30

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

Send exchange bulletins to
above address

*** First Class Mail ***



May 2020



the
**ROLLIN'
ROCK**

ROSEVILLE ROCK ROLLERS, INC.



MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES
MEMBER, AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES
VOL. 61 NO. 5 MAY 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