



Visitors Welcome!

Providence Mountains Monday, September 10, 2018 @ 7:30 pm

The **CULVER CITY ROCK & MINERAL CLUB**, located in Culver City, California, brings together persons interested in the earth sciences to engage in research and study, to assist members in the collection and preservation of rocks and minerals and in the study of lapidary and related arts.



An illustrated presentation by Geologist John Cook on Providence Mountains' Geologic History, Paleozoic Fossils, Mineral Resources and Mining

Located between I-15 and I-40 freeways lies one of the most significant geologic areas in the Mojave Desert. The Providence Mountains are about 11 miles long and 3 miles at the widest point, lying within the 1.6 million acre Mojave National Preserve. The Kelso Valley floor is about 1,950 feet above sea level and the top of Mount Edgar rises to nearly 7,000 feet.

There are many abandoned mines in the Providence Mountains, which include the Vulcan Iron Mine, Bonanza King Gold Mine, Petrified Wood, fossiliferous Latham Shale and Mitchell Limestone Caverns. The Providence Mountains records about 1.5 billion years of earth's history.

John's talk will focus on the rich mineral deposits and unique fossils found in the Providence Mountains.

John Cook is a California based, professional geologist. Over the past 20 years, he has worked in the mining, geotechnical and environmental industries. John is the 1st vice president programs director for the Ventura Gem and Mineral Society. He is one of three shop stewards and specializes in lapidary arts, teaching, making cabochons and jewelry, and maintaining polishing machines. He leads field trips to local deserts. He has spent many years mapping the Providence Mountains, collecting fossils, and mineral specimens, prior to the area becoming a designated National Scenic Area.

Providence Mountains
Monday, Sept. 10 @ 7:30 pm

Veterans Memorial Multipurpose Room

4117 Overland Ave., Culver City

The Multipurpose Room is in the rear SW corner of the building, next to the park.

FREE admission
FREE parking

PRESIDENT'S MESSAGE

Our summer picnic went beautifully. Kudos go to Laura Seffer and Mary Ellen Shaffer for organizing all the food (a wonderful spread of food and desserts that kept everyone happy) and to Steve Dover for organizing the silent auction that filled three full tables of specimens, tools and equipment to bid on. It was fun time with fierce bidding on a couple of the items! Thanks to all who helped make the event so successful.

I have asked Alexa Hunter to put together a slate of candidates for Club officers in 2019. The list will be in the October Nugget, and balloting will be at the November meeting. If you have an interest in helping the Club on any of our standing committees next year, please get in touch with Alexa at lexyhunter@aol.com.

Finally, with fall in the air I'm encouraged the Club can get out on a few field trips. Eyra Lucas and Devon Lloyd have started to plan some trips. If there is a place you've heard of that sounds interesting, or if you have any "ins" with a miner or land owner, please contact me at brad@greenheart.com.

Ken Rogers
Program Chair

Brad Smith
President

Annual Member Club Picnic and Silent Auction

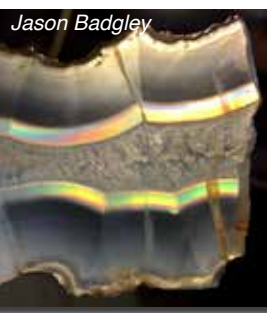




Jason Badgley

AUGUST 13 PROGRAM REPORT

Jason Badgley, from the Pasadena Lapidary Society and Del Air California Agate Gallery, discussed iris agates. Iris agates were first observed in 1933 by Fred S. Young, publisher of the Oregon Mineralogist. These are agates which thin section shows spectral colors when viewed in transmitted light. Iris agates are banded; bands are made of stacked prisms, which causes the rainbow effect. Crystals are tightly packed. The bands can have different widths, causing variances in the rainbow effect.



Jason Badgley

Iris agates are usually associated with “turtleneck” type of chalcedony crystallization and have a quartz center. Jason showed images of specimens from California, Tennessee and Brazil, which displayed various different types of patterns such as veins, nodules and triangular nodules.

Jason explained that iris agates should be cut in thin layers, the edges of which are the lines of the diffraction grating that will be at a right angle to the polished surface. The presentation included several videos demonstrating how to cut, grind and polish iris agates. Jason also brought several specimens from his collection to display.

Submitted by
Ana Maria Strambi Guimaraes

SHOP NEWS

Necessity is the Mother of Invention

When Club member Darren Cokin found that it was difficult and tedious to make what I call his “female hourglass” stems for some of his stone pipes, he put his engineering and extensive technical knowledge to work.

He found a type of industrial diamond bur that could be mounted in the center of a flat-lap. To facilitate water being sprayed on the bur, and avoid being soaked by the spray, he created a dome that is directing the spray and keeping him dry while shaping with his hands inside the dome.



Darren will be more than happy to demonstrate his invention to you.

If you have created something that makes your lapidary work easier, let us know so we can feature it here in the Nugget.

Submitted by
Jette Sorensen

WELCOME NEW MEMBERS

- Fred Church
- Lorraine Perez
- Megan Hersman
- Michael Buso

Jewelry Classes

Beginner to Advanced

Venice Metal Arts
18 N. Venice Blvd.
Venice CA

Day and Evening Sessions

email: VeniceJewelry@yahoo.com
phone: (424) 645-2150

SEPTEMBER BIRTHDAYS



- | | |
|----------------|------|
| Laura Seffer | 9/1 |
| Jon Gowling | 9/3 |
| Sergio Serna | 9/5 |
| Mary Stambaugh | 9/9 |
| Fred Church | 9/21 |

Contact Us:
Culver City Rock & Mineral Club
(310) 836-4611
P.O. Box 3324, Culver City, CA 90231

- culvercityrocks.org
- [facebook.com/CCRMC](https://www.facebook.com/CCRMC)
- [instagram.com/culvercityrocks/](https://www.instagram.com/culvercityrocks/)
- twitter.com/culvercityrocks
- <https://groups.yahoo.com/neo/groups/CCRMC/info>

September 15 - 16: CHICO, CA

Feather River Lapidary & Mineral Society
Silver Dollar Fairgrounds
2357 Fair Street
Sat 9:30 am - 5 pm; Sun 9:30 am - 4 pm
www.featherriverrocks.org

September 15 - 16: MONTEREY, CA

Carmel Valley Gem & Mineral Society
Monterey County Fairgrounds
2004 Fairgrounds Road
10 am - 5 pm daily
www.cvgms.org

September 15 - 16: REDWOOD CITY, CA

Sequoia Gem & Mineral Society
Community Activities Building
1400 Roosevelt Avenue
10 am - 5 pm daily
www.sequoiaagemandmineralsociety.org

September 22 - 23: LODI, CA

Stockton Lapidary & Mineral Club
Lodi Grape Festival Grounds
413 East Lockford Street
10 am - 5 pm daily
www.stocktonlapidary.com

October 6: BORON, CA

Mojave Mineralogical Society
Boron Community Center
26998 John Street
9 am - 4 pm daily
Contact: Bruce Davies, (760) 338-8829
Email: daviesb@yahoo.com

October 6 - 7: GRASS VALLEY, CA

Nevada County Gem & Mineral Society
Nevada County Fairgrounds, 11228 McCourtney Rd
10 am - 5 pm daily
www.ncgms.org

The Nugget, a publication of Culver City Rock & Mineral Club

October 6 - 7: VISTA, CA

Vista Gem & Mineral Society
Antique Gas & Steam Engine Museum
2040 North Santa Fe Avenue
10 am - 4 pm daily
www.vistarocks.org

October 13 - 14: LOS ALTOS, CA

Peninsula Gem & Geology Society
Los Altos Youth Center
One North San Antonio Road
10 am - 5 pm daily
www.pggs.org

October 13 - 14: TRONA, CA

Searles Lake Gem & Mineral Society
Gem Show Building, 13337 Main Street
Sat 7:30 am - 5 pm; Sun 7:30 am - 4 pm
www1.iwvisp.com/tronagemclub

October 14: FALLBROOK, CA

Fallbrook Gem & Mineral Society
Fallbrook Gem & Mineral Museum
123 West Alvarado Street
9 am - 4 pm
www.fgms.orgnds

AUGUST 13 GENERAL MEETING

The meeting was called to order at 7:29 pm by President Brad Smith.

The Pledge of Allegiance was made. A quorum was not initially established, thus approval of the July Meeting minutes was delayed.

Guests were introduced.

The following reports were provided:

Brad Smith reminded of the summer picnic on 8/18/18 and details are in The Nugget. He indicated donations for the silent auction were needed.

Ken Rogers announced that the September program would be a lecture about Providence Mountains by geologist John Cook, 1st vice president programs director of the Ventura Gem and Mineral Society. The October program has not yet been determined; Ken asked members to provide suggestions and indicate their interests. The November program would be a lecture about how members could set up their own website.

Brad Smith informed that the Club Bylaws were being modified and that proposed changes would be presented

to the membership in September for voting in October. Brad asked for a volunteer to merge and format the by-laws documents.

Brad Smith informed that Alexa Hunter was the Nomination committee Chair for the 2019 Board Slate.

Brad Smith announced that volunteers were needed to resume the Club's field trips.

Jette Sorensen indicated that there was interest from members in resuming the Workshops. More information will be coming soon.

Stephanie Dangott informed that members who had joined the Club between January and June could pick up their badges at the Shop.

A quorum was established and the July General Meeting Minutes were approved as read in the August Nugget.

The meeting adjourned at 7:49 pm.

Submitted by
Ana M. Strambi Guimaraes

Those present: Stephanie Dangott, Steve Dover, Alexa Hunter, Darrell Robb, Ken Rogers, Mary Ellen Shaffer, Rick Shaffer, Brad Smith, Jette Sorensen.

Meeting called to order by President Brad Smith at 6:47 pm.

Bylaws Committee Report - Rick Shaffer indicated all proposed changes had been accepted, except one related to a requirement for members to work at the show, to be implemented via a modification of the membership form, which would require signature. The proposed change was modified to read: "members shall work at the show," as opposed to "members must work at the show." Changes were expected to be presented to the Executive Board in a week or two and voted on by the Board by month end, then published in The Nugget for membership in September for general voting in October. Brad Smith indicated help was needed to have the Bylaws merged into one document and formatted.

Field Trips Committee Report - Brad Smith indicated a Field Trip chair was needed.

Shop Committee Report - Brad Smith informed that 55-60 members regularly used the shop. A discussion followed about the need to put up gutters before the rainy season and about improvements in the pipe system.

2019 Executive Board Slate - Alexa Hunter accepted the position of Nomination Committee Chair. Brad Smith indicated that nominees would be announced in October and elections would occur in November.

Program Chair Report - Ken Rogers informed the September program would be a lecture about Providence Mountains. The October program had not yet been defined. The November program would be a lecture about how to build a website.

Treasurer Report - Darrell Robb informed the Club was solvent and that he would research investment options for the cash surplus on the account. A discussion followed about determining the budget for the upcoming months. Mary Ellen Shaffer reminded that it was necessary to

update the signatories for the lock box.

Federation Chair Report - Rick Shaffer suggested that the Club considered making a donation to the Federation's scholarship and endowment funds.

Show Chair Report - Brad Smith reminded that the Club needed to select a charity for donation of the raffle ticket sales proceeds. A discussion followed about the timing of the donation.

Summer Picnic Report - Steve Dover indicated that donations for the silent auction were needed.

The July Executive Meeting Minutes were approved as read in the August Nugget.

The meeting adjourned at 7:26 pm.

Submitted by

Ana Maria Strambi Guimaraes

THE NUGGET

Deadline for submissions is the 15th of every month. Articles or notes without a byline are written by the Editor. Permission to copy is freely given as long as proper credit is noted.

The Nugget accepts paid advertisements. The cost for an eighth of a page (approx. 2" high x 3.5" wide) is \$7 per insertion, payable in advance. Ad location is at the discretion of the Editor. Ads, copy, or business cards must be received by the 10th of the month.

Send materials to:

Culver City Rock and Mineral Club
Attention: Editor
P.O. Box 3324
Culver City, CA 90231

Elected Officers for 2018

President - Brad Smith
Vice President - Steve Dover
Treasurer - Darrell Robb (temporary)
Recording Secretary - Vacant
Corresponding Secretary - Mia Quiles
Historian - Robert Brownlee
Parliamentarian - Johnny Hjorth

Committee Chairs

Education - Alexa Hunter
Federation Director - Rick Shaffer
Field Trips - Eyra Allen-Lucas
Librarian - Andrea Fabian
Membership - Stephanie Dangott
Co-Chair - Jan Ferguson
Minerals Co-Chairs - Eyra Allen-Lucas,
Krista Sawchuck
Photography - Pam Leitner
Programs - Ken Rogers
Publications Co-Chairs:
Barbara Fier and Jan Ferguson
Publicity - Janice Metz
Show - Hellena Jones Elbling
Shop Committee - President,
Vice President, Shop Instructors
Social - Vacant
Co-Chair - Joyce Watanabe
Sunshine - Felice Ganz
Trading Post - Gary Mitchell
Web Master - Jette Sorensen
Workshops - Brad Smith

Board of Directors:

2018

Rick Shaffer - Jette Sorensen

2019

Brad Smith - Grace Sato

2020

Ana M. Strambi Guimaraes - Bruce Mensinger