

CULVER CITY ROCK AND MINERAL CLUB

the NUGGET

NOVEMBER 2017

www.culvercityrocks.org

Members are welcome to
bring a Guest

ANNUAL HOLIDAY PARTY WHITE ELEPHANT EXCHANGE

DECEMBER 11 at 6pm

Multi-purpose Room

Veterans Memorial Complex

Note the location!!

This year, our Annual Holiday Party will be at a different location - the Multi-purpose room at the Veterans Memorial Complex, where we hold our monthly meetings. The Rotary Plaza where we usually party is unavailable due to reconstruction.



The Holiday Party is a pot luck dinner. We supply the protein, you bring a side dish, salad or dessert to share with your fellow Club members.

Whatever you bring should be enough for about eight people.

Also bring whatever (non alcoholic) beverage you want to drink. The club provides water.



If you want to participate in the absolutely hilarious White Elephant Gift Exchange, bring a wrapped "gender neutral"

gift with a value of at least \$10 - the funnier the better. If you bring a gift, you will get a ticket for the drawing. In our exchange, all packages remain wrapped until the last number has been called, so "stealing" is based on the wrapping, size, weight or whatever criteria you set yourself. The drawing starts after the dinner.



See you at the party!

PRESIDENT'S MESSAGE

Greetings and holiday cheer fellow Club Members and rock hounds!

It is that nostalgic time of the season that we look back on the year past and recall the fun meetings, wonderful speakers, the terrific Fiesta of Gems and the camaraderie of our silent auctions, picnic in the park and of course the year-end Holiday Party. The fond memories of time spent with all our members and the opportunities to meet talented speakers, guests with similar interests and the many shows, exhibits, and lectures we all have a chance to visit within such a short distance in Southern California. Each year seems a little shorter and we have so much more to see and discover in the coming years!

To all our volunteers in the Club that keep our mission on course throughout the year...a standing round of applause! Without your tireless effort, none of our meetings or events would happen.

To all our elected officers and all the key committee chairs that continue making this such a fun Club, THANK YOU! You all teach me so much about geology and the lapidary arts that anticipating upcoming meetings and time in the shop remains a joy. I hope everyone enjoyed the presentations of the past year and will give pause sometime at this holiday year-end and reflect on how we can make the Club more fun for everyone. Please consider serving on any of the committees and help lift the burden from those that serve year after year. Everyone does their part out of love and fun; let's all help toward keeping it simple and stress free for all.

I truly look forward to seeing each and every one at the Holiday Party on December 11 right here at the Multi-Purpose Room at the Veterans Memorial Auditorium. For those who are unable to attend, here's wishing you all a joyous holiday season and cheers to a very happy New Year!

I have enjoyed serving you for the past three years, please join me in a heartfelt thank you and warm welcome to Brad Smith as our returning incoming president for 2018!

A Holiday Wish to all that you that you receive many more years to see everything in the world you want to experience.

Darrell Robb
Out-going President

2018 ELECTED OFFICERS

President - Brad Smith
Vice President - Steve Dover
Treasurer - First six months of 2018, Darrell Robb
Recording Secretary - Brandon Fleschner
Corresponding Secretary - Mia Quiles
Historian - Robert Brownlee
Parliamentarian - Johnny Hjorth

2018-2020 BOARD OF DIRECTORS

(2018) Rick Shaffer - Jette Sorensen
(2019) Brad Smith - Grace Sato
(2020) Ana Maria S Guimaraes - Bruce Mensinger

2018 APPOINTED CHAIRS

Education - Alexa Hunter
Federation Director - Rick Shaffer
Field Trips - Scott Silver
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,
Jan Ferguson, Jette Sorensen
Publicity - Janice Metz
Show - Hellena Jones-Elbling
Shop Committee - President, Vice President,
Shop Instructors
Social - VACANT
Sunshine - Felice Ganz
Trading Post - Gary Mitchell
Web Master - Jette Sorensen
Workshops - Jette Sorensen

NOVEMBER PROGRAM REPORT 'FIRE AGATE'

Ken Rogers introduced Jason Utas and his family, who brought several meteorite specimens from their collection for display. Jason is a geochemistry PhD student at UCLA, who hunts and collects meteorites. Jason provided an overview of the texture and composition of different types of meteorites and how geologic pro-



Jason Utas



Peter Utas

cesses affected rocks and minerals in the early solar system. He explained the universe is 13.7 billion years old. The first stars were made of helium and lithium, but as they burned, they made heavier elements and less energy was liberated. Enough heavier elements were generated to form Earth-like planets 8 to 9 billion years

ago. The mix of materials in a nebula can tell us about the stars that came before us. Meteorites are 4.5 billion years old or older; they are a primitive



piece of the solar system. Some meteorites have pre-solar grains, which formed in stars that came before our sun.

Meteorites can also teach us about the

Earth's core. Our knowledge of Earth's core compo-

sition is limited to material expelled from volcanoes, since the Earth's crust alone is forty miles deep, while



the deepest drill reaches only eight miles. The Earth's mantle is formed of dense elements, such as olivine and pyroxene, as heavier materials sink towards the center. All heavy elements on Earth were made in stars 4.5 billion years ago. About 30 percent of Earth is composed of iron, most of it is in its core with only about 5 percent on the crust. Iron meteorites are made of metallic iron and thought to come from planetesimal cores. They can tell us about the chemistry and structure of Earth's core.



Most meteorites come from the asteroid belt and can be distinguished from

Earth's rocks because they are not complex metamorphic rocks such as those found on our planet. They did not undergo complex processes such as plate tectonics or hydrothermal alterations. They also don't have visible layers. However, meteorites without a metal grade rate are very difficult to identify because they are similar to terrestrial igneous rocks. The origin of Mars and lunar meteorites can be determined via analysis of gases trapped within the rock, which can be compared with analyzed samples and atmosphere from Mars and the Moon. They are also much younger than meteorites coming from the asteroid belt.

Submitted by Ana Maria Strambi Guimaraes
Recording Secretary

SHOP NEWS

We are waiting for parts for the 16” saw to be completed. (referred to it as 18” in the November Nugget.) One of the 10” trim saws now has a guide for clamping stones for more precise cuts.

By the time you read this, a small bench drill press will have arrived, so you will be able to drill holes in slabs, small rocks and beads. You can bring your own diamond core drill bits, or you can purchase bits at the shop. We may or may not have the exact size you need, so you might look into purchasing before you arrive. Bit shanks cannot exceed 1/4”.



Here are some links for finding drill bits:

Rio Grande: riogrande.com/search?q=diamond+core+drills&c=&t=1&pageSize=32

Lasco Diamond Products:
lascodiamond.com/LascoProducts-CoreDrills.html



American Lapidary
Wholesalers: amlap.com/alw/power.html

or do a search on “lapidary diamond core drill bits”.

If you plan on drilling a fair amount of material, you might want to look into purchasing “sintered diamond” drill bits. They cost more than diamond coated bits, but last much longer.

Here is a video on how to drill holes: [youtube.com/watch?time_continue=34&v=LDMP-qsZGQ0](https://www.youtube.com/watch?time_continue=34&v=LDMP-qsZGQ0)

When you come to the shop, do not park on the cement in the alley, only on the portion by the shop covered with tar, or in front of the Scout House. One of our members got ticketed for parking on the cement - on a Sunday! The spot in front of the door to the shop is reserved for the instructor.

On behalf of the Shop Committee
Jette Sorensen

WELCOME NEW MEMBERS

*Terry Constant
David Horste
Yvonne Yao*



DECEMBER BIRTHDAYS

<i>Edmondo Coronel</i>	<i>1-Dec</i>
<i>Eyra Allen-Lucas</i>	<i>3-Dec</i>
<i>Robert Willett</i>	<i>3-Dec</i>
<i>Virginia Hollis</i>	<i>6-Dec</i>
<i>Sue Sharp Sullivan</i>	<i>6-Dec</i>
<i>Brian Lallement</i>	<i>7-Dec</i>
<i>Damon Pressman</i>	<i>8-Dec</i>
<i>Yvette Marie Trinh</i>	<i>9-Dec</i>
<i>Douglas Argetta</i>	<i>9-Dec</i>
<i>Ellen Moe</i>	<i>10-Dec</i>
<i>Rosemarie Ihde</i>	<i>14-Dec</i>
<i>Denise Bachman</i>	<i>16-Dec</i>
<i>Darlene Johnson</i>	<i>19-Dec</i>
<i>Andrea Fabian</i>	<i>29-Dec</i>

CCRCM INTERNET PRESENCE

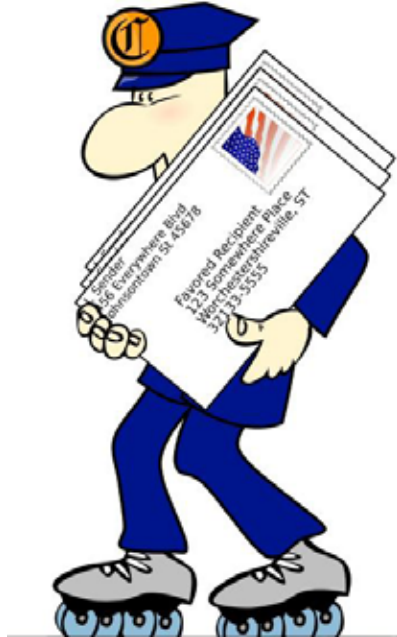
Don't miss out on Culver City Rock & Mineral Club's presence on the Internet for updates, announcements, things that may interest you, or things you may want to post for other members to see.

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

Nugget Hard Copy Change

As with so many other things, the cost of professional hard copy printing has skyrocketed, and when the cost is broken down to per member receiving a hard copy of the Nugget, the cost exceeds the membership dues.

Up to now, we have been creating one high resolution and one internet version of the Nugget. Starting with the January issue, the members who receive the Nugget by mail will get a printed copy of the internet version. Printing will be done "in-house" by a member, thus bypassing the professional printing house. Images in the copy printed this way will not be as sharp as with the internet version, and there will not be the colorful heavy duty cover.



The picture of the postman shows the resolution of the in-house printing.

If you are receiving the hard copy and wish to switch to receive the Nugget via email - and save some trees in the process - please send an email to: nugget@culvercityrocks.org with your name and email address.

DECEMBER WORKSHOPS

FUSING 101: Silver Skinny Stack Rings
Sunday, Dec 17, 9 am – Noon

At CCRMC Shop, Limited to 3 students
CCRMC members only

Fee: \$30 includes all materials (metal: Argentium sterling silver)

Use a micro torch to fuse skinny stack rings, using Argentium Sterling silver. Argentium has a higher pure silver content (935) than regular Sterling (925) and a tarnish resisting alloy. Fusing with Argentium is very different from fusing with Sterling. You will learn the difference, while avoiding the dreaded "fire scale."



To reserve a spot, send an email to: workshops@culvercityrocks.org. You will receive instructions on prepaying your reservation.

Payment must be received by the Thursday before the workshop to guarantee your spot.

After prepayment has been received, you will receive an email with instructions on what tools to bring (if any), what to wear, and other instructions.

Beginning Lapidary workshops will resume in January and we are preparing more and different workshops for the coming year.

If you have a workshop request, send an email to: workshops@culvercityrocks.org.

Mining Supplies & Rock Shop

miningsuppliesandrockshop.com

9565 "C" Ave. Ste. K, Hesperia, CA 92345

760-244-9642

Wed – Sat 10 am - 4 pm

Mining Equipment
Lapidary Equipment
Rough Rock & Slabs
Fossils
Jewelry Making Supplies

Classes & Field Trips
Metal Detectors
Beading Supplies
Hand-Made Jewelry
Gifts, Books & Magazines

EXECUTIVE MEETING MINUTES November 13

Those present: Stephanie Dangott, Steve Dover, Franne Einberg, Jan Ferguson, Felice Ganz, Ana Maria S. Guimaraes, Hellena Jones-Elbling, Bruce Mensinger, Darrell Robb, Ken Rogers, Grace Sato, Brad Smith, Jette Sorensen and Joyce Watanabe.

Meeting called to order by President Darrell Robb at 6:42 pm.

The October Executive Meeting Minutes were approved as read in the November Nugget.

2018 Officers Election - Darrell Robb recommended that the Club considers changing its rules to remove the requirement that president candidates must have served in an elected position for a year. This would increase the pool of qualified candidates. There was a discussion about the positions that remained open in the 2018 Officers Slate; the following was agreed on:

Brad Smith would serve as President provided he receives support.

Stephanie Dangott would take over the Membership Chair from Mr. Smith.

Darrell Robb would take over the Treasurer position temporarily, until a permanent officer can be identified.

Ken Rogers would remain as Programs Chair.

Ana Guimaraes and Bruce Mensinger would return to the Board of Directors in 2020.

Social Chair Grace Sato informed she would need help the first three months of 2018, as she would be unavailable. A request for help was to be made during the General Meeting.

Shop Committee - Ken Rogers proposed to organize a yard sale of shop equipment and tools to free up space. The proposal was accepted and Mr. Rogers agreed to spearhead the effort, to take place in early 2018.

Correspondence Secretary Report - Jan Ferguson informed she was having problems accessing the Club's voice mail.

Show Chair Report - Hellena Jones-Elbling scheduled the next Show Planning meeting for January 13 at 1 pm at the Scout House.

The meeting was adjourned at 7:33 pm.

Submitted by Ana Maria Strambi Guimaraes
Recording Secretary

GENERAL MEETING MINUTES November 13

The meeting was called to order at 7:39 pm by President Darrell Robb.

The Pledge of Allegiance was made and a quorum was established.

Darrell Robb began the meeting by communicating the opening of the Wende Museum and informing members about the Jewel Tunnel event on November 18.

The October General Meeting Minutes published in the November Nugget were approved as read.

The following 2018 Officers Slate was announced and elected by the membership via a show of hands:

Elected Positions

=====

President - Brad Smith
Vice President - Steve Dover
Treasurer - Darrell Robb (temporarily)
Recording Secretary - Brandon Fleschner
Correspondence Secretary - Mia Quiles
Historian - Robert Brownlee
Parliamentarian - Johnny Hjorth

Appointed Committee Positions

=====

Education - Alexa Hunter
Federation - Rick Shaffer
Field Trips - Scott Silver
Librarian - Andrea Fabian
Membership - Stephanie Dangott
Minerals - Eyra Allen-Lucas, Krista Sawchuck
Photography - Pam Leitner
Programs - Ken Rogers

Continued on page 7

GENERAL MEETING MINUTES continued

Publications - Barbara Fier, Jan Ferguson, Jette Sorensen

Publicity - Janice Metz

Show - Hellena Jones-Elbling

Social - Vacant

Sunshine - Felice Ganz

Webmaster - Jette Sorensen

Workshops - Jette Sorensen

Board of Directors 2020 - Ana Maria S Guimaraes and Bruce Mensinger

Darrell Robb informed the 2018 Fiesta of Gems would take place on June 23 - 24.

Woody Shaffer inquired why the Nugget was no longer commercially printed, as the Bylaws required it to be printed and mailed to members. It was clarified that the Bylaws did not require the Nugget to be printed and it did not specify that it must be physically mailed. Therefore, e-mailing the Nugget to members fulfilled the Bylaws requirements; in addition, it saved costs and helped preserve the environment.

Nine guests were introduced.

The meeting was adjourned at 8:01 pm.

Submitted by Ana Maria Strambi Guimaraes
Recording Secretary

DECEMBER SHOW GUIDE

December 9 - 10: RIALTO, CA
Orange Belt Mineralogical Society
Near Rialto City Hall Lot
105 South Palm Avenue
Hours: 9 - Dusk daily
Contact: Jessica Pierson, (909) 381-0089
Email: OBMSTailgateInfo@gmail.com
Website: <http://OBMSrocks.yolasite.com>

**MARK YOUR CALENDAR, THE
2018 FIESTA OF GEMS
IS JUNE 23 - 24**

FREIDA LUKERT

Our most heartfelt condolences to Lynne Lukert who lost her mother in early November.

Freida was not a member of CCRMC, but we have had the pleasure of her company many times, especially after she left New York a few years ago to live with Lynne here in California.

Several of our members were Facebook friends with Freida. She turned 103 years old in March and was the most spry centenarian you can imagine.

We will miss her.



Freida snatching a White Elephant package from Johnny Hjorth at the 2016 Holiday party, same as in 2015. (below)



The purpose of the CULVER CITY ROCK & MINERAL CLUB is to bring together persons interested in the earth sciences, to engage in research and study in this realm, and to assist members in the collection and preservation of rocks and minerals and in the study of lapidary and related arts.....culvercityrocks.org

Elected Officers for 2017

President - Darrell Robb
Vice President - Steve Dover
Treasurer - Franne Einberg
Recording Secretary - Ana Maria Guimaraes
Corresponding Secretary - Jan Ferguson
Historian - Bruce Mensinger
Parliamentarian - Johnny Hjorth

Committee Chairs:

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

Board of Directors:

(2017) Bruce Mensinger - Ana Maria Guimaraes
(2018) Rick Shaffer - Jette Sorensen
(2019) Brad Smith - Grace Sato

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

culvercityrocks.org
facebook.com/CCRMCM
instagram.com/culvercityrocks/
twitter.com/culvercityrocks
<https://groups.yahoo.com/neo/groups/CCRMCM/info>

MEETING SCHEDULE

General Meetings are held the second Monday of every month* at 7:30 pm, usually in the Multi-Purpose Room in the Veterans Memorial Auditorium Bldg., 4117 Overland Ave.* Enter from the rear door.

*Consult the Nugget or the website for occasional location changes.

Guests are always welcome.

Executive Committee Meetings are held the second Monday of every month* at 6:30 p.m. in the Multi-Purpose Room in the Veterans Memorial Auditorium Bldg. All Club members are welcome.

*Meeting days occasionally change due to federal holidays or to accommodate the Fiesta Of Gems Show.

DUES & FEES

One time Initiation Fees:

Individuals	\$20.00
2 Persons/Same Address	\$35.00
Juniors	\$15.00

Yearly Membership Dues:

Individuals	\$25.00
2 Persons/Same Address	\$35.00
Juniors	\$10.00

(After July 1, dues are \$15.00, \$25.00 and \$5.00 respectively.)

Replacement badge \$15.00

SHOP INFORMATION

The shop is open to members in good standing over the age of 18 who sign an indemnification form. Junior members (13 - 18) must be accompanied by an adult. Instruction is available at all sessions. Practice slabs are available.

Location: 10866 Culver Blvd. In Culver City (behind the FOCCSH building (Boy Scout clubhouse) and next to the paddle tennis courts.)

Shop Phone: (310) 836-4611

Hours:

Tuesday 7 pm – 9:30 pm - Rick Shaffer
Wednesday 10 am – 2 pm - By appointment,
email: shop-avail-appoint@culvercityrocks.org

Thursday 10 am – 2 pm - Brad Smith
Saturday Noon – 4 pm - Lynne Lukert
Sunday Noon – 4 pm - Jette Sorensen

If no one shows, the shop may close early. If you plan to arrive more than a half hour after the opening time, phone the instructor at (310) 836-4611

The Nugget

The deadline for submissions is the 15th of every month. All 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. Ad layouts, copy, or business cards must be received by the 10th of the month. Send materials to Culver City Rock and Mineral Club, P.O. Box 3324, Culver City, CA 90231, Attention: Editor.



the NUGGET

CULVER CITY ROCK & MINERAL CLUB

VOLUME 58

ISSUE 12

DEC 2017

CR&MC

CULVER CITY, CALIFORNIA, USA

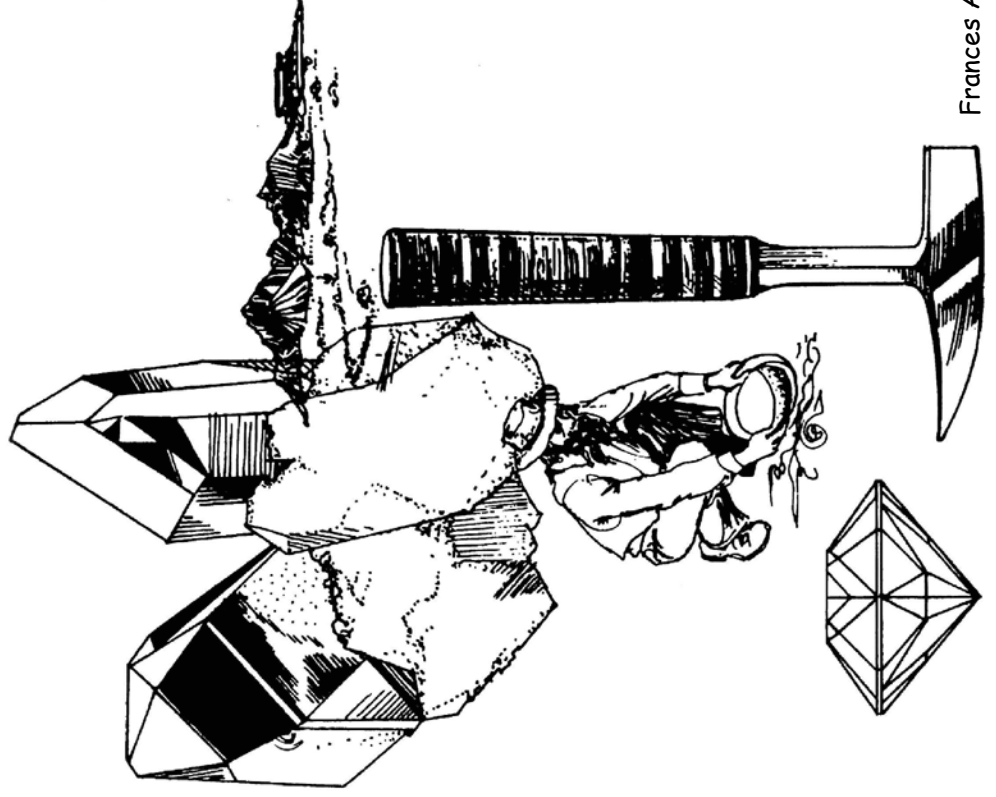
FIRST CLASS



Address Change Requested

The Nugget
P.O. Box 3324
Culver City, CA 90231

CULVER CITY ROCK & MINERAL CLUB, INC



Frances Aldrich