



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.

August Virtul Program: Creative Metal Forming

Our Club is happy to present Charlene Aspray on August 10 at 7:00 PM.

A few hammers, woodblocks, dapping tools, and a vise and one can easily take sheet metal in sterling silver, copper, or brass and form it into higher dimensional shapes. Charlene Aspray will demonstrate how she uses a few simple tools to create both free form shapes and florals to accentuate jewelry pieces. You will be amazed at how quickly you will be able to make something so dynamic. During her demonstration, Ms. Aspray will also talk about annealing metal and how to clean brass after the heat has brought up copper oxides to the metal surface.



Seaweed Necklace

Charlene Aspray, a Los Angeles area native, graduated from FIDM in 1989 with an Associate of Arts degree in Interior Design.

Ms. Aspray started designing and crafting jewelry pieces in 1996. Her work has ranged from microbead necklaces to wearable art in metal.

Having the opportunity to learn from master jewelers, including Harold O’Conner, Andrea Kennington, Fabrizio Acquafresca, Petra Class, and more, Ms. Aspray has a diverse repertoire. She enjoys mixing these many techniques to fashion intricate pieces of jewelry from sterling silver and brass.

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General Meetings

General meetings will be held the second Monday of every month at **7:00 PM on Zoom** until it is safe to resume in person meetings. **Guests are always welcomed!**

- Upcoming Programs
- August 10 – Creative Metal Forming
 - September 14 – To be announced
 - October 12 – To be announced



August Virtul Program: Creative Metal Forming con't.

Her work has been published in *500 Beaded Objects: New Dimensions in Contemporary Beadwork* published by Lark books in 2004. Her work has also been included in *Ganoksin Online Exhibition – Beauty is in the Eye of the Beholder* in 2011 and *Metal Extinction Art Exhibition* at the Saddleback College Art Gallery in 2014.

Ms. Aspray recently completed coursework with GIA in their Applied Jewelry Professional program.



Kanzashi Hair Pin



Oyster Necklace

Submitted by
Ken Rogers
Programs Chair

President's Message

August is our traditional month for the Club's picnic and silent bid auction, but this darn virus situation persists and will undoubtedly crush another one of our traditions. But I enjoy our get-togethers and do not want to give up so easily on any of them. So I propose we find a way to have the Club's picnic this year - pencil it in to be held (virtually) on Saturday, August 22nd. Of course, it'll be BYOB and your favorite snacks, but we can do more.

Let's see if we can come up with some creative ideas - perhaps sharing progress on our latest project or finding a way to pull off a silent auction, all online. And remember that you can sign in to one of our Zoom sessions from multiple devices. That lets you use the large screen computer to view the session while also using your phone or tablet as a camera to show a close-up of a recent lapidary or jewelry project.

Our monthly Zoom meetings are going well thanks to Ken Rogers's creativity in finding good speakers and Darren Cokin's expertise in hosting the sessions. Many other clubs are doing the same and with good reason. My feeling is that we will not be coming out of this lockdown situation anytime soon. It may even get worse before it gets better, so the risk of normal meetings will persist well into next year. Ken and I are working to schedule our Zoom meetings out to February. We're sharing ideas with other rock clubs to find the best speakers and to discover other types of programs that will work for our Club.

Brad Smith, President

July Program Report

Geologist Dick Weber lectured about the Argyle diamond mine in Australia, which he visited in 2008 with his wife and also geologist Mary Pat Weber.

The Argyle mine is the largest diamond mine in the world. Located in East Kimberley, in a remote area of Northwest Australia, it can only be accessed by plane. The mine was discovered in the late Seventies and produces 90 percent of the world's pink diamonds. It is scheduled to close at the end of December 2020.

Diamonds alluvially deposited had been found in small quantities by gold prospectors in the region since the 19th century, but a diamond deposit was not apparent. A more systematic search by geologists began in 1969. Diamonds were found in

termite mounds and in 1979 the Argyle pipe was discovered.

It took prospectors three years to assess the area, determining where the boundaries of the deposit were located, and the grade, size and distribution of the diamonds. The assessment is critical to ensure maximization of the mine, ensuring all diamonds are found while preserving large diamonds. The area is a mile long and a 100 to 1000 feet wide.

Submitted by
Ana Maria Strambi Guimaraes
Recording Secretary

General Meeting Minutes July 13, 2020

Meeting called to order at 7:07 PM by President Brad Smith. Quorum was established.

The June General Meeting minutes were approved as read in the July Nugget.

Brad asked members if there were any announcements.

Jette Sorensen reminded that we should announce that the Club would not host the summer picnic in August. Darrell said he would ask the city to return the deposit for the park reservation, if Steve had not already done so.

Darrell informed the city has refunded the rental

deposit for the auditorium. He also indicated that the Club's investments has recovered from the losses last quarter.

Alexa Hunter and other members mentioned that the Metal Arts Society of Southern California has several online demos that were excellent and that it could be worth becoming a member to access them. Videos are available at <https://massconline.com>

The meeting adjourned and the monthly program followed.

Submitted by
Ana Maria Strambi Guimaraes
Recording Secretary

Mineral Fun Facts

The Roman writer named Pliny the Elder noticed that quartz crystals are very cool to the touch. He also found many quartz crystals high in the mountains. So, he came to the conclusion that quartz is petrified ice. He believed that quartz was ice that had frozen so hard that it would never thaw out and melt! (Today we know quartz is silicon and oxygen and that it absorbs heat quickly and easily.)

Sulfur cannot absorb heat very well. If you put your warm finger on the surface of a sulfur crystal, the crystal will crack. Sometimes you can even hear the cracking.

Mini Miners Monthly, January 2020, Vol 12 No. 1



By JJ Harrison (<https://www.jjharrison.com.au/>) - Own work, CC BY-SA 2.5, <https://commons.wikimedia.org/w/index.php?curid=6023737>

What Mineral Am I?

I am a shiny, metallic, and gray mineral. I often form very long straight crystals. My crystal can be bent if you try carefully. But they cannot be bent back to their original shape. Sometimes you can find crystals that were bent in nature. I am important ore of the element called Antimony which has the chemical symbol of Sb. I am fairly soft and can be scratched easily. Some of my best crystals were found in Japan (left) in the late 1800's. They are still classics today. However, some excellent crystals are coming from China (right) now.

My mineral name is



Denise Peck & Jane Dickerson from "Handcrafted Metal Findings."



Denise Peck & Jane Dickerson from "Handcrafted Metal Findings."

Answer on page 6.



Upcoming CFMS Shows

Many clubs have cancelled or changed their show dates due to Covid-19 social distancing orders. Please check the CFMS website for the most up to date information on upcoming shows.

<https://www.cfmsinc.org/shows-2/>

August 15-16; Tehachapi, CA
 Tehachapi Valley Gem and Mineral Society
 500 East "F" Street
 Hours: 9 am – 5 pm
 Contact: (661) 821-7103
 Web site: <http://www.tvgms>

September 12-13; Arroyo Grande, CA **CANCELLED**
 San Luis Obispo Gem and Mineral Club
 South County Regional Center
 800 W. Branch Street
 Hours: 10 am – 5 pm
 Email: show@slogem.org

September 26-27; Lancaster, CA
 Palmdale Gem & Mineral Club
 Antelope Valley Fairgrounds
 2551 West Ave H
 Hours: 10-5 Daily
 Contact: Allison McClung; 661-839-7403
 Email: ali_cares@aol.com
 Website: palmdalegemandmineral.org

September 26-27; Lodi, CA
 Stockton Lapidary and Mineral Club
 Lodi Grape Festival Grounds
 413 East Lockeford Street
 Hours: 10 am – 5 pm daily
 Web site: <http://stocktonlapidary.org>

September 26-27; Long Beach, CA **CANCELLED**
 Long Beach Mineral & Gem Society
 Long Beach Expo Arts Center
 4321 Atlantic Avenue
 Sat. 10 am – 5 pm, Sun 10 am – 4 pm
 Contact: Carol Kron & Karin Alvarez, (562) 577-9044
 Website: <http://www.facebook.com/LBMGS>

Zoom Instructions

Zoom can be used on a computer, tablet, or smartphone. If you do not have a webcam or smartphone, you will still be able to participate. You will view the presentation with any computer, and may call in with a regular phone to take part in the discussion.

You can install the Zoom app on your device from their website, or the appropriate app store:

- [Zoom Website](#)
- [Apple Store](#)
- [Google Store](#)

The Lapidary Shop is closed until further notice

the Nugget - Submissions

Submissions deadline is on 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. Photographs without credits are shot by a CCRMC member. Permission to use photography is freely given as long as proper credit is noted.

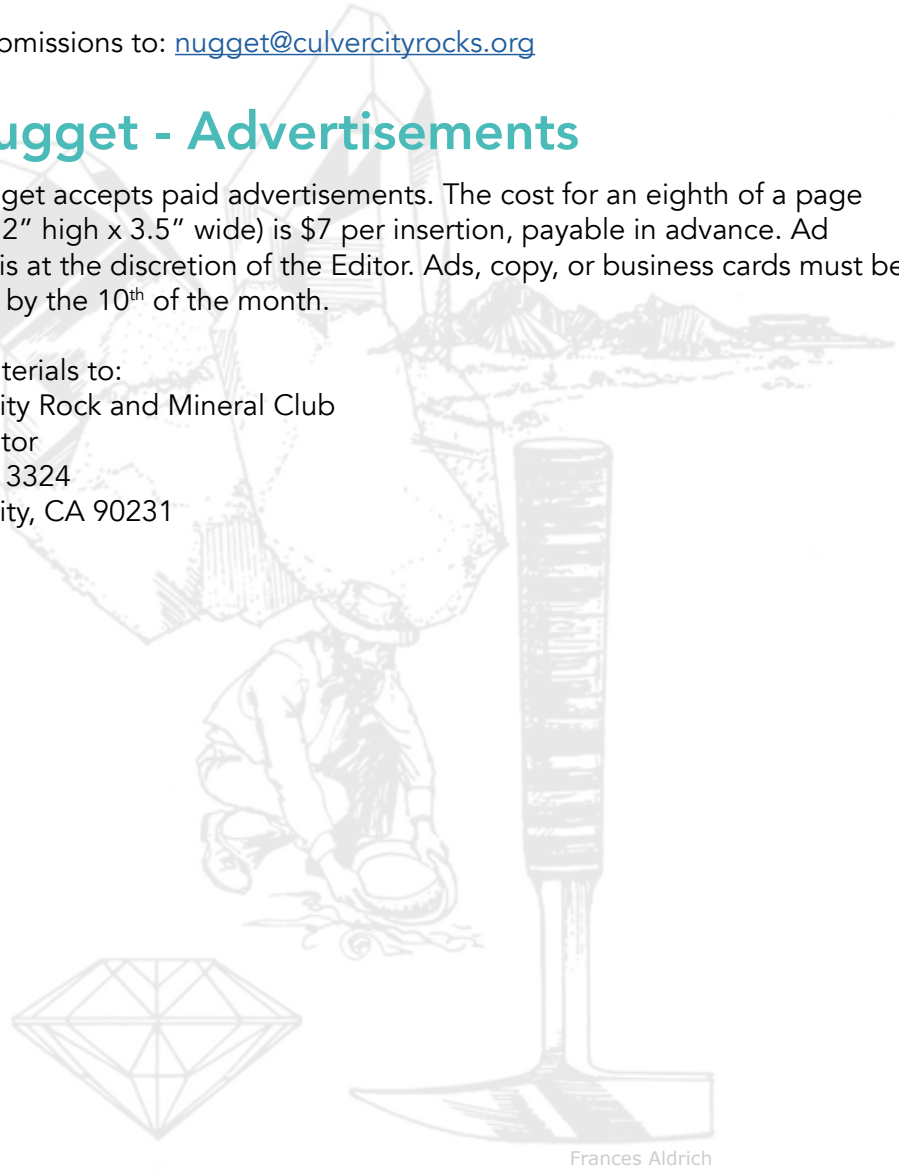
Email submissions to: nugget@culvercityrocks.org

the Nugget - Advertisements

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
Attn: Editor
P.O. Box 3324
Culver City, CA 90231

My mineral name is: Stibnite



Frances Aldrich

Stay In Touch



Mailing Address:
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Culver City, CA 90231
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2020 Elected Officers

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Darrell Robb

Recording Secretary
Ana Maria Strambi Guimaraes

Corresponding Secretary
Véronique Gautherot

Parliamentarian
Jon P. Gowling

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- Programs – Ken Rogers
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The CCRMC is a non-profit 501(c)(4) organization.

Culver City Rock & Mineral Club, Inc.

the Nugget
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Culver City, CA 90231

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First Class Mail



MONTHLY
NEWSLETTER OF THE
CULVER CITY ROCK &
MINERAL CLUB

the NUGGET



Frances Aldrich