



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.



April Virtual Program: Indonesian Gemstones

Join us on Monday, April 12 @ 7:00 pm in our Zoom Room as we join Miko for a brief introduction to Indonesian Gemstones.



Sujatmiko "Miko" was born in 1941 on the small island of Madura, not far from the famous Bali Island. Currently, Miko lives in Bandung, Java, on a cooler, 1/2 mile high plateau with a couple of volcanos. Bandung is well known as a center for creativity and education. The city has a number of Universities and the magnificent Bandung Geological Museum. The archipelago of Indonesia is situated on the Pacific Ring of Fire, and comprises 5 large islands and 17,000 smaller islands, covering an area of 5.2 million square kilometers.

In 1967, Miko received his geology degree from Bandung Institute of Technology, in which the first and the third Presidents of Indonesia, respectively the late Sukarno and B.J.Habibie, also received their degrees. Miko then went to work at the Geological Survey of Indonesia in Bandung. In 1973 he moved on to Total Indonesie, a Subsidiary of Compagnie Francais du Petrole, and in 1978 he received his post graduate degree from French Petroleum Institute in France. In 1994 he joined the Rotary International, an International Humanitarian Service Organization, became Club President in Bandung in 1999-2000, and Governor for Indonesia in 2006-2007, coordinating 100 Club Presidents and 28 Assistant Governors. Before becoming the Governor, Miko had been trained in Manila and Sand Diego in 2006.

In addition to being an active member of Rotary International, Miko is also a member of the Association of Indonesian Geologist Society of Indonesia, the Searchers Gem and Mineral Society in Anaheim, and the Mineralogical Society of South California in Pasadena.



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Upcoming Activities

- April 05 – Executive Meeting
 - April 12 – General Meeting & April Program
 - May 03 – Executive Meeting
 - May 10 – General Meeting & May Program
 - June 07 – Executive Meeting
 - June 14 – General Meeting & June Program
-

General Meetings on Zoom

As we continue to navigate through the “Safer at Home Orders” all meetings will be held via video conferencing.

General Meetings are held the second Monday of every month at **7:00 PM on Zoom** until it is safe to resume in person meetings.

Join the Zoom meeting by clicking here:
<https://zoom.us/j/3108364611?pwd=WnRTclZTS3RJMEdWdlV2c01mQWxqdz09>
Meeting ID: 310 836 4611
Password: rocks

Guests are always welcomed to join us.



a message from the

PRESIDENT

When I look back at what’s happened in the last year, I’m really proud of our Club and all the members who stepped up to keep it going. We were quick to move our activities online, never missing a meeting, and have had some dynamite speaker presentations. In my opinion they have been some of the best this Club has had in the last 25 years.

While our shop had to close down for much of the year, we nevertheless took the opportunity to start upgrading the lighting and equipment. Thanks to Steve Dover we just received new sanding drum units from Covington to replace the four drums that have been falling apart after more than 30 years of service. The procurement and transportation arrangements were unbelievably difficult over the last several months, but Steve found a way around all the hurdles.

While we’re still not back to normal in the shop, we’ve started opening up a few days a week by appointment thanks to Kent Reed and Lynne Lukert. Vaccinations should open to more of the population this month. That should loosen up Covid rules and allow us to schedule more appointments for shop time.

Brad
Brad Smith
President

Indonesian Gemstones *continued*

Since 1990 Miko has collected various types of gemstones from almost all major islands in Indonesia. After showing amazing gemstones from Garut and Tasikmalaya Regencies in West Java Province at the February Zoom meeting of the Searchers (that will be summarized briefly at our Zoom meeting), Miko will show us other amazing gemstones from Central Java (Purbalingga Regency) and North Maluku (South Halmahera / Bacan Regency) Provinces, which have different geological environments than those of West Java Province. To be known, 33 out of 34 provinces in Indonesia have potential gemstone resources and 24 varieties of those gemstones, which are Miko's collections, were published on Indonesian stamps during the period between 1997 and 2001.



● West Java Province (Searchers, Feb 09, 2021) ● Central Java & Maluku Provinces (CCRM, April 12, 2021)

Submitted by
Ken Rogers
 Programs Chair

**PRESENTED IN SEARCHERS, FEB 09, 2021
 (WEST JAVA PROVINCE)**

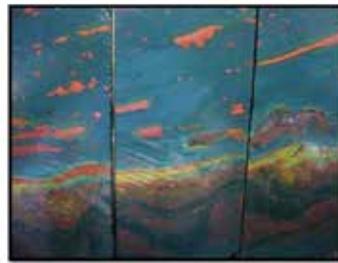


**PETRIFIED WOOD
 (GARUT REGENCY)**



**SILICIFIED CORAL
 (TASIKMALAYA REGENCY)**

**WILL BE PRESENTED IN CCRM, April 12, 2021
 (CENTRAL JAVA & NORTH MALUKU PROVINCES)**



**BLOOD STONE
 (PURBALINGGA REGENCY)**



**CHRYSOCOLLA CHALCEDONY
 (SOUTH HALMAHERA REGENCY)**



MIKO IN HIS GALLERY & LAPIDARY TRAINING WORKSHOP

March Program Report: A Field Trip to New Mexico

Stan Bogosian, a field collector, discussed classic New Mexico mineral localities. He punctuated his lecture with maps and photographs of locations and specimens taken during multiple field trips. Some of the areas discussed were:

East Grant Ridge

This area has easy freeway access. Brilliant micro garnets can be found there; they can be clear or have a slight carrot color.



Cooke's Peak

The area is of difficult access requiring 4WD. Gold, silver and fluorite can be found there.

Macey Mine and Parcha River, near Hillsboro

These are abandoned mines, where vanadinite and other minerals can be found.

Kelly Mine, Magdalena

An admission fee must be paid to the owner of the claim. Stan cautioned that he did not have interesting finds there.



Zuni Mountains

The mountains are located outside of Grants and are part of the Rocky Mountains. The Mirabal mine is located there. It is an abandoned mine, where small crystals of bubbly green, yellow and purple fluorite can be found.

Hansonburg District, Socorro County

This site is famous for having been the location of an Atomic bomb test in 1945. The Blanchard Claims and the Mex-Tex mine are located there, south and east of Socorro. Fluorite, barite, quartz, linarite and brochantite can be found there. Fluorites have complex terminations, with crystals that appear spherical, and come in blue, purple and green.



Bear Luna, Catron County

Agate and quartz can be found there.



Submitted by
Ana M. Strambi Guimaraes
Recording Secretary

UCLA Team of Scientists Explores Mojave Desert for Meteorites

The Mojave Desert's dusty red plains constitute a vast landscape of sand, creosote bush and cinder-cone mountains – sparse, uninhabited and dry.

But on certain days, a team of UCLA geologists, cosmochemists and planetary scientists scours acres of the desert landscape for meteorites, chunks of rock that have fallen from space.



Next month, when temperatures strain to more than 100 degrees, the team will hunt there again, exploring a 46-acre donation of land the university received in January.

Finding Earth

The land, donated by the family of UCLA alumnus Leo Wacker, grants faculty members permission to explore an uninhabited region of the Mojave Desert, where fragments of a meteorite are rumored to have landed decades before.

Cosmochemistry and geochemistry Professor Emeritus John Wasson studied meteorites for more than 50 years. Wasson, one of the main assemblers of the UCLA Meteorite Collection, began organizing field trips to the Mojave in November 2014.

In 1976, a rabbit hunter discovered a heavy, iron-rich meteorite near the edge of a dry desert lake in Kern County, California, about 10 miles north of Edwards Air Force Base in the Mojave Desert.

Wasson and his colleagues purchased the specimen for analysis. Based on its sharp, angular edges, they concluded the meteorite had broken into pieces upon entering the atmosphere. He added its fragments could be littered as far as 3 miles from the impact site.

Wasson sent 10 letters to private landowners, asking them for permission to search adjacent properties for other meteorites. He offered them half of any meteorite found on their land and invited property owners to join the search.

The Wacker family agreed to participate, never having seen the parcel of land their late father purchased years before. They joined 18 UCLA faculty members and students on their first meteorite hunt that November.

The Wackers didn't find much on their first trip – only a few small stones – but they weren't finished yet.

Finding space

On a typical day in the field, Wasson tells hunters to look out for black rocks larger than golf balls.

Current meteorite hunting methods don't rely on much more than eyesight. Searchers cross the desert in strict walking formations with magnetic canes, testing the surrounding debris for magnetism, Wasson said.

But finding a vantage point with the visibility of the surrounding land is one of the most important techniques for meteorite hunting, said Jason Utas, a graduate student in geochemistry and cosmochemistry.

Utas, who has hunted for space debris with his family since he was 9, has found more than 200 meteorites in his lifetime. Once, he traveled to Texas chasing down a special type of meteorite called a fireball. "When I was 8, my parents found me a meteoroid,"

UCLA Team of Scientists Explores Mojave Desert for Meteorites

Utas said. "Things kind of snowballed, and now I'm here."

Utas said meteorites enter the atmosphere at an average speed of 20 kilometers per second, four times as fast and 60 times as energetic as a returning space shuttle.

Isotopic signatures can allow scientists to trace meteorites back to the space clusters they came from. Wasson specializes in the analysis of iron meteorites, examining their composition and signature using neutron irradiation. He said he usually gets to keep a piece of every meteorite sent to him for analysis.

"Meteorites tell us about the formation of the planets, about the cores of asteroids," Wasson said. "They just fall from the sky. Nature has provided them to you."

On the first floor of Slichter Hall, rows of meteorites and pieces of space debris – some dull, some glimmering – lie behind panes of glass in the public Meteorite Gallery. One case holds chondrites, primitive meteorites thought to be older than the planets themselves, and another holds tektites, lumps of silica-rich glass resembling twisted clay. The Utas family donated several meteorites to the gallery, including their largest: an 811-pound iron

meteorite from Namibia.

"(Meteorite hunting) has always been my hobby, so it's hard to make the transition from collecting to studying them," Utas said about his academic career. "Finding them is relatively fun and easy, but then you have to spend three days under a microscope analyzing a tiny section of it."

Finding answers

Gerry Wacker said he considered his family's land donation an opportunity to give back to UCLA.

"We really weren't serious about the science," Wacker said. "We just thought ... it could be a great adventure."

Wasson retired eight months ago, but still comes to UCLA every day. The team has explored areas in Kern County since 2014 and hopes to cover new ground next month.

Daily Bruin. (April 29, 2016). UCLA team of scientists explores Mojave Desert for meteorites. [Article] <https://dailybruin.com/2016/04/29/ucla-team-of-scientists-explores-mojave-desert-for-meteorites>

FUN FACT

Jason Utas is a member of CCRMC

Submitted by
Devon Lloyd
Minerals Chair

April 25 Field Trip – Oceanview Mine

Where: Palomar-Julian, Reservation, 37304 Magee Rd. Pala, CA 92059

Meet at Pala Casino Gas Station Parking Lot between 7:15 AM and 7:30 AM, or be on the Oceanview Mine property by 7:45 AM. Tour ends at 1:00 PM.

Cost: \$65 per person

Equipment: Bring your own digging tools – nothing is provided. Also bring plenty of water, sunscreen, sunglasses, hat and gloves, closed footwear (NO SANDALS or HEELS!), long pants preferred (there may be rattlesnakes on the mountain!), and an extra change of clothes. You will get dirty!

More info will be provided soon. Please contact the field trip chair Devon Lloyd directly at devonlloydexotics@gmail.com to add your name to the list.

Submitted by
Devon Lloyd
Field Trip Chair

Executive Meeting Minutes – March 1, 2021

Those present: Stephanie Dangott, Steve Dover, Veronique Gautherot, Jon Gowling, Alexa Hunter, Pam Leitner, Janice Metz, Darrell Robb, Ken Rogers, Brad Smith, Jette Sorensen, Christine Thompson, Ana Strambi Guimaraes, Karen Wallen

Meeting called to order by President Brad Smith.

The following was discussed:

Show: Brad Smith informed the Culver City administration does not have an expected date to reopen the auditorium. Ken Rogers recommended emailing vendors to gauge interest; he committed to contacting D.J. Gervais.

Workshops: Janice Metz informed she had been advertising her workshops. Attendance had been low but she will keep advertising.

Social: Steve Dover asked Veronique Gautherot to bring the refreshment supplies to the shop for him to lock them up.

Membership: Jette Sorensen said there had been about 40 renewals. Discussions on waiving the initiation fee were resumed. Brad Smith suggest waiving the fees because badges would probably not be needed this year. Jette Sorensen thought the Club might be able to gather in person this year, with infection rates going down. She asked Steve Dover to see if the Club would be able to host the picnic with silent auction. Ken Rogers suggested doing a feasibility analysis and developing a plan.

Silent Auction: A discussion followed on how to set up the auction safely. A regular auction instead of a silent auction may work better to allow proper social distancing. Ken Rogers suggested tabling the specifics but planning on holding the auction at the park in the summer.

Program: Ken Rogers informed the next lecture would be about finding collectibles in New Mexico. He indicated he was having difficulty finding speakers, as several contacts were not ready for Zoom meetings. Ken said he would contact Walt Lombardo. Pam Leitner suggested contacting the GIA, as they had interesting presentations made by their staff on their website. Several suggestions were made for potential speakers.

Education: Alexa Hunter informed she had hosted a Science Night via Zoom for Farragut Elementary, about fifteen kids attended.

Publication: Christine Thompson offered to create an Instagram account for the Club; she will work with Janice Metz and others for content.

Other: Jette Sorensen suggested doing a show-and-tell at the beginning of the next meeting.

The meeting was adjourned at 8:10PM.

Submitted by

Ana M. Strambi Guimaraes
Recording Secretary

General Meeting Minutes – March 8, 2021

Meeting called to order by president Brad Smith.

Quorum was established.

The February meeting minutes were approved as read in the March Nugget.

A motion was made and approved, to waive the new member fee during the pandemic, as badges would not be necessary.

Ken Rogers informed the next month's program would be an introduction to Indonesian gem stones.

Darrell Robb indicated the Club was in solid financial shape, even if it could not hold a show this year due to the pandemic.

Discussions ended at 7:32 PM and the meeting adjourned after the monthly program.

Submitted by

Ana M. Strambi Guimaraes
Recording Secretary

Lapidary Shop *is open!!!*



Our fully equipped lapidary shop is finally open again, with modified rules and limited days.

Everyone is required to wear masks, observe social distancing and sign a liability waiver for the Club.

The Shop will be limited to 1 instructor and 2 workers at a time. As soon as the state and city relax their restrictions, we will be able to bring in more workers.

Absolutely NO walk-ins are allowed

Please contact the instructor to reserve your spot.

Saturday 12 pm – 4 pm
Lynne Lukert: gemlynne@ca.rr.com

Sunday 10 am – 2 pm
Kent Goodman: kentgoodman@gmail.com

If you are unable to attend at the last minute or are going to be more than 30 minutes late, please notify the instructor so they can offer the spot to someone else or wait for you.

Members must be current with membership dues, sign an annual insurance waiver and receive instruction before starting in the Shop.

The Shop is for use by adults 18+ only; junior members 13+ must sign a special release and a parent/guardian must be present to use any equipment.

10866 Culver Boulevard
Culver City, CA 90230
The Shop is located behind the Scout House
Shop phone number: 310-836-4611



to the Culver City Rock and Mineral Club

Jessica Karrolis
Emily Kirk

We're thrilled to have you join our Club and are looking forward to meeting you in person soon.



Janice Metz	April 4
Rick Shaffer	April 8
Janet Gampe	April 10
Delia Lozano	April 10
Darren Cokin	April 12
Jette Sorensen	April 18
Stephanie Dangott	April 27



CFMS Shows

Many clubs have canceled or changed their show dates due to Covid-19. At the time of publication, these are the shows that have not been canceled.

Please check the CFMS website for the most up to date information on upcoming shows.

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

May 1-2, 2021 – Jackson, CA

Amador County Gem & Mineral Society
Kennedy Mine Gem and Craft Show
Hwy 49 in Jackson, CA
Saturday 10 AM – 5 PM, Sunday 10 AM – 4 PM
Contact: 209-296-4061, blackwolf@vgoicano.net

May 7-8, 2021 – Yucaipa, CA

Yucaipa Valley Gem and Mineral Society
Yucaipa Blvd and Adams St, Yucaipa, CA 92399
Friday, May 7: 6 pm to 10 pm,
Saturday, May 8: noon to 10 pm
Contact: grandpasgems@gmail.com
Website: <http://yvgms.org>

June 12-13, 2021 – Escondido CA

Palomar Gem and Mineral Club
Palomar Gem and Mineral Show
340 N. Escondido Blvd., Escondido CA 92025
Saturday 10 AM – 5 PM, Sunday 10 AM – 4 PM
Website: pvmcshow@palomargem.org

August 14-15, 2021 – Arcadia CA

Pasadena Lapidary Society
"Inspiration Unearthed",
62nd Annual Tournament of Gems
Arcadia Masonic Center, 50 W. Duarte Rd., Arcadia
Hours: 10 AM – 5 PM Daily
Contact: Ellen Ferrell 727-512-0381
Email: ellenbf2007@aol.com
Website: pasadenalapidary.org

September 18-19, 2021 – Chico, CA

Feather River Lapidary and Mineral Society
Silver Dollar Fairgrounds, 2357 Fair St., Chico, CA 95928
Saturday 9 AM – 5 PM, Sunday 9 AM – 4 PM
Contact: 530-586-7052
Website: <http://featherriverrocks.org>

CFMS Camp Paradise

The California Federation of Mineralogical Societies Invites You to Join Us at Camp Paradise

Great news, we will be holding Camp Paradise this year. We are adding enameling this year. There will be additional health and safety measures in place to assure a safe environment. Please contact either Sandi Kilcrease or Sandie Fender to get the application form.

Week 1: August 22nd – August 28th

Week 2: August 29th – September 4th

CLASSES INCLUDE

- Cabochon Making
- Silver Smithing
- Beading
- Faceting
- Chain Making
- Glass Bead Making
- Precious Metal Clay (PMC)
- Wire Wrap Art
- Lost Wax Metal Casting
- Dichroic Glass Fusion
- Soft Stone Carving
- Ming Trees
- Enameling



Camp Paradise is in the Plumas National Forest near Clipper Mills, CA

For more information about time, location, lodging, etc., contact:

Camp Paradise Registrar Sandi Kilcrease

422 Mitchel Lake Court
Copperopolis, CA 95228
(831) 334-1170
email: slk95228@gmail.com

Also available to assist you:

E.S.S. Committee Co-Chairs

Tony & Sandie Fender

email: sandie.fender@gmail.com

the Nugget - Submissions

Submissions deadline is on the 15th of every month. Articles or notes without a byline are written by the Editor. Photographs without credits are shot by a CCRMC member.

Email submissions to Janet Gampe, Editor: 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

Club General Meetings

Culver City Veterans Memorial Complex
Multipurpose Room
4117 Overland Avenue
Culver City, CA 90230

Lapidary Shop

10866 Culver Boulevard
Culver City, CA 90230
The shop is located behind the Scout House.

Mailing Address

Culver City Rock & Mineral Club
PO Box 3324
Culver City, CA 90231
310-836-4611



2021 Elected Officers

President
Brad Smith

Vice President
Steve Dover

Treasurer
Darrell Robb

Recording Secretary
Ana Maria Strambi Guimaraes

Corresponding Secretary
Véronique Gautherot

Parliamentarian
Jon P. Gowling

2021 Committee Chairs

- Education – Alexa Hunter & Karen Wallen
- Federation Director – Rick Shaffer
- Field Trips – Devon Lloyd
- Historian – Virginia Hollis
- Librarian – Andrea Fabian
- Membership – Jette Sorensen
- Membership Co-Chair – Stephanie Dangott
- Minerals – Devon Lloyd
- Photography – Pam Leitner
- Programs – Ken Rogers
- Publications – Janet Gampe
- Publicity – Janice Metz
- Show – Adrienne Louie
- Shop Committee – President, Vice President & Shop Instructors
- Social – VACANT
- Sunshine – VACANT
- Trading Post – Gary Mitchell
- Webmaster – Jette Sorensen
- Workshops – Janice Metz

Board of Directors

2021
Franne Einberg
Gary Mitchell

2022
Virginia Hollis
Janet Louie

2023
Adrienne Louie
Jette Sorensen

Stay In Touch



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Culver City Rock & Mineral Club, Inc.

the Nugget
PO Box 3324
Culver City, CA 90231

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First Class Mail



MONTHLY
NEWSLETTER OF THE
CULVER CITY ROCK &
MINERAL CLUB

the NUGGET



Frances Aldrich