



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.



PRESIDENT'S MESSAGE

What a wonderful Fiesta of Gems Show this year! Hellena, her crew and Club members did a truly *exceptional* job this year in putting on what has to be one of the finest shows in the state. I heard so many nice comments from our vendors and from our attendees over the weekend – each praising our Club in some way for our efforts in making their visit successful or special in some way.

This was my 22nd consecutive time working at or helping to run the show and I was impressed to see how many dedicated Club members turned out to set up, to work the various necessary jobs, and to tear down and pack away our equipment afterwards. There are so many people to thank that unfortunately it would take up the entire front page of the newsletter. But to each of you I say, I did notice, and please accept my sincere thank you for your contribution toward making this a great event!

Moving forward, a major focus of our summer activities is the upcoming picnic this month. It's a wonderful time for our new members to get to know others in the Club. There will be plenty to do for the kids and is a great time to bring the whole family.

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Visitors Welcome! HOW DOES WOOD BECOME PETRIFIED? Monday, July 9, 2018 @ 7:30 pm

An illustrated talk by Jim Mills

If you have ever wondered how wood can turn to stone this lecture will provide the answers. Learn which minerals can petrify wood, how minerals enter the wood cells, where the minerals come from and how they migrate to the wood. Find out the types of geologic strata most likely to yield petrified wood for collectors and the origins of color in fossilized wood. This program will be aimed at the casual collector and amateur level so you need not be a graduate scientist to follow the discussion.

Jim Mills is a graduate of UCLA's Earth and Planetary Sciences Department and he joined the US Air Force as an intelligence officer soon after graduating. He served in Europe, Asia and Central America as well as domestic bases around the nation, eventually retiring as a Lieutenant Colonel.

In his second career, Jim worked for the National Park Service. It was a good match – the first national parks were related to interesting geology; fumaroles and hot springs at Yellowstone and the glacial features at Yosemite. In fact the very first National Monument was the Petrified Forest in

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Culver City Veterans Memorial Multipurpose Room
4117 Overland Ave.
Culver City

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

FREE admission
FREE parking



FIESTA OF GEMS

something for everyone



Displays of Club members' collections and recent work



Candy store for rock hounds



Theme: **JADE**



Games & grab bags for the kids



Geodes are a favorite for the kids



Informative demonstrations



Enthusiastic guests and knowledgeable vendors filled the auditorium throughout the weekend

President's Message *continued from page 1*

I for one really enjoy the silent auction, and this year should be exceptional. Recent donations have left the shop bulging with cabochons, specimens, slabs, tools and equipment. Feel free to donate any hobby-related items you have to the auction.

Brad Smith
President

Petrified Wood *continued from page 1*

New Mexico, set aside by Teddy Roosevelt in 1908 – actually eight years prior to legislation that established the National Park Service to administer the nation's treasures.

Jim is a member of the Santa Lucia Rockhounds and an avid collector of petrified wood. Along with his spouse, Beth Myers, he also operates a small Internet business selling petrified wood and plant fossils to collectors and museums around the world.

Ken Rogers
Program Chair



Enjoy a delicious barbecue lunch and shop for bargains at rock bottom prices! If that's your idea of heaven then you'll love the Annual Club Picnic and Silent Auction. Mark your calendar for Saturday, August 18 from 10 am to 4 pm.

Plan on bringing a dish to pass while the Club provides burgers, hot dogs, buns, plates and condiments. Bring your cold beverage (non-alcohol).

Please bring something nice to donate to the Silent Auction – and don't forget to bring cash for your purchases.



WELCOME NEW MEMBERS

- Yuki Aokusa
- Paul Esposito
- Ato Doxey
- Sandy Doxey
- Robyn Dunbar
- Shozu Dunbar
- Deidre Greene
- Joseph Greene
- Mike Manaugh

JULY BIRTHDAYS



- Alexa Hunter July 3
- Daniela Barone July 5
- Dower Jai Gervais July 5
- Jenny Tu July 9
- Janet Louie July 16
- Jason Utas July 20

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	Classes & Field Trips
Lapidary Equipment	Metal Detectors
Rough Rock & Slabs	Beading Supplies
Fossils	Hand-Made Jewelry
Jewelry Making Supplies	Gifts, Books & Magazines



FIESTA OF GEMS KUDOS

A note of appreciation from a first time attendee:

Dear Organizers of the Fiesta of Gems event,

We are new to Culver City and attended your event this past weekend for the first time. I'd like to thank you for hosting such a nice event. It was well organized, the dealers were not only informative but welcoming and friendly. I look forward to next year!

If you would please add me to your mailing year for next year's event...I don't want to miss it!

*Best,
Victoria*

Contact Us:
Culver City Rock & Mineral Club
(310) 836-4611
P.O. Box 3324, Culver City, CA 90231
culvercityrocks.org
[facebook.com/CCRMCL](https://www.facebook.com/CCRMCL)
[instagram.com/culvercityrocks/](https://www.instagram.com/culvercityrocks/)
twitter.com/culvercityrocks
<https://groups.yahoo.com/neo/groups/CCRMCL/info>

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

JUNE PROGRAM REPORT

Dick and Mary Pat Weber, retired geologists, spoke about the geological features of New Zealand, where they had spent a month on their way to Australia about ten years ago. The lecture was illustrated by photos and maps, as well as specimens from their collection.

Mary Pat first provided an overview of New Zealand - a small country of 1,000 miles north to south and 250 miles across, that contains every possible geological feature. The oldest rocks date from the Cambrian period (500 million years), with most surface rocks dating from the Cretaceous period (150 million years).

One of the most intense tectonic activity in the world occurs there, as North Island and South Island collide against each other as the Australian plate and the Pacific plate collide, on land. On North Island, the Australian plate moves and the Pacific plate goes under it, spurring intense volcanic activity, while South Island has shallow, destructive earthquakes.

Mary Pat described interesting geological features of North Island, such as White Island, discovered by James Cook and named after the constant plume of steam that it exhales. The activity has been continuous for 150,000 years.

She also showed images of the impressive silica terraces in the city of Rotorua, which were obliterated in June 1886 by violent earthquakes and eruptions.

At the very northern tip of the island, there is Ninety Mile Beach (although it is only 55 miles long), with its four-mile-wide, 500-foot-tall sand dunes and coal and petrified wood at their base.

Mary Pat also talked about the Kauri trees, the



Mary Pat Weber

described the Waitomo cave system, formed by erosion of lime stone deposits. The caves are about 30,000 years old and are still active.

Next, Mary Pat described significant geological features of South Island. She showed photos of interesting formations such as the pancake rocks, the elephant rocks and a whale fossil site.

The island features Hokitika jade, which belongs to the Maori people. The jade is difficult to access and there is no interest in extracting it; instead jade is imported from British Columbia to meet tourist demand.

Mary Pat explained the mountain range of South Island is known as the Southern Alps, with Mount Cook being the tallest. She said New Zealand has

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world's oldest workable timber. The trees were buried in a peat bog, which preserved them. The trees are about 2,000 years old, are 40 feet in diameter and were extinguished due to glaciation.

JUNE 11 GENERAL MEETING

The meeting was called to order at 7:35 pm by Vice President Steve Dover.

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

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

The following announcements were made:

- Hellena Jones-Elbling informed more volunteers were needed for various tasks at the show. Those volunteering for four hours would be allowed free use the shop for four hours.

- Darrell Robb informed the Club was solvent. He added he was accepting payment for the raffle tickets.

- Ken Rogers informed that the July program would be about petrified wood. He also asked Club members to let him know of areas of interest for future programs.

- Robert Brownlee indicated all equipment was functioning at the shop.

-Jette Sorensen informed that recipients were not opening The Nugget received via email and that she was considering eliminating the cover letter.

The meeting adjourned at 7:48 pm.

Submitted by
Ana M. Strambi Guimaraes

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June Program Report continued from page 4

over 3,000 glaciers, which go down to sea level and move about ten times faster than the average glacier. At the bottom, the glaciers have very steep slopes, where melted water can wash everything away.

Mary Pat showed images of Milford Sound, a fjord carved by glaciers, where there are copper and gold deposits.

She concluded the lecture with a discussion about the Moeraki boulders, gigantic septarian nodules measuring about 3 meters and weighing several tons, located at Koekohe Beach.

Submitted by
Ana M. Strambi Guimaraes

UPCOMING SHOWS for more Shows go to: <http://www.cfmsinc.org/>

August 3 - 5: NIPOMO, CA

Orcutt Mineral Society
Nipomo High School, 525 Thompson Avenue
Fri-Sat 10 - 5, Sun 10 - 4
Contact: Sylvia Nasholm, (805) 481-0923
www.omsinc.org

August 4 - 5: SAN FRANCISCO, CA

San Francisco Gem & Mineral Society
San Francisco County Fair Building
9th Avenue & Lincoln Way, Golden Gate Park
Sat. 10 - 6; Sun. 10 - 5

August 18 - 19: TEHACHAPI, CA

Tehachapi Valley Gem & Mineral Society
Tehachapi Senior Citizen Center
500 East "F" Street
9 am - 4 pm daily
www.tvgms.org

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

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., Culver City (Behind the Boy Scout Club House, 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.

JUNE 11 EXECUTIVE MEETING

Those present: Robert Brownlee, Stephanie Dangott, Steve Dover, Felice Ganz, Alexa Hunter, Hellena Jones-Elbling, Darrell Robb, Ken Rogers, Janelle Williams.

The meeting was called to order by Vice-President Steve Dover at 6:48 pm.

The May Executive Meeting Minutes were approved as read in the June Nugget.

Show Report

- Hellena Jones-Elbling reported the following: The necessary paperwork required by the City, including insurance, has been completed. The Club was going to rent stairs for the stage. Decorations were being handled by Mary Ellen and Rick Shaffer and Jette Sorensen was providing signage. Bruce Mensinger would lend his saw for the geodes but there was need for someone to cut them. Hellena also mentioned no one had signed up for security.

- Darrell Robb indicated the City had informed that security had to be arranged by the Auditorium management, but he explained to them that would only be accepted if the City accepted liability for the vendors' goods and the value of the display cases. He clarified that the Club would still maintain its own security vendor, however the Club may be required to pay an additional fee for the City's imposed security. Darrell also indicated only one vendor remained to pay.

- A discussion followed about the availability of the PayPal account. Ken Rogers offered to bring his own PayPal swiper to the show.

- Ken suggested renting a moving van for Friday and Sunday; Alexa Hunter agreed to rent it and drive it.

- Hellena said she would see if Lorraine Murphy needed supplies for the plants.

- Janelle Williams confirmed she would prepare the floor plan.

Treasurer's Report- Darrell Robb reported the Club was solvent.

Shop Report - Robert Brownlee reported he had obtained a new grinding wheel and that the saws were up and running. He also indicated that the large saw had a leakage, the cause of which was yet to be determined.

Education Report- Alexa Hunter reported she held an educational program at the Whitney Young High School, which included a presentation about crystals and activities for the students.

Membership Report- Stephanie Dangott reported she had badges to deliver to new members.

Programs Report- Ken Rogers informed that the July Program would be about petrified wood. A motion was made and approved to increase the lecturer's engagement fee by \$50 to help cover his travel costs.

The meeting adjourned at 7:18 pm.

Submitted by

Ana M. Strambi Guimaraes

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 Maria S Guimaraes - Bruce Mensinger