



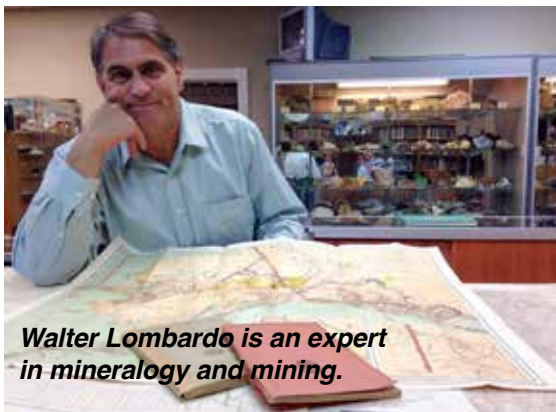
The **CULVER CITY ROCK & MINERAL CLUB**, located in Culver City, California, brings together persons interested in the earth sciences to engage in research and study, to assist members in the collection and preservation of rocks and minerals and in the study of lapidary and related arts.

## AUGUST 12 PROGRAM: The History & Mining of Gem Pegmatites of Southern California

Join us for an interesting presentation on granite pegmatites, the source of gems and mineral specimens such as tourmaline, garnet, aquamarine, morganite, kunzite, quartz, topaz, and lepidolite. Southern California is known worldwide for production of these gemstones and minerals from mines in San Diego, Riverside and San Bernardino Counties.

Our presenter, Geologist Walter Lombardo, brings 35+ years of experience in mineralogy, mining and mineral exploration for companies seeking precious metals and industrial minerals. This talk will include discussion on the regional geology of these deposits, the history of mining in Southern California, and some of the major mines and the gem minerals they have produced.

Walter is the owner of Nevada Mineral & Book



*Walter Lombardo is an expert in mineralogy and mining.*



*Bi-colored tourmaline crystal 2 cm long (image source: Wikipedia)*

Company, a natural history gallery and earth science bookstore located in Orange, California. He has lectured nationwide on topics related

### THE HISTORY & MINING OF GEM PEGMATITES IN SO CALIFORNIA

Monday, August 12 @ 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**

## CCRMC Members' Annual Picnic & Silent Auction

Saturday, August 17  
10 am – 4 pm  
Lindberg Park  
5041 Rhoda Way  
Culver City



to mineral resources, mining and mining fraud, mineralogy, and gemology. He leads wonderful field trips to the Ocean View Tourmaline Mine, one of the major gem mines located in southern California.

**Ken Rogers**  
Program Chair



*Elbaite tourmaline (olive-green) and lepidolite mica (violet), from a lithium-enriched pegmatite in Brazil (image source: Wikipedia)*



## JULY 8 PROGRAM REPORT



Appraiser Sindi Schloss lectured about rocks, gems, crystals, and metals in the history of human adornment.

Archeologically, beads are the first object not related to survival, going back 100-130 thousand years. They appeared as hominids, became self-realized and developed the ability to symbolize. It is believed that they were used as charms or amulets and

talismans. By 60,000 years ago, ornaments were spread all over the world.

The Neolithic period (11,000-4,500 BC) saw the domestication of plants and animals, and farming (around 9,000 BC). Stone beads prevailed and green beads appeared for the first time, presumably as a talisman to promote successful agriculture. Around 6,000 BC stamp seals were also used (seals are a subclass of beads).

In the Bronze Age (4,500-1,200 BC), copper came into use, expanding the types of materials that could be drilled. The bow drill was developed. This age saw the height of lapis lazuli use.

In the Iron Age (1,200-332 BC), diamond came into play. Diamond chips were used to drill stone beads in India around 600 BC. Seals of chalcedony, garnet, hematite, and chlorite were used. Agate eye beads and early glass imitating jade were found in China, while

green stones such as nephrite, jadeite, and serpentine were used in Mesoamerica.

The period of 330 BC-200 AD is the great age of empires, and chalcedony, jasper, hematite, and garnet were used for seals. In the post Roman period of 330-1453 AD, glass and stone beads of all kinds were used.

Rocks are not widely used as adornments because they are hard to carve. Granite, diorite, and lapis lazuli are among a few rocks used in adornment. Maw sit sit, a jade bearing rock from Burma, is also used. K2 is one of modern rocks recently introduced to adornment making.

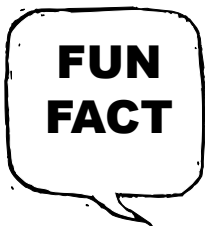
The two most important minerals used in adornment are quartz (such as amethyst and opals) and feldspar (such as labradorite, sunstone, amazonite).

As for metals, copper was first used in jewelry 10,000 years ago, while gold has been in use over 7,000 years. Tumbaga, a combination of gold and copper, was used in the Pre-Columbian period. Electrum was used in jewelry by Egyptians. Meteorite has been used in jewelry since 3,000 BC.



Submitted by  
**Ana Maria Strambi Guimaraes**  
Recording Secretary

Russel Orcutt found pink tourmaline at what later became the Stewart Mine at Pala, San Diego County.  
– Wikipedia



Native Americans have used pink and green tourmaline as funeral gifts for centuries. The first documented case was in 1890 when Charles

## Help Wanted!

### Newsletter Layout Editor

Culver City Rock & Mineral Club needs help with our newsletter, the Nugget. If you have some time to volunteer and are knowledgeable in Adobe InDesign, PhotoShop and have writing skills; we need you!

Please send an email to: [ccrockclub@icloud.com](mailto:ccrockclub@icloud.com) and find out how you can have fun volunteering your creative energy.

### Shop Assistance

Are you mechanically gifted? Do you enjoy workshop tinkering and figuring out how things work – or why they don't!? Join our Shop committee and use your curiosity to help maintain a variety of machines and motors. Please send an email to: [ccrmc-shopcommittee@culvercityrocks.org](mailto:ccrmc-shopcommittee@culvercityrocks.org) and let us know you'd like to help.

## CAMP PARADISE DEADLINE: AUG 10

Imagine spending two weeks in the mountains of northern California at a jewelry and lapidary camp. If this is your idea of heaven, make Camp Paradise your next vacation.

Attend for one or two weeks at the low cost of \$405 a week, which includes lodging and meals. This is a rustic church camp and may not be for everyone, but the price is right! Week #1 is August 25-31 and week #2 is September 1-7 – choose one or both!

For more information go to: <http://www.cfmsinc.org/ESStudies/ESSoverview.htm>. The deadline is August 10.

Classes include: Beginning Faceting, Lapidary, Soft Stone Carving, Silversmithing, Lost Wax Casting, Beginning – Advanced Wire Art, Lampwork Bead Making, Bead Weaving, PMC3 Clay, and Dichroic Glass.

## JULY 8 GENERAL MEETING

The meeting was called to order at 7:37 pm by President Brad Smith. The Pledge of Allegiance was made. A quorum was established.

Guests were introduced. The June General Meeting Minutes were approved as read in the July Nugget.

*The following announcements were made:*

- Brad Smith informed a Show debrief meeting would be held soon.

- Brad Smith announced the summer picnic would be on August 17 and it would include a silent auction.

- Brad Smith informed that help was needed to produce The Nugget. Those interested should contact him. Jette Sorensen informed it was important to have two people involved, one being the editor for the stories submitted by multiple contributors, the other being responsible for graphics and formatting.

- Darrell Robb informed the Club was solvent and reported the proceeds from the Show, including the raffle tickets proceeds, which would be donated to various charities to be decided later in the summer.

- Ken Rogers announced the August program would be a lecture on gem pegmatites of Southern California by Walt Lombardo. The September program would be a lecture on agates of Lake Superior by Jack Hobart.

- Brad Smith informed 14 new members joined the Club during the Show.

Brad Smith informed Devon Lloyd was organizing some field trips and encouraged members to let Devon know of any trips in which they were interested. Ken Rogers said Justin Zyzzyx had also volunteered to lead some trips.

The meeting adjourned at 7:49 pm.

Submitted by  
**Ana Maria Strambi Guimaraes**  
Recording Secretary

## JULY 8 EXECUTIVE MEETING

Those present: Stephanie Dangott, Steve Dover, Felice Ganz, D.J. Gervais, Alexa Hunter, Janice Metz, Darrell Robb, Ken Rogers, Brad Smith, Jette Sorensen, Ana Strambi Guimaraes, Janelle Williams.

The meeting was called to order by President Brad Smith at 6:46 pm. The June Executive Meeting Minutes were approved as read in the July Nugget.

*The following was discussed:*

Fiesta of Gems Show:

- Brad Smith informed a new Show Chair would be needed for the next Fiesta of Gems.

- Darrell Robb mentioned that one of the vendors suggested the postcard be smaller to fit envelopes and had more room for a vendor's personalized messages to his customers.


- A decision was made to hold a Show debrief meeting.

Treasurer Report: Darrell Robb reported the Club remained solvent. He also communicated the proceeds from the Show. A discussion followed about means to increase raffle ticket sales. A decision was made to include John Riordan on the distribution of hard copies of the Nugget, as he may not have received electronic information about the Show.

Program Report: Ken Rogers informed that the August program would be a lecture by Walt Lombardo and in September it would be a lecture by Jack Hobart about rare agates of Lake Superior. The October program might be a famous gem carver, who could be engaged in partnership with The Bead Society.

Membership Report: Stephanie Dangott reported 14 new members signed up at the Show. She informed the machine used to make badges was down, causing delivery to be months behind. Brad Smith suggested looking for a label maker or something similar that would allow reusing old badges for temporary badges.

## AUGUST BIRTHDAYS



Krista Sawchuk	8/1
Joanie Rippner	8/6
Lydia Paul	8/8
Laurence Chuck	8/10
Minda Moe	8/10
Joyce Watanabe	8/10
Damon Pressman	8/12
Alex Sinclair	8/13
Brooke Oliver	8/15
Mike Huwe	8/16
Brad Smith	8/19
Johnny Sage	8/25
Krystal Campolo	8/26
Lorraine Murphy	8/26

*Other Business*

- Brad Smith informed Paypal and Square would not open accounts for nonprofit organizations. He committed to verifying whether Chase had a payment service the Club could use.

- Brad Smith informed help was needed to develop the Nugget and would ask members at the general meeting. Jette Sorensen volunteered, if no one else volunteered.

- A discussion followed about the draft Workshop Rules, including whether minors could use the Shop and attend workshops. A youth program was considered.

The meeting adjourned at 7:35 pm.

Submitted by  
**Ana Maria Strambi Guimaraes**  
Recording Secretary

## UPCOMING SHOWS

for more Shows go to:

<http://www.cfmsinc.org/>

### August 17 - 18: TEHACHAPI, CA

Tehachapi Valley Gem & Mineral Society

Tehachapi Senior Citizen Center

500 East "F" Street

9 - 4 daily

Contact: Chuck Overall, (661) 821-4650

Email: [luckydog5433@aol.com](mailto:luckydog5433@aol.com)

Website: [www.tvgms.org](http://www.tvgms.org)

### September 7 - 8: ARROYO GRANDE, CA

San Luis Obispo Gem & Mineral Club

South County Regional Center

800 West Branch Street

10 - 5 daily

Email: [info@slogem.org](mailto:info@slogem.org)

Website: [slogem.org](http://slogem.org)

## WELCOME NEW MEMBERS

Carl Boggs

Luis Busso

Ale Chaparro-Garcia

Bruce Durward

Jeremy Harmon

Kay Hudspeth

Cathy Hudspeth Shearon

Michael Hughes

Steve Krantz

Annetta Luevano

John Meyer

Ralph Ramirez

Eric Scott

Lara Shapiro

Robby Shearon

Ellen Sloan

V Torres

Pauline Tso

## 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](mailto: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.

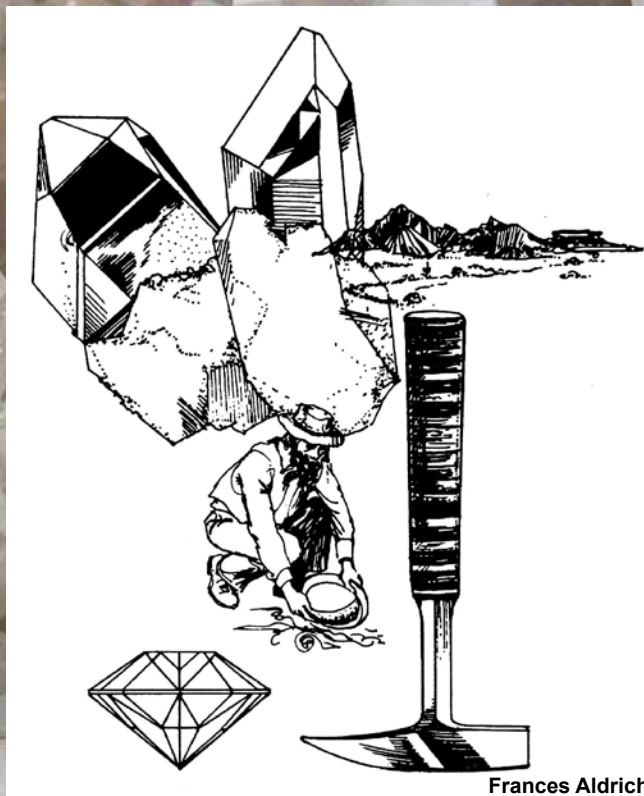
## THE NUGGET

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



### Contact Us:

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

[culvercityrocks.org](http://culvercityrocks.org)

[facebook.com/CCRMCL](https://www.facebook.com/CCRMCL)

[instagram.com/culvercityrocks/](https://www.instagram.com/culvercityrocks/)

[twitter.com/culvercityrocks](https://twitter.com/culvercityrocks)

<https://groups.yahoo.com/neo/groups/CCRMCL/info>

### Elected Officers for 2019

President - Brad Smith

Vice President - Steve Dover

Treasurer - Darrell Robb

Recording Secretary - Ana Maria Strambi Guimaraes

Corresponding Secretary - Sabrina Keep

Parliamentarian - Vacant

### Committee Chairs

Education - Alexa Hunter

Federation Director - Rick Shaffer

Field Trips Chair - Devon Lloyd

Historian - Vacant

Librarian - Andrea Fabian

Membership - Stephanie Dangott

Membership Co-Chair - Jan Ferguson

Minerals Co-Chairs:

Eyra Allen-Lucas and Devon Lloyd

Photography - Pam Leitner

Programs - Ken Rogers

Publications Co-Chairs:

Jan Ferguson / Andrea Fabian

Publicity - Janice Metz

Show - Franne Einberg

Shop Committee - President,

Vice President, Shop Instructors

Social Co-Chairs:

Joyce Watanabe and Laura Seffer

Sunshine - Felice Ganz

Trading Post - Gary Mitchell

Web Master - Jette Sorensen

Workshops - Janice Metz

### Board of Directors:

2019

Brad Smith - Grace Sato

2020

Ana M. Strambi Guimaraes

Bruce Mensinger